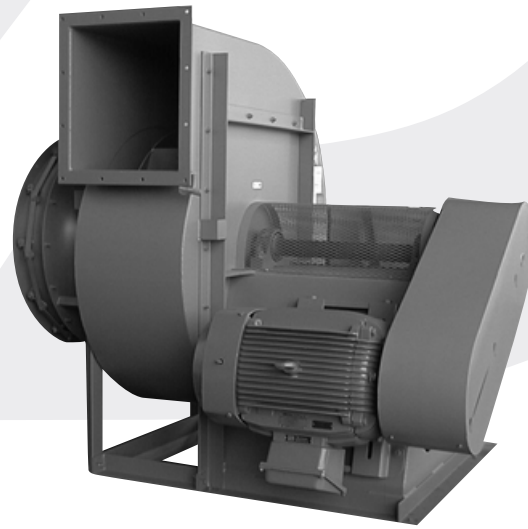




Bulletin IND05




**INDUSTRACON**

Models: IND-OT, IND-WT, IND-AH  
Industrial Exhauster

*MOVING YOUR WAY*

**CERTIFIED RATINGS**



**IndustraCon Fans**  
 PennBarry certifies that the IndustraCon Series 61 Fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

## Table of Contents

Introduction . . . . .	1
Features and Benefits . . . . .	2
Drive Arrangements . . . . .	3
Wheel Types . . . . .	4
Options and Accessories . . . . .	5
Performance Limits . . . . .	6
Engineering Data . . . . .	7
Dimensions	
Arrangements 1 & 9 . . . . .	19
Arrangement 4 . . . . .	19
Arrangement 10 . . . . .	19
Arrangement 10, Size 5-61 . . . . .	19
Performance Tables . . . . .	26
Sample Specifications . . . . .	70
Limited Warranty . . . . .	71

### FANSIZER®

#### Product Selection Software

FanSizer software allows you to select the best centrifugal or axial unit for your application. Input CFM and static pressure, and FanSizer will make the optimum selection. It allows you to complete job schedules which you can store, modify and print in seconds. Features include: on-line help, on-screen product drawings and dimensions, and complete text specifications. In addition, you can convert job schedules to ASCII code for use with other programs like word processing.

### FANCAD®

#### Library of CAD Drawings

FanCad is a library of drawings for use with computer-aided design (CAD) systems. FanCad's pre-drawn details can save hours of drafting time. Included are all popular PennBarry fans and related items.

### Visit Our Web Site

Point your internet web browser to [www.PennBarry.com](http://www.PennBarry.com) for up-to-the-minute information including:

- On-line catalog
- List of nearest PennBarry representatives
- What's New
- HVAC "Hot Links"

FanSizer and FanCad are registered trademarks of PennBarry.

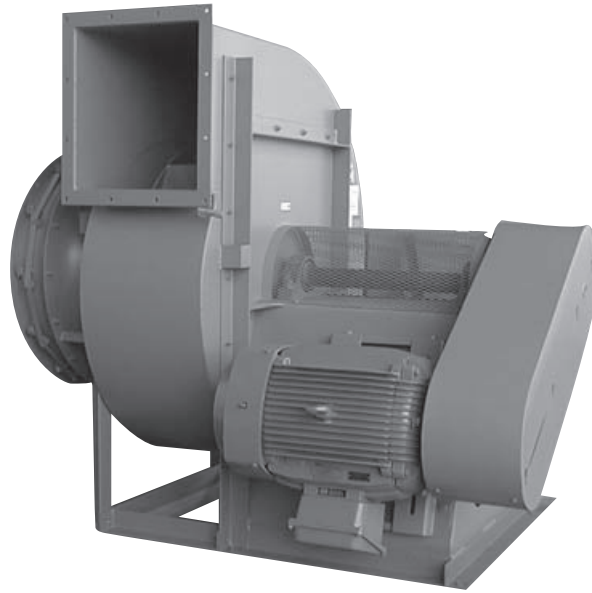
©2005 PennBarry™ All rights reserved.

Following publication of this catalog changes may have been made in standard equipment, options and the like that would not be included. We reserve the right to make changes at any time, without notice, to models, specifications, options, availability, etc. This bulletin illustrates the appearance of PennBarry products at the time of publication and we reserve the right to make changes in design and construction at anytime without notice. Your local sales representative is the best source for current information.

# Features and Benefits

IndustraCon

---



## Three Basic Wheel Types

Type OT — General material handling

Type WT — Fibrous material handling

Type AH — General air handling

## Housings

Housings, sizes 5-61 through 41-61, have heavy steel side sheets continuously welded to thick scrolls and bolted to angle iron supports for additional strength and straightness.

## Air Volumes

PennBarry industrial fans are capable of handling up to 60,000 CFM of air.

## Static Pressures

PennBarry fans are capable of handling up to 30" WG.

## Temperatures

Up to 1000 degrees F.

## Balanced/Tuned Fans

Fan wheels are dynamically balanced prior to assembly of the fans. Entire fan assemblies are then re-checked using an electronic analyzer. A final balance on the entire rotating assembly is then performed. Bearings are also checked for proper alignment.

## Bearings

Bearings are selected for heavy-duty service with a design average fatigue life of 200,000 hours or more based on the maximum speed of the fan.

The PennBarry Series 61 IndustraCon line of fans is a result of over 30 years of experience in designing and engineering high quality fans. The performance ratings shown are based on tests to AMCA Standard 210.

Trained PennBarry sales representatives are available to offer assistance in the proper selection and application of IndustraCon fans or other equipment in the complete line of PennBarry products.

## Drive Arrangements for Belt or Direct Drive

### Arrangement 1

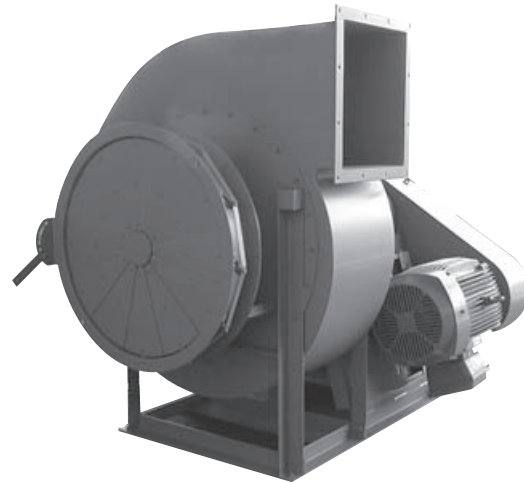
Arrangement 1 is most commonly used for general industrial or high temperature applications. The arrangement includes a housing, wheel, shaft and two bearings mounted on a heavy welded steel jack which is welded to the drive side angle supports of the fan housing. The shaft is extended beyond the outer bearing to carry the drive sheave.

### Arrangement 8

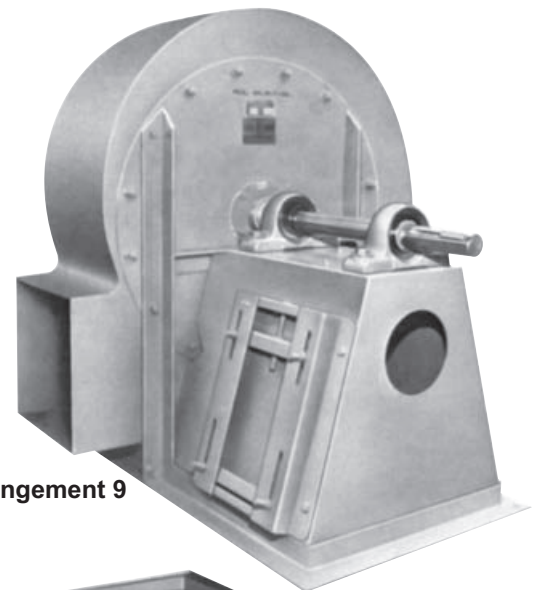
This arrangement is a belt or direct connected unit similar to Arrangement 1 except that a welded steel pedestal extension is supplied for the motor through a flexible coupling. Drawings for this arrangement are made available upon request and are not standard due to the varying requirements of the motor and drive assembly.

### Arrangement 9 & 10

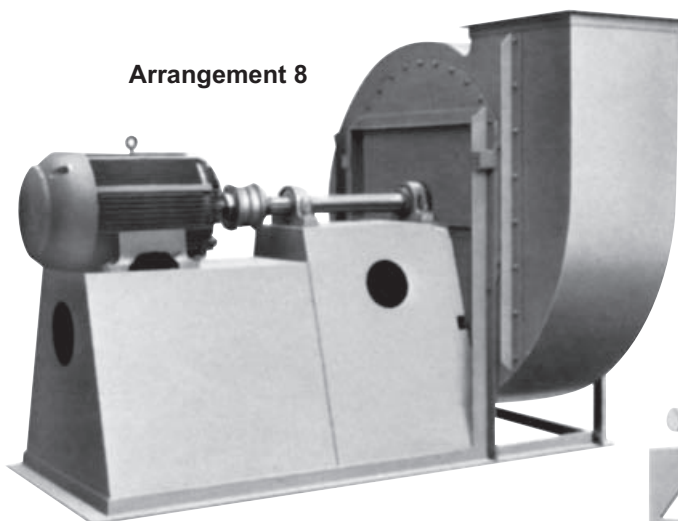
Arrangements 9 and 10 are basically Arrangement 1 with adjustable motor mountings attached to the side or within the bearing jack assembly. This “package” is normally provided with belt drive, motor and adjustable motor base and is provided for quick and easy installation in the application.



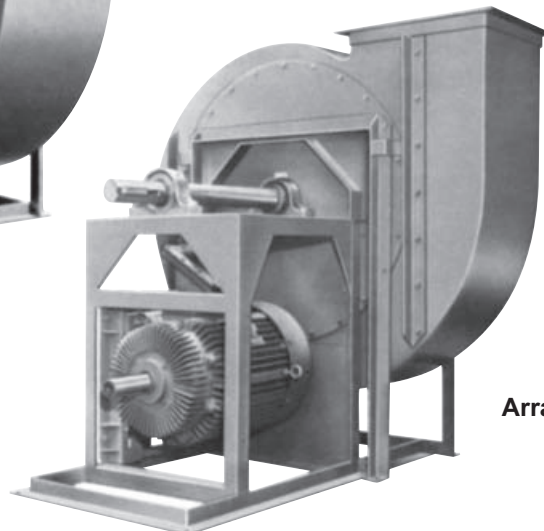
Arrangement 9 with Variable Inlet Vane and Belt Guard.



Arrangement 9



Arrangement 8



Arrangement 10

# Wheel Types

IndustraCon

## Type OT

Its extremely rugged design is suitable for handling granular material. Available as OT-15, OTH-15, OT-17, or OT-20. Refer to page 10 for the maximum performance limits of these various types of OT wheels. These various types represent structural modifications.

## Type WT

WT type wheels or the “wool type” is offered for handling fibrous materials such as paper, wood shavings, and wool. Available as WT-15, WTH-15, or WT-17. Special modifications are also available employing “cutter blades” where a chopping action is desirable.

## Type AH

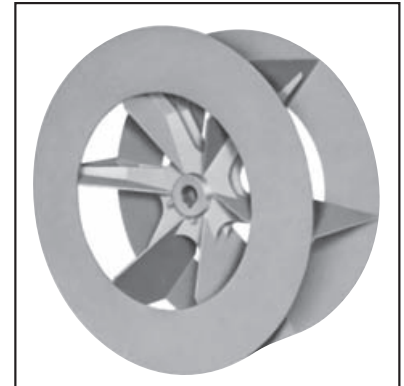
The type AH air handling wheel is designed for maximum efficiency in handling air containing light concentrations of abrasive material. Available as AH-15 and AH-17. In most applications of dust and fume removal, the high efficiency of the AH wheel will reduce operating cost over the OT and WT types of wheels.

## Wheel materials

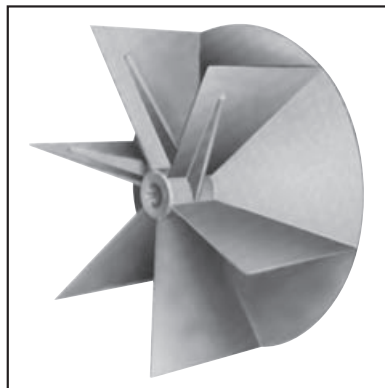
Standard wheel construction material is steel. They are also available in Type 304 and Type 316 stainless and in non-ferrous materials such as aluminum and monel.



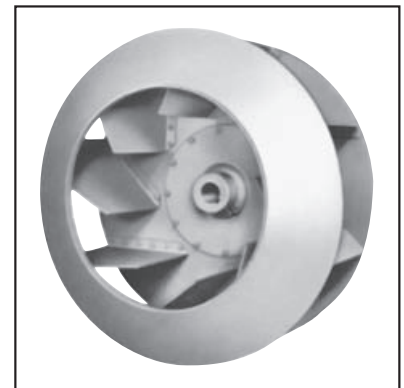
Type OT



Type OT  
(Reinforced)



Type WT



Type AH

## Access Doors

Standard bolted or quick opening types are available for inspection or where cleaning of the fan is necessary. Raised insulation type, stainless and other modified types are available.

## Flanged Inlets and Outlets

Where tight connections are required, continuously welded inlet and outlet flanges can be supplied, punched or unpunched. Downblast or angular down discharges may require special outlet extensions.



Flanged Inlet/Outlet

## Heat Fan Packages

IndustraCon fans with standard construction are suitable for operating temperatures to 300°F. Heat fan packages are available on these fans for temperatures of 500°F, 750°F and 1000°F. The 500°F package includes a shaft cooler and guard, a shaft seal, high temperature grease bearings and a motor heat shield on Arrangement 9 and 10. The 750°F package adds high temperature paint. On applications to 1000°F, consult your representative.



Heat Fan Package

## Spark Resistant Construction

Fans may be supplied in accordance with AMCA standards as follows:

*AMCA Standard Type A* — All the parts of the fan in contact with the air or gas being handled shall be made of non-ferrous material.

*AMCA Type B* — The fan shall have an entirely non-ferrous wheel and non-ferrous ring about the opening through which the shaft passes.

*AMCA Type C* — The fan shall be so constructed that a shift in the wheel or shaft will not permit two ferrous parts of the fan to rub or strike.

## Belt Guards and Weather Covers

Belt guards for Arrangements 1, 9 and 10 are available in both standard construction and to meet OSHA requirements. Weather covers enclosing the motor and drive assembly are available for Arrangement 10 fans.



Weather Cover

## Drains

Drains are available on all fans except those with bottom horizontal or bottom angular down discharges. Drains are located at the lowest point of the scroll. Standard type is 3/4" NPT external threads.

## Inlet Bell and Screen

The inlet bell is required on fans where no duct is used on the fan inlet in order to meet catalogue performance. The screen, if supplied, is of woven wire mesh.

# Performance Limits

IndustraCon

Three basic types of wheels are offered in the PennBarry line of industrial fans. The OT or "open type" wheel is offered in OT-15, OT-17, OT-20 and the OTH-15 (heavy-duty) wheel. The WT or "wool type" wheel is offered in three variations: the WT-15, WT-17 and the WTH-15 (heavy duty) wheel. The

AH or "air handling" type wheel is offered in two versions, the AH-15 and the AH-17. The designations 15, 17 and 20 denote the pressure and outlet velocity capabilities of the wheels, the higher numbers denoting higher capabilities.

## Maximum Fan RPM and WR<sup>2</sup>

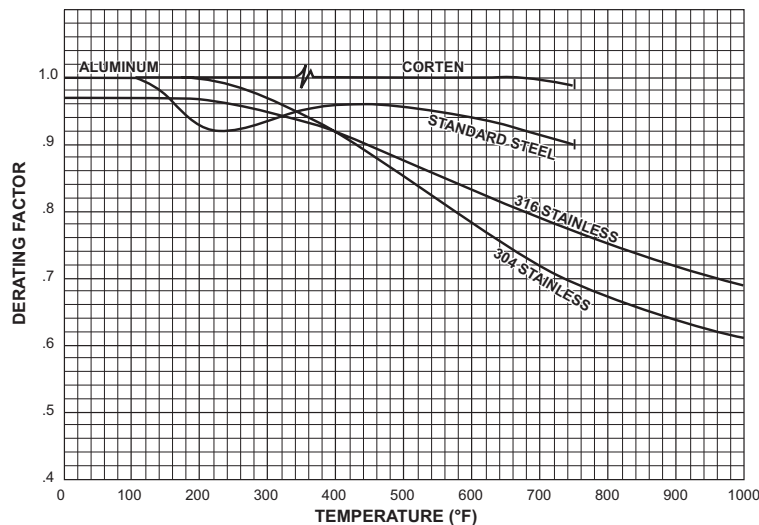
SIZE	TYPE OT								TYPE WT						TYPE AH			
	OT-15		OT-17		OT-20		OTH-15		WT-15		WT-17		WTH-15		AH-15		AH-17	
	RPM	WR <sup>2</sup>	RPM	WR <sup>2</sup>	RPM	WR <sup>2</sup>	RPM	WR <sup>2</sup>	RPM	WR <sup>2</sup>	RPM	WR <sup>2</sup>	RPM	WR <sup>2</sup>	RPM	WR <sup>2</sup>	RPM	WR <sup>2</sup>
5-61	6548	0.5																
7-61	4677	0.8					4677	1.0	4677	1.4			4677	1.8	4677	2.5		
9-61	3667	2.6	4190	4.9			3667	5.5	3667	4.0	4280	4.0	3667	5.2	3667	6.5	4110	6.8
11-61	2995	4.6	3295	9.7	3994	14.7	2995	14.7	2995	7.8	3435	7.8	2995	14.2	2995	15.4	3355	17.2
13-61	2532	13.7	2790	26.6	3377	29.0	2532	29.0	2532	22.0	2904	22.0	2532	29.0	2532	36.0	2836	36.0
15-61	2193	21	2415	44	2934	54	2193	54	2193	35	2514	35	2193	49	2193	63	2456	69
17-61	1934	34	2256	76	2579	89	1934	89	1934	57	2218	57	1934	79	1934	106	2166	116
19-61	1736	58	2026	118	2315	140	1736	140	1736	123	1991	123	1736	185	1736	161	1945	175
21-61	1570	77	1831	203	2093	231	1570	231	1570	183	1800	183	1570	274	1570	241	1758	318
23-61	1432	167	1671	349	1910	431	1432	431	1432	261	1642	261	1432	391	1432	382	1604	461
26-61	1270	240	1481	536	1693	655	1270	655	1270	422	1456	422	1270	631	1270	702	1422	752
29-61	1135	451	1324	912	1513	1131	1135	1131	1135	661	1301	661	1135	985	1135	1199	1271	1330
33-61	996	653	1163	1433	1329	2151	996	2151	996	1658	1143	1658	996	2211	996	1990	1116	2340
37-61	890	2500	1038	2500	1187	3628	890	3628	890	2600	1021	2600	890	3462	890	3438	977	3646
41-61	804	3508	938	3508	1072	5144	804	5144	804	3881	922	3881	804	5161	804	5253	901	5555

**Notes:** 1. The designations "15," "17" and "20" shown on the fan performance tables are governed not only by the maximum allowable speed, but also by the horsepower transmitted to the shaft. Therefore, the RPM's shown in the table above may be lower than shown.

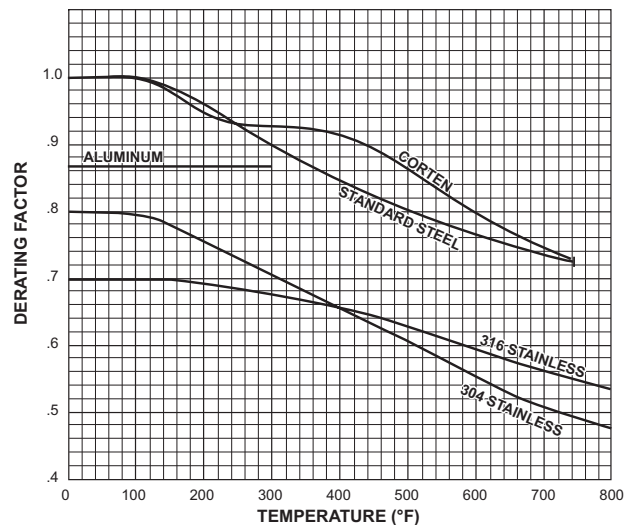
2. Multiply the maximum fan speed given above by the derating factor in the following charts to arrive at the maximum allowable fan speed at elevated temperatures.

## RPM Reduction Factors for High Temperature Operation

TYPE OT AND WT WHEELS



TYPE AH WHEELS





## Procedure for Using Density Factors (Temperature and/or Elevation)

The fan performance tables that are contained in this catalog are based on standard air as defined by AMCA; this condition being 70°F and dry air at sea level pressure (29.92" of mercury). This results in an air density of 0.075 lb. per cu. ft. of air.

A convenient method of converting actual conditions of air back to standard air conditions is by utilizing the following table where air density ratios may be determined by knowing the actual air temperature and the altitude at which the fan is operating.

By dividing the actual static pressure (hot static pressure) by the density ratio, the standard or cold (70°F) static pressure is established. Once the equivalent standard conditions have been established, the following fan performance tables may be utilized and the exact speed of the fan may be determined. The indicated brake horsepower at standard conditions, however, must be multiplied by the density factor to determine the hot or actual operating BHP.

It naturally follows that the less dense the air, the less the air will weigh per given volume, and consequently the fan will require less energy to move a given volume of air. Bear in mind, however, that during the start-up time, especially in

process applications, the air may be cold and the fan might consequently require more cold HP from the motor than it will at hot actual operating conditions.

Also keep in mind that at elevated temperatures, most metals become weaker and lubricants can break down. We, therefore, suggest you refer to the tables on page 6 to determine the actual limitation of the fan at varying inlet temperatures. It may be necessary to employ additional features such as stainless steel wheel construction, cooling wheels and seals, and modified bearings to cope with the elevated temperatures.

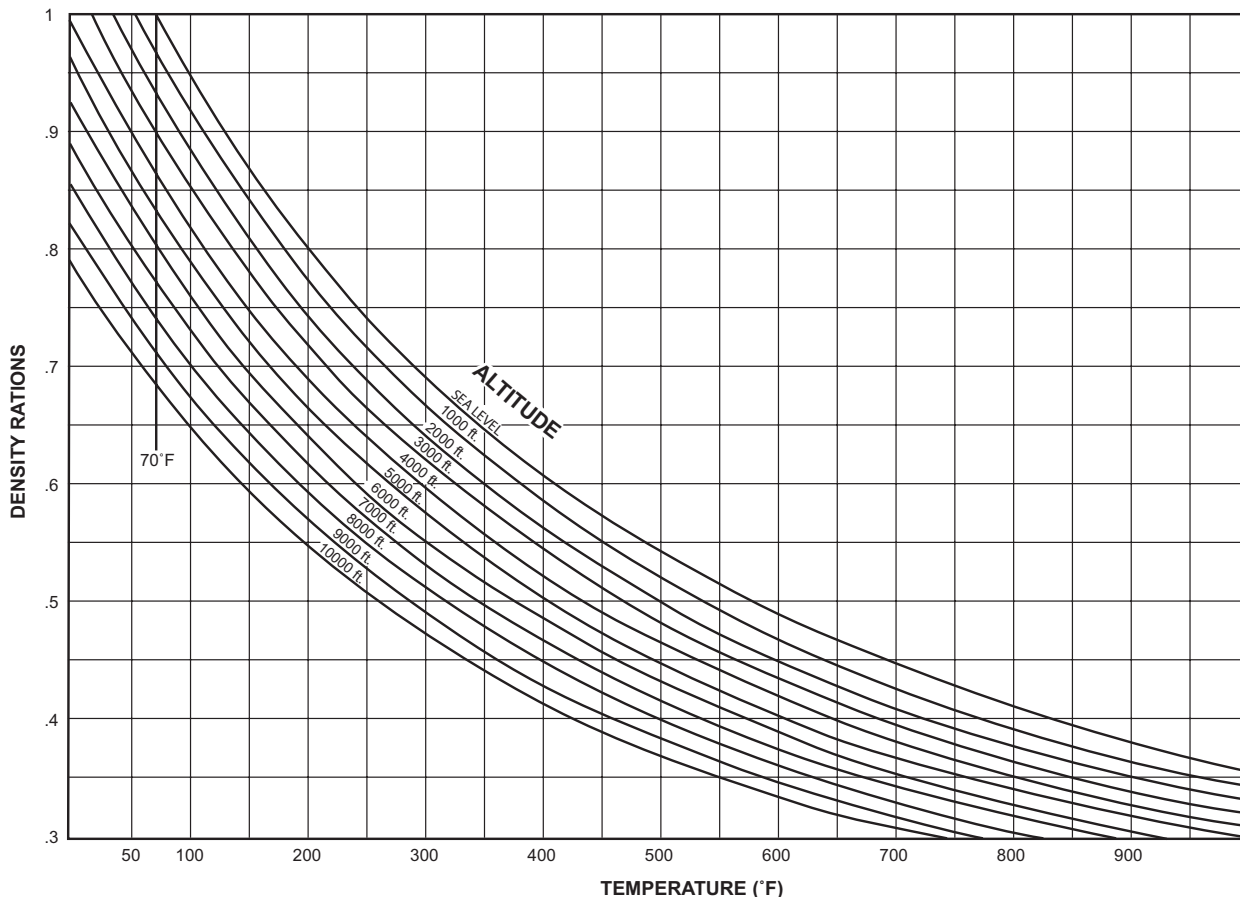
Let us now look at the following example where the density of the air is different from that of standard.

### EXAMPLE:

Conditions — 10,000 CFM of 400°F air at an altitude of 5,000 feet. The static pressure at these conditions is 10". Open type wheel.

To correct to standard air density, refer to the chart below and determine the air density ratio of .51. Divide the 10" SP by the density ratio of .51 to arrive at a new static pressure of 19.63. Refer to the table on page 18 to determine that the 21-61 must operate at 1613 RPM. The cold brake horsepower is 48.40. The actual brake horsepower becomes 48.40x.51 or 24.68 brake horsepower.

## Air Density Ratios at Various Altitudes and Air Temperatures

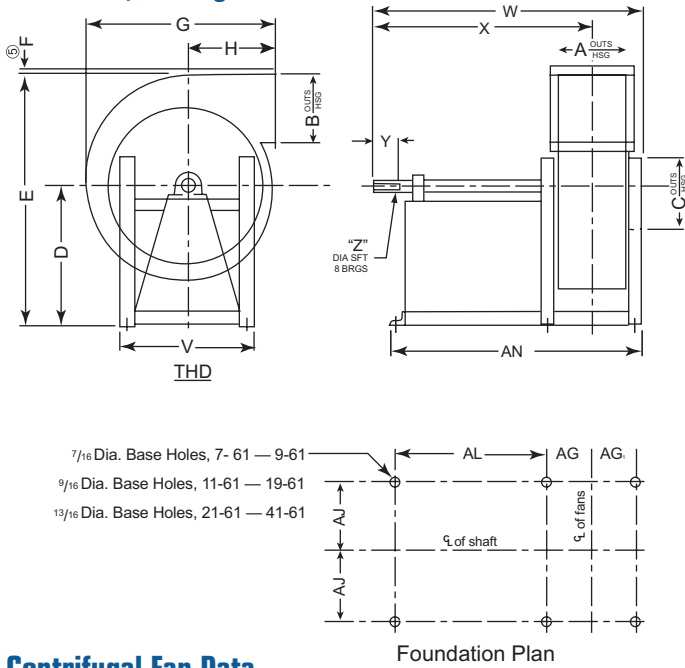




# Dimensions

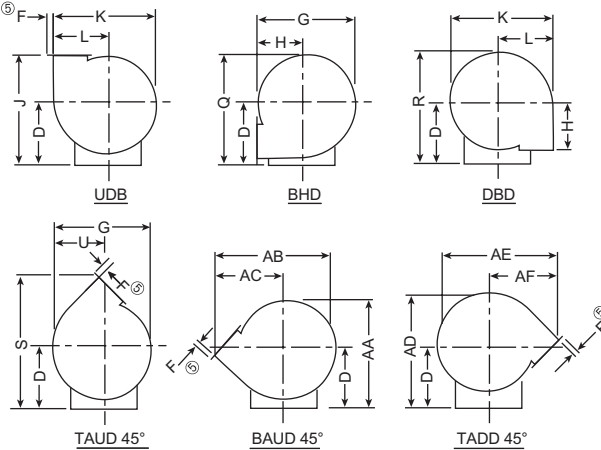
IndustraCon

## Series 61, Arrangements 1 and 9



### Notes:

1. CW rotation shown; CCW rotation similar but opposite.
2. On specific sales orders, see Fan Data Schedule for performance and accessory information.
3. On Arrangement No. 9, the standard motor position is left side for CW units and right side for CCW units.
4. Maximum motor frame sizes shown refer only to Arrangement No. 9.
5. Discharge angles standard on sizes 26-61 thru 41-61 only.
6. Design 2 employs longer pedestal for larger motors.
7. On Design 2 fans, add dimension "AM" to centerline height. Dimensions affected are D, E, J, Q, R, S, AA and AD.

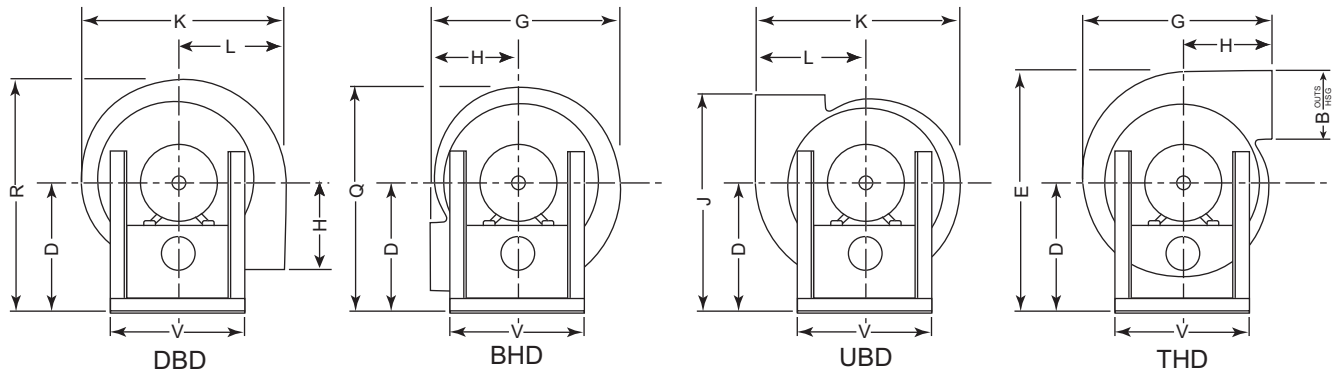


## Centrifugal Fan Data

Size	A	B	C	D ⑦	E ⑦	F	G	H	J ⑦	K	L	Q ⑦	R ⑦	S ⑦	T	U	V	Design 1				Design 2 ⑥				
																		W	X	Max. Mtr. Frame ④		W	X	Max. Mtr. Frame ④		
																				ODP	TEFC			ODP	TEFC	
7-61	6 1/8	6 13/16	7	14 1/4	24 13/16	—	19	9 5/16	23 9/16	19 5/16	10 9/16	23	23 15/16	28 9/16	18 5/16	10	14	25 3/8	20 11/16	145T	145T	30 3/8	25 11/16	215T	215T	
9-61	7 3/4	8 5/8	9	15 1/4	28 3/4	—	23	10 5/8	25 7/8	24 11/16	13 1/2	26 7/16	27 5/8	32 1/4	23 1/2	12 7/8	17 1/2	27 1/2	22	145T	145T	37 3/8	31 7/8	256T	256T	
11-61	9 7/16	10 9/16	11	18 3/4	35 3/16	—	28 1/16	13	31 3/4	30 1/8	16 7/16	32 7/16	33 13/16	39 5/8	28 3/4	15 3/4	19 7/8	33 7/8	26 15/16	184T	184T	41 1/4	34 5/16	256T	256T	
13-61	11 1/4	12 7/16	13	21 3/4	41 3/16	—	33 3/16	15 3/8	37 1/8	35 5/8	19 7/16	37 15/16	39 9/16	46 3/8	34	18 5/8	23	36 7/8	29 1/16	215T	213T	45 5/8	37 13/16	286T	284T	
15-61	12 15/16	14 5/16	15	25 1/4	47 5/8	—	38 1/4	17 3/4	43	41	22 3/8	43 7/8	45 3/4	53 5/8	39 1/8	21 7/16	26	45 1/8	35 15/16	256T	254T	50 5/8	41 7/16	286T	286T	
17-61	14 5/8	16 3/8	17	28 1/4	53 11/16	—	43 7/16	20 1/8	48 3/8	46 5/8	25 7/16	49 7/16	51 9/16	60 1/2	44 1/2	24 3/8	29 1/4	48 3/4	38 3/4	284T	256T	54 3/4	44 3/4	326T	324T	
19-61	16 1/4	18 3/16	19	31 1/4	59 9/16	—	48 3/8	22 7/16	53 11/16	51 7/8	28 5/16	54 13/16	57 3/16	67 1/8	49 3/4	27 1/8	31	54	43 1/8	326T	284T	58 1/4	47 3/8	365T	326T	
21-61	17 15/16	20 1/8	21	34 1/2	65 13/16	—	51 9/16	23	57 1/2	57 1/8	31 5/16	60 5/16	63 1/16	72 7/8	54 3/8	29 15/16	37	57 3/4	45 1/2	364T	286T	62	49 3/4	365T	365T	
23-61	19 5/8	22	23	37 1/2	71 13/16	—	57 1/4	26	63 1/2	62 1/2	34 5/16	65 11/16	68 3/4	79 7/8	59 7/16	32 13/16	40	61 1/8	48 1/16	365T	324T	63 7/8	50 13/16	365T	365T	
26-61	22 1/8	24 13/16	26	41 3/4	80 3/8	2 1/2	64 3/4	29	70 3/4	70 1/2	38 5/8	73 5/8	77	89 9/16	67 3/4	37 3/16	44 1/2	65 3/8	51 1/16	404T	364T	69 5/8	55 5/16	405T	404T	
29-61	24 5/8	27 11/16	29	46 1/2	89 13/16	2 1/2	72 5/16	32 5/16	78 13/16	78 15/16	43 5/16	82 1/8	86	99 1/8	74 15/16	41 1/4	49 1/2	68 7/8	53 5/16	405T	365T	72 1/8	56 9/16	405T	404T	
33-61	28	31 1/2	33	52 1/2	101 3/4	2 1/2	81 7/8	36 1/2	89	89 3/4	49 1/4	93	97 3/8	112 3/4	85 7/16	47 1/16	59	78 1/4	60	405T	404T	—	—	—	—	
37-61	31 1/2	35 3/16	37	58 1/2	113 5/8	2 1/2	91 1/2	40 3/4	99 1/4	100 1/2	55 1/8	103 7/8	108 3/4	126 1/16	95 5/8	52 11/16	60	83 7/16	63 5/16	405T	405T	—	—	—	—	
41-61	34 13/16	38 15/16	41	64 1/2	125 1/2	2 1/2	101 1/2	45 3/8	109 7/8	111 3/16	61	114 11/16	120 1/8	139 3/8	105 7/8	28 3/16	65 1/2	99	76 3/16	405T	405T	—	—	—	—	
Size	Y	Z												AA ⑦	AB	AC	AD ⑦	AE	AF	AG	AG <sub>1</sub>	AJ	AL		AN	
		OT-15, AH-15, WT-15		OT-17, AH-17, WT-17		OT-20		WTH-15		OTH-15		Design 1	Design 2 ⑥										AM ⑦	Design 1	Design 2	
		SFT	KWY	SFT	KWY	SFT	SFT	KWY	SFT	KWY																
7-61	3 1/2	1 3/16	1/4 X 1/8	—	—	—	1 3/8	1/4 X 1/8	1 3/16	1/4 X 1/8	22 9/16	23 5/16	14 1/16	24 1/4	23 5/16	14 1/16	4 1/16	4 1/16	6 3/8	13 3/4	18 3/4	7 3/4	23 1/8	28 1/8		
9-61	4	1 7/16	3/8 X 3/16	1 7/16	3/8 X 3/16	—	1 7/16	3/8 X 3/16	1 7/16	3/8 X 3/16	25 7/8	28 3/4	17	28 1/8	28 3/4	17	4 7/8	4 7/8	8 1/8	13 3/4	23 5/8	8 3/4	24 3/4	34 5/8		
11-61	5	1 11/16	3/8 X 3/16	1 15/16	1/2 X 1/4	2 3/16	1/2 X 1/4	1 11/16	3/8 X 3/16	1 15/16	1/2 X 1/4	31 3/4	35 1/4	20 7/8	34 1/2	35 1/4	20 7/8	6 1/16	6 1/16	9 1/16	16 1/2	23 7/8	6	30 3/8	37 3/4	
13-61	5	1 15/16	1/2 X 1/4	1 15/16	1/2 X 1/4	2 3/16	1/2 X 1/4	1 15/16	1/2 X 1/4	2 3/16	1/2 X 1/4	37 1/8	41 5/8	24 5/8	40 3/8	41 5/8	24 5/8	6 15/16	6 9/37	10 5/8	17 3/4	26 1/2	5 1/2	33 3/8	42 1/8	
15-61	6	1 15/16	1/2 X 1/4	2 3/16	1/2 X 1/4	2 7/16	5/8 X 5/16	1 15/16	1/2 X 1/4	2 7/16	5/8 X 5/16	42 15/16	47 15/16	28 3/8	46 11/16	47 15/16	28 3/8	8 1/16	8 1/16	11 7/8	22 1/2	28	3	40 7/8	46 3/8	
17-61	6	2 3/16	1/2 X 1/4	2 3/16	1/2 X 1/4	2 7/16	5/8 X 5/16	1 15/16	1/2 X 1/4	2 7/16	5/8 X 5/16	48 3/8	54 1/2	32 1/4	52 5/8	54 1/2	32 1/4	8 7/8	8 7/8	13 1/2	24 1/2	30 1/2	3	44 1/2	50 1/2	
19-61	7	2 3/16	1/2 X 1/4	2 7/16	5/8 X 5/16	2 11/16	5/8 X 5/16	2 7/16	5/8 X 5/16	2 11/16	5/8 X 5/16	53 7/8	60 11/16	35 7/8	58 3/8	60 11/16	35 7/8	9 3/4	9 3/4	14 3/8	27	31 1/4	2	48 3/4	53	
21-61	7	2 7/16	5/8 X 5/16	2 11/16	5/8 X 5/16	2 15/16	3/4 X 3/8	2 7/16	5/8 X 5/16	2 15/16	3/4 X 3/8	58 15/16	65 5/8	38 3/8	64 7/16	65 5/8	38 3/8	10 7/8	10 7/8	17 1/8	28 1/2	32 3/4	—	53	57 1/4	
23-61	7 1/2	2 11/16	5/8 X 5/16	2 15/16	3/4 X 3/8	3 7/16	7/8 X 7/16	2 11/16	5/8 X 5/16	2 15/16	3/4 X 3/8	64 1/4	72 1/16	42 3/8	70 5/16	72 1/16	42 3/8	11 7/16	11 11/16	18 5/8	30	32 3/4	—	55 7/8	58 5/8	
26-61	8	2 11/16	5/8 X 5/16	2 15/16	3/4 X 3/8	3 7/16	7/8 X 7/16	2 15/16	3/4 X 3/8	3 7/16	7/8 X 7/16	72 5/16	81 3/4	47 13/16	78 15/16	81 3/4	47 13/16	12 11/16	12 15/16	20 7/8	31	35 1/4	—	59 3/8	63 5/8	
29-61	8	2 15/16	3/4 X 3/8	3 7/16	7/8 X 7/16	3 15/16	1 X 1/2	3 7/16	7/8 X 7/16	3 15/16	1 X 1/2	80 3/16	90 1/8	52 5/8	87 3/4	90 1/8	52 5/8	13 15/16	14 3/16	23 3/8	32	35 1/4	—	62 7/8	66	
33-61	9	3 7/16	7/8 X 7/16	3 15/16	1 X 1/2	4 7/16	1 X 1/2	3 15/16	1 X 1/2	3 15/16	1 X 1/2	90 7/8	103	60 1/4	99 9/16	103	60 1/4	16 1/8	16 3/8	25 5/8	36	—	—	72 1/4	—	
37-61	9	3 15/16	1 X 1/2	3 15/16	1 X 1/2	4 7/16	1 X 1/2	3 15/16	1 X 1/2	4 7/16	1 X 1/2	101 7/16	115 5/16	67 9/16	111 3/16	115 5/16	67 9/16	17 7/8	18 1/4	28 5/8	37 9/16	—	—	77 7/16	—	
41-61	9	4 7/16	1 X 1/2	4 7/16	1 X 1/2	4 15/16	1 1/4 X 5/8	4 7/16	1 X 1/2	4 15/16	1 1/4 X 5/8	112 3/16	127 7/8	74 7/8	122 11/16	127 7/8	74 7/8	20 1/16	20 7/16	31 1/8	48 3/4	—	—	94	—	

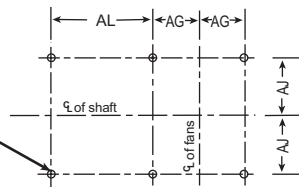
Notes: Dimensions should not be used for construction. Certified drawings are available upon request.

## Series 61, Arrangement 4

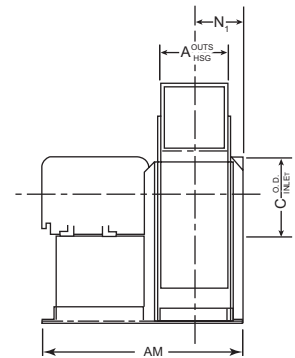


Note: CW rotation shown; CCW rotation similar by opposite.

7/16 Dia. Base Holes, 7-61 — 9-61  
 9/16 Dia. Base Holes, 11-61 — 19-61  
 13/16 Dia. Base Holes, 21-61



Foundation Plan



## Centrifugal Fan Data

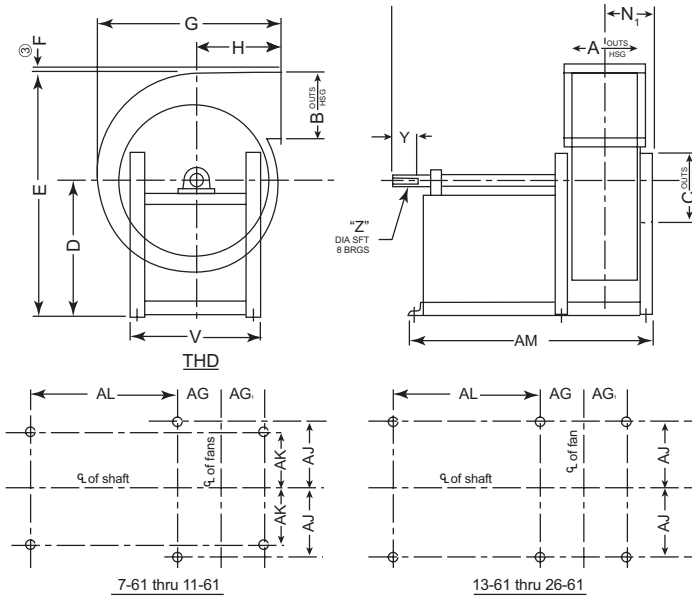
Size	A	B	C	D	E	G	H	J	K	L	N <sub>i</sub>	Q	R	V	AG	AJ	AL	AM	Max. Mtr. Frame	
																			ODP	TEFC
7-61	6 13/16	6 13/16	7	14 1/4	24 3/4	18 15/16	9 5/16	23 9/16	19 5/16	10 1/2	4 11/16	23	23 7/8	14	4 1/16	6 3/8	13 3/4	23 1/8	215T	215T
9-61	7 3/4	8 5/8	9	15 1/4	28 11/16	22 15/16	10 5/8	25 7/8	24 11/16	13 7/16	5 1/2	26 7/16	27 9/16	17 1/2	4 7/8	8 1/8	13 3/4	24 3/4	215T	215T
11-61	9 7/16	10 9/16	11	18 3/4	35 3/16	28 1/16	13	31 3/4	30 1/8	16 7/16	6 15/16	32 7/16	33 13/16	19 7/8	6 1/16	9 1/16	16 1/2	30 3/8	254T	254T
13-61	11 1/4	12 7/16	13	21 3/4	41 3/16	33 3/16	15 3/8	37 1/8	35 5/8	19 7/16	7 13/16	37 15/16	39 9/16	23	6 15/16	10 5/8	17 3/4	33 3/8	284T	284T
15-61	12 15/16	14 5/16	15	25 1/4	47 5/8	38 1/4	17 3/4	43	41	22 3/8	9 3/16	43 7/8	45 3/4	26	8 1/8	11 7/8	22 1/2	40 7/8	286T	286T
17-61	14 5/8	16 3/8	17	28 1/4	53 11/16	43 7/16	20 1/8	48 3/8	46 5/8	25 7/16	10	49 7/16	51 9/16	29 1/4	8 7/8	13 1/2	24 1/2	44 1/2	326T	326T
19-61	16 1/4	18 3/16	19	31 1/4	59 9/16	48 3/8	22 7/16	53 11/16	51 7/8	28 5/16	10 7/8	54 13/16	57 3/16	31	9 3/4	14 3/8	27	48 3/4	364T	364T
21-61	17 15/16	20 1/8	21	34 1/2	65 13/16	51 9/16	23	57 1/2	57 1/8	31 5/16	12 1/4	60 5/16	63 1/16	37	10 7/8	17 1/8	28 1/2	53	365T	365T

Notes: Dimensions should not be used for construction. Certified drawings are available upon request.

# Dimensions

IndustraCon

## Series 61, Arrangement 10

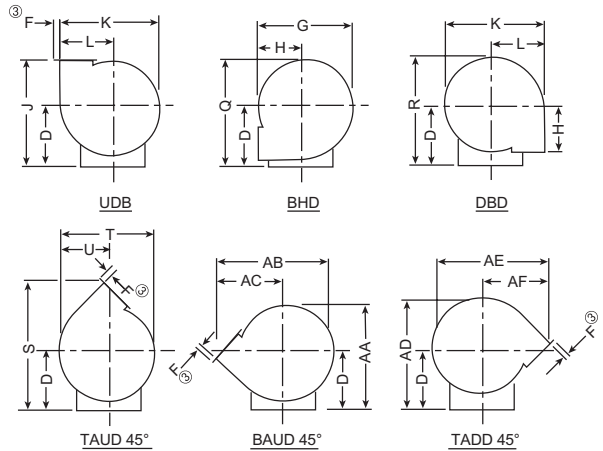


Foundation Plan

7/16 Dia. Base Holes, 7-61 — 15-61  
 9/16 Dia. Base Holes, 11-61 — 19-61  
 1 3/16 Dia. Base Holes, 21-61 — 26-61

**Notes:**

1. CW rotation shown; CCW rotation similar but opposite.
2. On specific sales orders, see Fan Data Schedule for performance and accessory information.
3. Discharge angles standard on sizes 26-61 only. (Hole punching optional.)
4. Field rotatable to size 21-61.



## Centrifugal Fan Data

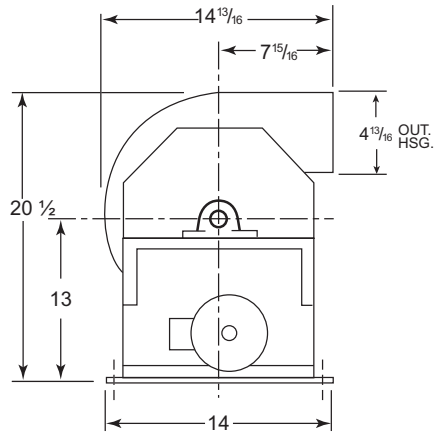
Size	A	B	C	D	E	F	G	H	J	K	L	N <sub>1</sub>	Q	R	S	T	U	V	Y	"Z" OT-15, AH-15, WT-15		"Z" OT-17, AH-17, WT-17	
																				SFT	KWY	SFT	KWY
7-61	6 1/8	6 13/16	7	14 1/2	25 1/16	—	19	9 5/16	23 13/16	19 5/16	10 9/16	5 9/16	23 1/4	24 3/16	28 9/16	18 5/8	10	18 1/2	2 1/2	1 3/16	1/4 X 1/8	—	—
9-61	7 3/4	8 5/8	9	19 3/4	33 1/4	—	23	10 5/8	30 3/8	24 11/16	13 1/2	6 3/8	30 15/16	32 1/8	36 3/4	23 1/2	12 7/8	22 1/2	2 1/2	1 7/16	3/8 X 3/16	1 7/16	3/8 X 3/16
11-61	9 7/16	10 9/16	11	26	42 7/16	—	28 1/16	13	39	30 1/8	16 7/16	7 3/4	39 11/16	41 1/16	46 7/8	28 3/4	15 3/4	26	2 1/2	1 11/16	3/8 X 3/16	1 15/16	1/2 X 1/4
13-61	11 1/4	12 7/16	13	28	47 7/16	—	33 3/16	15 3/8	43 3/8	35 5/8	19 7/16	8 5/8	44 3/16	45 13/16	52 5/8	34	18 5/8	27 1/4	3	1 15/16	1/2 X 1/4	1 15/16	1/2 X 1/4
15-61	12 15/16	14 5/16	15	29	51 3/8	—	38 1/4	17 3/4	46 3/4	41	22 2/3	9 1/2	47 5/8	49 1/2	57 3/8	39 1/8	21 7/16	32 3/4	3 1/2	1 15/16	1/2 X 1/4	2 3/16	1/2 X 1/4
17-61	14 5/8	16 3/8	17	30 1/4	55 11/16	—	43 7/16	20 1/8	50 3/8	46 5/8	25 7/16	10	51 7/16	53 9/16	62 1/2	44 1/2	24 3/8	29 1/4	3 1/2	2 3/16	1/2 X 1/4	2 3/16	1/2 X 1/4
19-61	16 1/4	18 3/16	19	31 1/4	59 9/16	—	48 3/8	22 7/16	53 11/16	51 7/8	28 5/16	10 7/8	54 13/16	57 3/16	67 1/8	49 3/4	27 1/8	31	3 1/2	2 3/16	1/2 X 1/4	2 7/16	5/8 X 5/16
21-61	17 15/16	20 1/8	21	36 1/2	67 13/16	—	51 9/16	23	59 1/2	57 1/8	31 5/16	12 1/4	62 5/16	65 1/16	74 7/8	54 3/8	29 15/16	37	4 1/2	2 7/16	5/8 X 5/16	2 11/16	5/8 X 5/16
23-61	19 5/8	22	23	37 1/2	71 13/16	—	57 1/4	26	63 1/2	62 1/2	34 5/16	13 1/16	65 11/16	68 3/4	79 7/8	59 7/16	32 13/16	40	4 1/2	2 11/16	5/8 X 5/16	2 15/16	3/4 X 3/8
26-61	22 1/8	24 13/16	26	41 3/4	80 3/8	2 1/2	64 1/4	28 1/2	70 1/4	70 1/2	38 5/8	14 5/16	73 5/8	77	89 9/16	67 3/4	37 3/16	44 1/2	5	2 11/16	5/8 X 5/16	2 15/16	3/4 X 3/8

Size	Z						AA	AB	AC	AD	AE	AF	AG	AG1	AJ	AK	AL	AM	Max. Mtr. Frame	
	OT-20		WTH-15		OTH-15														ODP	TEFC
	SFT	KWY	SFT	KWY	SFT	KWY														
7-61	—	—	1 3/16	1/4 X 1/8	1 3/16	1/4 X 1/8	22 13/16	23 5/16	14 1/16	24 1/2	23 5/16	14 1/16	3 15/16	3 15/16	8 5/8	6 5/8	16 1/4	25 3/8	145T	145T
9-61	—	—	1 7/16	3/8 X 3/16	1 7/16	3/8 X 3/16	30 3/8	28 3/4	17	32 5/8	28 3/4	17	5	5	10 3/8	8	19 7/16	31 3/16	184T	184T
11-61	2 3/16	1/2 X 1/4	1 11/16	3/8 X 3/16	1 15/16	1/2 X 1/4	39	35 1/4	20 7/8	41 3/4	38 1/4	20 7/8	5 7/8	5 7/8	12 1/8	9 5/8	21	34 1/2	215T	213T
13-61	2 3/16	1/2 X 1/4	1 15/16	1/2 X 1/4	2 3/16	1/2 X 1/4	43 3/8	41 5/8	24 5/8	46 5/8	41 5/8	24 5/8	6 15/16	6 3/4	10 3/4	—	25 1/2	40 15/16	256T	254T
15-61	2 7/16	5/8 X 5/16	1 15/16	1/2 X 1/4	2 7/16	5/8 X 5/16	46 11/16	47 15/16	28 3/8	50 7/16	47 15/16	28 3/8	7 13/16	7 5/8	13 7/8	—	26	43 3/16	256T	254T
17-61	2 7/16	5/8 X 5/16	1 15/16	1/2 X 1/4	2 7/16	5/8 X 5/16	50 3/8	54 1/2	32 1/4	54 5/8	54 1/2	32 1/4	8 7/8	8 7/8	13 1/2	—	25	45	254T	215T
19-61	2 11/16	5/8 X 5/16	2 7/16	5/8 X 5/16	2 11/16	5/8 X 5/16	53 7/8	60 11/16	35 7/8	58 3/8	60 11/16	35 7/8	9 3/4	9 3/4	14 3/8	—	26	47 3/4	256T	254T
21-61	2 15/16	3/4 X 3/8	2 7/16	5/8 X 5/16	2 15/16	3/4 X 3/8	60 15/16	65 5/8	38 3/8	66 7/16	65 5/8	38 3/8	10 7/8	10 7/8	13 1/8	—	30	54 1/2	286T	284T
23-61	3 7/16	7/8 X 7/16	2 11/16	5/8 X 5/16	2 15/16	3/4 X 3/8	64 1/4	72 1/16	42 3/8	70 5/16	72 1/16	42 3/8	11 7/16	11 11/16	14 5/8	—	30	55 7/8	286T	284T
26-61	3 7/16	7/8 X 7/16	2 11/16	3/4 X 3/8	3 7/16	7/8 X 7/8	72 5/16	81 3/4	48 13/16	78 15/16	81 3/4	47 13/16	12 11/16	12 15/16	16 7/8	—	36	64 3/8	326T	324T

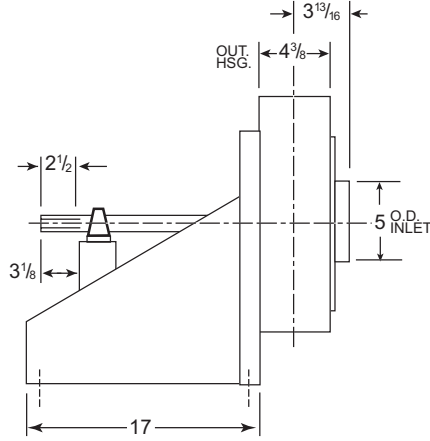
Notes: Dimensions should not be used for construction. Certified drawings are available upon request.

## Series 5 - 61, Arrangement 10

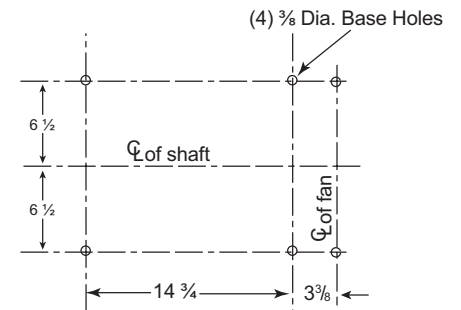
Note: CW rotation shown; CCW rotation similar by opposite.



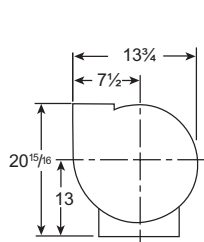
THD



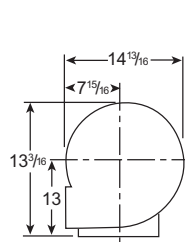
Maximum Motor Frame	
ODP	TEFC
56	56
SFT: 1 3/16	KWY: 1/4 x 1/8



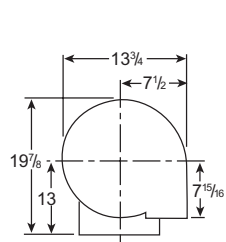
Foundation Plan



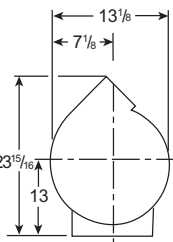
UDB



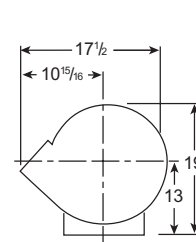
BHD



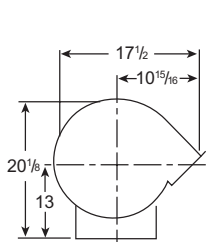
DBD



TAUD 45°



BAUD 45°

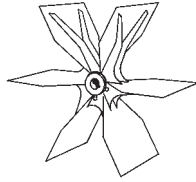


TADD 45°

# Type OT - Performance Data

IndustraCon

## 5-61

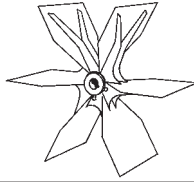


WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
8 <sup>3</sup> / <sub>4</sub> "	2.29"	5"	.13 sq. ft.	4 <sup>3</sup> / <sub>8</sub> " x 4 <sup>13</sup> / <sub>16</sub> "	0.14 sq. ft.

Legend:  = OT15

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
140	1000	1268	0.03	1664	0.06	1986	0.09	2264	0.12	2513	0.16	2740	0.20	2950	0.25	3147	0.29	3332	0.34
168	1200	1342	0.04	1722	0.07	2032	0.11	2303	0.14	2546	0.18	2769	0.23	2976	0.27	3170	0.32	3353	0.37
196	1400	1423	0.05	1789	0.09	2088	0.13	2350	0.17	2587	0.21	2806	0.25	3009	0.30	3199	0.35	3380	0.40
224	1600	1509	0.07	1861	0.11	2151	0.15	2406	0.19	2637	0.24	2850	0.28	3049	0.33	3236	0.38	3414	0.44
252	1800	1601	0.08	1939	0.13	2221	0.17	2469	0.22	2694	0.27	2902	0.32	3096	0.37	3280	0.43	3464	0.48
280	2000	1697	0.10	2021	0.15	2295	0.20	2537	0.25	2756	0.31	2959	0.36	3150	0.41	3329	0.47	3501	0.53
308	2200	1798	0.13	2107	0.18	2373	0.24	2609	0.29	2824	0.35	3022	0.40	3208	0.46	3385	0.52	3553	0.58
336	2400	1903	0.15	2196	0.21	2455	0.27	2685	0.33	2895	0.39	3090	0.45	3272	0.52	3445	0.58	3610	0.64
364	2600	2013	0.18	2289	0.25	2540	0.31	2765	0.38	2970	0.44	3161	0.51	3340	0.57	3509	0.64	3671	0.71
392	2800	2127	0.22	2386	0.29	2627	0.36	2847	0.43	3048	0.50	3235	0.57	3411	0.64	3578	0.71	3736	0.78
420	3000	2243	0.26	2486	0.33	2718	0.40	2932	0.48	3129	0.55	3313	0.63	3485	0.70	3649	0.78	3805	0.86
448	3200	2362	0.30	2589	0.38	2811	0.46	3019	0.54	3212	0.62	3392	0.70	3562	0.78	3723	0.86	3877	0.94
476	3400	2493	0.35	2695	0.43	2908	0.51	3109	0.60	3298	0.69	3475	0.77	3642	0.86	3800	0.94	3951	1.03
504	3600	2605	0.41	2805	0.49	3007	0.59	3202	0.69	3386	0.76	3559	0.85	3723	0.94	3879	1.03	4028	1.12
532	3800	2730	0.47	2916	0.55	3109	0.65	3297	0.74	3476	0.84	3645	0.93	3807	1.03	3960	1.12	4107	1.22
560	4000	2855	0.54	3031	0.63	3213	0.72	3394	0.82	3568	0.92	3724	1.02	3892	1.13	4043	1.23	4188	1.33
588	4200	2981	0.61	3147	0.70	3320	0.80	3494	0.91	3662	1.01	3824	1.12	3980	1.23	4128	1.33	4271	1.44
616	4400	3109	0.70	3265	0.79	3430	0.89	3596	1.00	3759	1.11	3917	1.22	4069	1.34	4215	1.45	4355	1.56
644	4600	3237	0.79	3385	0.88	3541	0.99	3701	1.10	3858	1.22	4012	1.33	4160	1.45	4303	1.57	4441	1.68
672	4800	3365	0.89	3506	0.99	3655	1.10	3807	1.21	3959	1.33	4108	1.45	4253	1.57	4393	1.69	4529	1.81
700	5000	3495	0.99	3629	1.10	3770	1.21	3916	1.33	4062	1.45	4207	1.58	4348	1.70	4485	1.83	4619	1.95
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
196	1400	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
224	1600	3552	0.46	3716	0.51	3873	0.57	4025	0.63	4171	0.69	4312	0.76	4449	0.82	4582	0.89	4711	0.96
252	1800	3583	0.49	3745	0.55	3900	0.61	4050	0.68	4195	0.74	4335	0.81	4470	0.87	4602	0.94	4731	1.01
280	2000	3621	0.54	3780	0.60	3933	0.66	4081	0.72	4224	0.79	4363	0.86	4497	0.93	4627	1.00	4755	1.07
308	2200	3664	0.59	3821	0.65	3972	0.72	4118	0.78	4259	0.85	4395	0.92	4528	0.99	4657	1.07	4783	1.14
336	2400	3713	0.65	3867	0.71	4016	0.78	4160	0.85	4299	0.92	4433	0.98	4565	1.06	4692	1.14	4817	1.21
364	2600	3767	0.71	3919	0.78	4065	0.85	4206	0.92	4343	0.99	4476	1.06	4606	1.14	4732	1.22	4855	1.30
392	2800	3826	0.78	3975	0.85	4119	0.92	4258	1.00	4393	1.07	4524	1.15	4651	1.23	4776	1.31	4897	1.39
420	3000	3869	0.85	4035	0.93	4177	1.00	4314	1.08	4446	1.16	4576	1.24	4701	1.32	4824	1.40	4944	1.48
448	3200	3937	0.93	4099	1.01	4238	1.09	4373	1.17	4504	1.25	4631	1.33	4755	1.42	4876	1.50	4986	1.59
476	3400	4024	1.02	4166	1.10	4303	1.18	4436	1.27	4565	1.35	4691	1.44	4813	1.53	4932	1.61	5049	1.70
504	3600	4097	1.11	4236	1.20	4372	1.28	4502	1.37	4630	1.46	4753	1.55	4874	1.64	4992	1.73	5107	1.82
532	3800	4171	1.21	4309	1.30	4442	1.39	4571	1.48	4697	1.57	4819	1.67	4938	1.76	5054	1.86	5168	1.95
560	4000	4248	1.31	4394	1.41	4516	1.50	4643	1.60	4767	1.70	4887	1.79	5005	1.89	5119	1.99	5232	2.09
588	4200	4327	1.42	4461	1.52	4591	1.62	4717	1.72	4839	1.83	4958	1.93	5074	2.03	5187	2.13	5298	2.23
616	4400	4408	1.54	4540	1.65	4668	1.75	4792	1.86	4913	1.96	5031	2.07	5145	2.17	5257	2.28	5367	2.39
644	4600	4490	1.67	4621	1.78	4747	1.89	4870	2.00	4989	2.11	5105	2.22	5219	2.33	5329	2.44	5438	2.55
672	4800	4574	1.80	4703	1.91	4828	2.03	4949	2.14	5067	2.26	5182	2.37	5294	2.49	5403	2.60	5511	2.72
700	5000	4660	1.93	4787	2.05	4911	2.17	5030	2.29	5147	2.41	5260	2.53	5371	2.65	5479	2.77	5585	2.89
728	5200	4748	2.08	4873	2.21	4995	2.33	5113	2.46	5228	2.58	5340	2.70	5450	2.83	5557	2.95	5662	3.08
756	5400	4837	2.23	4960	2.36	5080	2.49	5197	2.62	5311	2.75	5421	2.88	5530	3.01	5636	3.14	5739	3.27
784	5600	4927	2.39	5049	2.53	5167	2.67	5282	2.80	5395	2.94	5504	3.07	5611	3.21	5716	3.34	5819	3.47
812	5800	5019	2.56	5139	2.70	5255	2.85	5369	2.99	5480	3.13	5588	3.27	5694	3.41	5798	3.55	5900	3.69
840	6000	5113	2.74	5230	2.89	5345	3.03	5457	3.18	5567	3.32	5674	3.47	5779	3.62	5881	3.76	5982	3.91
868	6200	5209	2.93	5324	3.08	5436	3.23	5547	3.38	5655	3.53	5761	3.68	5864	3.83	5966	3.98	6065	4.13
896	6400	5305	3.12	5418	3.28	5529	3.44	5638	3.59	5744	3.75	5849	3.91	5951	4.06	6051	4.22	6150	4.37
924	6600	5404	3.33	5515	3.49	5623	3.65	5730	3.81	5835	3.98	5938	4.14	6039	4.30	6138	4.46	6235	4.62
952	6800	5504	3.55	5612	3.71	5719	3.88	5824	4.05	5927	4.21	6029	4.38	6128	4.55	6226	4.71	6322	4.88
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
252	1800	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
280	2000	5000	1.22	5233	1.38	5457	1.54	5673	1.71	5881	1.89	6081	2.07	6276	2.25	6464	2.45		
308	2200	5026	1.29	5258	1.45	5480	1.62	5694	1.79	5901	1.97	6100	2.15	6294	2.34	6482	2.53		
336	2400	5057	1.37	5286	1.54	5507	1.70	5719	1.88	5924	2.06	6123	2.25	6315	2.44				
364	2600	5092	1.46	5319	1.62	5538	1.80	5748	1.98	5952	2.16	6149	2.35	6340	2.54				
392	2800	5132	1.55	5356	1.72	5573	1.90	5781	2.08	5983	2.27	6178	2.46	6368	2.66				
420	3000	5175	1.65	5398	1.83	5612	2.01	5818	2.20	6018	2.39	6211	2.59	6399	2.79				
448	3200	5223	1.77	5443	1.95	5654	2.13	5859	2.32	6056	2.52	6248	2.72	6434	2.92				
476	3400	5275	1.88	5492	2.07	5701	2.26	5903	2.46	6098	2.66	6288	2.86	6473	3.07				
504	3600	5330	2.01	5544	2.20	5751	2.40	5950	2.60	6144	2.81	6332	3.02						
532	3800	5388	2.15	5599	2.35	5804	2.55	6001	2.75	6193	2.96	6379	3.18						
560	4000	5449	2.29	5658	2.50	5860	2.70	6055	2.92	6245	3.13	6429	3.35						
588	4200	5513	2.44	5719	2.65	5919	2.87	6112	3.09	6300	3.31	6482	3.54						
616	4400	5579	2.60	5783	2.82	5981	3.04	6172	3.27	6357	3.50								
644	4600	5648	2.77																

## 7-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
12 <sup>1</sup> / <sub>4</sub> "	3.21'	7"	.25 sq. ft.	6 <sup>1</sup> / <sub>8</sub> " x 6 <sup>13</sup> / <sub>16</sub> "	0.27 sq. ft.

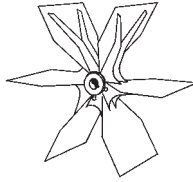
Legend:  = OT15

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
270	1000	<b>866</b>	<b>0.05</b>	1153	0.09	1383	0.13	1579	0.18	1754	0.23	1915	0.29	2063	0.35	2202	0.41	2334	0.47
324	1200	912	0.06	1183	0.11	1408	0.16	1602	0.21	1774	0.27	1931	0.33	2077	0.39	2213	0.45	2343	0.52
378	1400	962	0.07	<b>1222</b>	<b>0.13</b>	1438	0.18	1628	0.24	1798	0.31	1953	0.37	2096	0.44	2231	0.51	2358	0.58
432	1600	1019	0.09	1266	0.15	<b>1473</b>	<b>0.21</b>	1657	0.28	1824	0.35	1978	0.42	2120	0.49	2252	0.57	2378	0.64
486	1800	1079	0.11	1314	0.18	1514	0.25	1691	0.32	1854	0.39	2005	0.47	2145	0.55	2277	0.63	2401	0.71
540	2000	1144	0.14	1366	0.21	1560	0.28	<b>1731</b>	<b>0.36</b>	1888	0.44	2035	0.52	2173	0.61	2303	0.70	2426	0.79
594	2200	1214	0.17	1422	0.25	1608	0.33	1775	0.41	<b>1928</b>	<b>0.49</b>	2070	0.58	2204	0.67	2332	0.77	2454	0.86
648	2400	1287	0.21	1481	0.29	1659	0.37	1822	0.46	1971	0.55	<b>2109</b>	<b>0.65</b>	2240	0.74	2364	0.84	2483	0.94
702	2600	1362	0.25	1543	0.33	1714	0.42	1871	0.52	2017	0.62	2152	0.72	<b>2279</b>	<b>0.82</b>	<b>2400</b>	<b>0.92</b>	2517	1.02
756	2800	1441	0.30	1608	0.39	1772	0.48	1923	0.58	2065	0.69	2198	0.79	2322	0.90	2441	1.01	2554	1.12
810	3000	1521	0.36	1677	0.45	1832	0.55	1979	0.65	2115	0.76	2245	0.87	2368	0.99	2484	1.10	2594	1.22
864	3200	1604	0.43	1748	0.52	1894	0.62	2036	0.73	2168	0.84	2294	0.96	2415	1.08	2529	1.20	2638	1.32
918	3400	1689	0.51	1821	0.59	1959	0.70	2095	0.81	2224	0.93	2346	1.05	2463	1.18	2576	1.31	2683	1.44
972	3600	1775	0.59	1896	0.68	2027	0.78	2156	0.90	2282	1.03	2401	1.16	2514	1.29	2624	1.42	2730	1.56
1026	3800	1862	0.69	1973	0.78	2098	0.88	2220	1.00	2341	1.13	2458	1.27	2568	1.40	2674	1.54	2778	1.68
1080	4000	1950	0.80	2053	0.88	2170	0.99	2286	1.11	2402	1.24	2516	1.38	2624	1.53	2728	1.67	2828	1.82
1134	4200	2039	0.92	2134	1.00	2243	1.11	2355	1.23	2466	1.37	2575	1.51	2681	1.66	2783	1.81	2881	1.96
1188	4400	2128	1.05	2216	1.13	2318	1.24	2426	1.37	2531	1.50	2637	1.65	2740	1.80	2840	1.96	2936	2.11
1242	4600	2218	1.19	2300	1.28	2395	1.39	2498	1.51	2599	1.65	2700	1.80	2800	1.95	2898	2.11	2992	2.28
1296	4800	2307	1.34	2384	1.43	2474	1.54	2571	1.67	2669	1.81	2765	1.96	2862	2.12	2957	2.28	3050	2.45
1350	5000	2398	1.51	2470	1.60	2554	1.71	2645	1.84	2740	1.98	2833	2.13	2926	2.29	3018	2.46	3108	2.63
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
378	1400	2478	0.65	2594	0.73	2705	0.81	2812	0.89	2915	0.97	3015	1.06	3112	1.14	3205	1.23	3297	1.32
432	1600	2497	0.72	2611	0.80	2720	0.88	2825	0.97	2927	1.06	3025	1.14	3121	1.24	3214	1.33	3304	1.42
486	1800	2519	0.80	2631	0.88	2739	0.97	2843	1.06	2943	1.15	3041	1.24	3135	1.34	3227	1.43	3316	1.53
540	2000	2543	0.88	2655	0.97	2762	1.06	2864	1.15	2964	1.25	3060	1.35	3153	1.44	3244	1.55	3332	1.65
594	2200	2569	0.96	2680	1.06	2786	1.16	2888	1.26	2987	1.36	3082	1.46	3174	1.56	3264	1.67	3351	1.77
648	2400	2597	1.04	2707	1.15	2812	1.25	2914	1.36	3012	1.47	3106	1.58	3198	1.69	3287	1.80	3373	1.91
702	2600	2628	1.13	2736	1.24	2840	1.35	2941	1.47	3038	1.58	3132	1.70	3223	1.82	3311	1.93	3397	2.05
756	2800	2663	1.23	2768	1.34	2871	1.46	2970	1.58	3065	1.70	3159	1.82	3249	1.95	3337	2.07	3423	2.20
810	3000	<b>2701</b>	<b>1.33</b>	2804	1.45	2904	1.57	3001	1.70	3096	1.82	3187	1.95	3277	2.08	3364	2.21	3449	2.34
864	3200	2742	1.45	<b>2843</b>	<b>1.57</b>	<b>2941</b>	<b>1.70</b>	<b>3036</b>	<b>1.82</b>	3128	1.95	3219	2.09	3307	2.22	3393	2.36	3477	2.50
918	3400	2786	1.57	2885	1.70	2981	1.83	<b>3074</b>	<b>1.96</b>	3164	2.09	3253	2.23	3340	2.37	3424	2.51	3507	2.65
972	3600	2831	1.69	2929	1.83	3023	1.97	3114	2.10	<b>3203</b>	<b>2.24</b>	<b>3290</b>	<b>2.38</b>	3375	2.53	3458	2.67	3540	2.82
1026	3800	2878	1.82	2974	1.97	3067	2.11	3157	2.26	3245	2.40	3330	2.55	<b>3413</b>	<b>2.70</b>	3495	2.85	3575	3.00
1080	4000	2926	1.96	3021	2.11	3113	2.27	3202	2.42	3288	2.57	3372	2.72	3454	2.87	<b>3534</b>	<b>3.03</b>	<b>3613</b>	<b>3.19</b>
1134	4200	2976	2.11	3069	2.27	3160	2.43	3248	2.59	3333	2.74	3416	2.90	3497	3.06	3576	3.22	3653	3.38
1188	4400	3029	2.27	3119	2.43	3208	2.60	3295	2.76	3380	2.93	3462	3.09	3542	3.26	3620	3.43	3696	3.59
1242	4600	3083	2.44	3172	2.61	3258	2.77	3344	2.94	3427	3.12	3508	3.29	3587	3.46	3664	3.64	3740	3.81
1296	4800	3139	2.62	3226	2.79	3311	2.96	3394	3.14	3476	3.32	3556	3.50	3634	3.68	3710	3.86	3785	4.04
1350	5000	3196	2.81	3282	2.99	3365	3.17	3446	3.34	3526	3.53	3604	3.71	3682	3.90	3757	4.08	3831	4.27
1404	5200	3255	3.01	3339	3.19	3421	3.38	3500	3.56	3578	3.75	3655	3.94	3731	4.13	3805	4.32	3878	4.52
1458	5400	3314	3.22	3397	3.41	3477	3.60	3556	3.79	3633	3.98	3707	4.18	3782	4.37	3855	4.57	3927	4.77
1512	5600	3375	3.44	3456	3.64	3535	3.84	3613	4.03	3688	4.23	3762	4.43	3834	4.63	3906	4.83	3976	5.04
1566	5800	3437	3.68	3516	3.88	3594	4.08	3670	4.29	3745	4.49	3818	4.70	3889	4.90	3959	5.11	4028	5.31
1620	6000	3501	3.94	3578	4.14	3654	4.34	3729	4.55	3802	4.76	3874	4.97	3945	5.18	4014	5.40	4081	5.61
1674	6200	3567	4.21	3641	4.41	3715	4.62	3788	4.83	3861	5.04	3932	5.26	4001	5.48	4069	5.70		
1728	6400	3634	4.49	3706	4.70	3778	4.91	3849	5.12	3920	5.34	3990	5.56						
1782	6600	3703	4.80	3772	5.00	3842	5.21	3912	5.43	3981	5.65								
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
486	1800	3488	1.73	3653	1.94	3811	2.15	3963	2.37	4110	2.60	4251	2.83	4389	3.06	4522	3.30	4651	3.54
540	2000	3502	1.86	3665	2.07	3821	2.30	3972	2.52	4117	2.76	4258	3.00	4394	3.24	4526	3.49	4655	3.74
594	2200	3520	1.99	3681	2.22	3835	2.45	3984	2.68	4128	2.92	4267	3.17	4402	3.42	4534	3.68	4662	3.94
648	2400	3540	2.14	3700	2.37	3853	2.61	4000	2.85	4142	3.10	4280	3.36	4414	3.62	4544	3.88	4671	4.15
702	2600	3563	2.29	3721	2.53	3873	2.78	4019	3.03	4160	3.29	4297	3.55	4429	3.82	4558	4.09		
756	2800	3587	2.45	3745	2.70	3895	2.96	4040	3.22	4180	3.49	4315	3.76	4447	4.04	4574	4.32		
810	3000	3613	2.61	3769	2.88	3919	3.15	4063	3.42	4202	3.70	4336	3.98	4467	4.27	4593	4.56		
864	3200	3640	2.77	3795	3.06	3944	3.34	4087	3.63	4226	3.92	4359	4.21	4489	4.51	4614	4.81		
918	3400	3668	2.94	3822	3.24	3970	3.54	4113	3.84	4250	4.14	4383	4.45	4512	4.76	4637	5.07		
972	3600	3698	3.12	3851	3.43	3997	3.74	4139	4.05	4276	4.37	4408	4.69	4537	5.01	4661	5.34		
1026	3800	3731	3.31	3881	3.62	4026	3.95	4167	4.27	4303	4.60	4434	4.93	4562	5.27				
1080	4000	3766	3.50	3914	3.83	4057	4.16	4196	4.50	4331	4.84	4461	5.18	4588	5.53				
1134	4200	<b>3804</b>	<b>3.71</b>	3949	4.04	4090	4.38	4227	4.73	4360	5.08	4490	5.44	4616	5.80				
1188	4400	3844	3.93																

# Type OT - Performance Data

IndustraCon

## 9-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
15 <sup>5</sup> / <sub>8</sub> "	4.09'	9"	.42 sq. ft.	7 <sup>3</sup> / <sub>4</sub> " x 8 <sup>5</sup> / <sub>8</sub> "	0.44 sq. ft.

Legend:  = OT15  = OT17

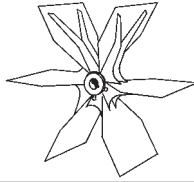
CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
440	1000	<b>679</b>	<b>0.07</b>	904	0.14	1084	0.22	1238	0.29	1376	0.38	1501	0.47	1618	0.56	1727	0.66	1829	0.76
528	1200	715	0.09	928	0.17	1104	0.26	1256	0.34	1391	0.44	1514	0.53	1628	0.63	1735	0.74	1837	0.85
616	1400	754	0.12	<b>958</b>	<b>0.21</b>	1127	0.30	1276	0.40	1410	0.50	1531	0.61	1643	0.71	1749	0.83	1848	0.94
704	1600	799	0.15	993	0.24	<b>1155</b>	<b>0.35</b>	1299	0.45	1430	0.57	1551	0.68	1662	0.80	1766	0.92	1864	1.05
792	1800	846	0.18	1030	0.29	1187	0.40	1326	0.52	1454	0.64	1572	0.76	1682	0.89	1785	1.03	1882	1.16
880	2000	897	0.23	1071	0.34	1223	0.46	<b>1357</b>	<b>0.59</b>	1481	0.72	1596	0.85	1704	0.99	1806	1.13	1902	1.28
968	2200	952	0.28	1115	0.40	1260	0.53	1392	0.67	<b>1511</b>	<b>0.80</b>	1623	0.95	1728	1.09	1828	1.24	1924	1.40
1056	2400	1009	0.34	1161	0.47	1301	0.61	1428	0.75	1545	0.90	<b>1654</b>	<b>1.05</b>	1756	1.21	1854	1.36	1947	1.53
1144	2600	1068	0.41	1210	0.54	1344	0.69	1467	0.84	1581	1.00	1687	1.17	<b>1787</b>	<b>1.33</b>	<b>1882</b>	<b>1.50</b>	1973	1.67
1232	2800	1129	0.50	1261	0.63	1389	0.78	1508	0.95	1619	1.12	1723	1.29	1821	1.46	1913	1.64	<b>2002</b>	<b>1.82</b>
1320	3000	1193	0.59	1315	0.73	1436	0.89	1551	1.06	1658	1.24	1760	1.42	1856	1.61	1947	1.79	2034	1.98
1408	3200	1258	0.70	1371	0.84	1485	1.00	1596	1.18	1700	1.37	1799	1.56	1893	1.76	1983	1.95	2068	2.15
1496	3400	1324	0.83	1428	0.97	1536	1.13	1642	1.32	1744	1.52	1839	1.71	1931	1.92	2019	2.13	2104	2.34
1584	3600	1392	0.97	1487	1.11	1589	1.28	1691	1.47	1789	1.67	1882	1.88	1971	2.09	2057	2.31	2140	2.53
1672	3800	1460	1.12	1547	1.26	1645	1.44	1741	1.63	1835	1.84	1927	2.06	2013	2.28	2097	2.51	2178	2.74
1760	4000	1529	1.30	1609	1.44	1701	1.61	1793	1.81	1883	2.03	1972	2.25	2057	2.48	2138	2.72	2217	2.95
1848	4200	1598	1.49	1673	1.63	1759	1.81	1846	2.01	1933	2.23	2019	2.46	2102	2.70	2182	2.94	2259	3.19
1936	4400	1668	1.70	1737	1.84	1817	2.02	1902	2.23	1985	2.44	2067	2.68	2148	2.93	2226	3.18	2302	3.44
2024	4600	1739	1.93	1803	2.08	1878	2.25	1958	2.46	2038	2.68	2117	2.92	2195	3.18	2272	3.44	2346	3.71
2112	4800	1809	2.18	1869	2.33	1939	2.51	2015	2.72	2092	2.94	2168	3.18	2244	3.44	2318	3.71	2391	3.99
2200	5000	1880	2.46	1937	2.60	2002	2.78	2074	2.99	2148	3.22	2221	3.47	2294	3.73	2366	4.00	2437	4.28
CFM	OV	5.00		5.50		6.00		7.00		7.50		8.00		8.50		9.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
616	1400	1943	1.06	2034	1.19	2121	1.31	2204	1.45	2285	1.58	2364	1.72	2439	1.86	2513	2.00	2585	2.14
704	1600	1957	1.17	2047	1.30	2132	1.44	2215	1.58	2295	1.72	2372	1.86	2447	2.01	2520	2.16	2591	2.31
792	1800	1975	1.30	2063	1.43	2147	1.58	2229	1.72	2308	1.87	2384	2.02	2458	2.17	2530	2.33	2600	2.49
880	2000	1994	1.43	2081	1.57	2165	1.72	2246	1.88	2324	2.03	2399	2.19	2472	2.35	2543	2.51	2612	2.68
968	2200	2014	1.56	2101	1.72	2184	1.88	2264	2.04	2342	2.21	2416	2.37	2489	2.54	2559	2.71	2627	2.89
1056	2400	2036	1.70	2122	1.87	2205	2.04	2284	2.21	2361	2.39	2435	2.57	2507	2.74	2577	2.92	2645	3.11
1144	2600	2061	1.84	2145	2.02	2227	2.20	2305	2.39	2382	2.58	2455	2.76	2527	2.95	2596	3.14	2664	3.34
1232	2800	2088	2.00	2170	2.19	2251	2.38	2328	2.57	2403	2.77	2476	2.97	2547	3.17	2616	3.37	2683	3.57
1320	3000	<b>2118</b>	<b>2.17</b>	2198	2.36	2277	2.56	2353	2.76	2427	2.97	2499	3.18	2569	3.39	2637	3.60	2704	3.81
1408	3200	2150	2.35	<b>2229</b>	<b>2.55</b>	<b>2305</b>	<b>2.76</b>	2380	2.97	2453	3.18	2524	3.40	2593	3.62	2660	3.84	2726	4.06
1496	3400	2184	2.55	2262	2.76	2337	2.97	<b>2410</b>	<b>3.19</b>	2481	3.41	2550	3.63	2618	3.86	2685	4.09	2750	4.32
1584	3600	2220	2.75	2296	2.97	2370	3.20	2442	3.42	<b>2511</b>	<b>3.65</b>	<b>2579</b>	<b>3.88</b>	2646	4.11	2711	4.35	2775	4.59
1672	3800	2256	2.97	2332	3.20	2405	3.44	2475	3.67	2544	3.91	2611	4.15	<b>2676</b>	<b>4.39</b>	2740	4.63	2803	4.88
1760	4000	2294	3.20	2369	3.44	2441	3.69	2510	3.93	2578	4.18	2644	4.43	2708	4.68	<b>2771</b>	<b>4.93</b>	<b>2833</b>	<b>5.18</b>
1848	4200	2333	3.44	2406	3.69	2478	3.95	2547	4.21	2613	4.46	2678	4.72	2742	4.98	2804	5.24	2864	5.51
1936	4400	2374	3.69	2446	3.96	2515	4.22	2583	4.49	2650	4.76	2714	5.03	2777	5.30	2838	5.57	2898	5.84
2024	4600	2417	3.97	2487	4.24	2555	4.51	2621	4.79	2687	5.07	2750	5.35	2812	5.64	2873	5.92	2932	6.20
2112	4800	2461	4.26	2529	4.54	2595	4.82	2661	5.11	2725	5.39	2788	5.69	2849	5.98	2909	6.27	2968	6.57
2200	5000	2506	4.57	2573	4.86	2638	5.15	2702	5.44	2764	5.74	2826	6.04	2886	6.34	2946	6.64	3004	6.95
2288	5200	2552	4.90	2618	5.20	2682	5.50	2744	5.80	2805	6.10	2866	6.40	2925	6.72	2983	7.03	3041	7.35
2376	5400	2598	5.24	2663	5.55	2726	5.86	2788	6.17	2848	6.48	2907	6.79	2965	7.11	3022	7.43	3079	7.76
2464	5600	2646	5.60	2709	5.92	2772	6.24	2832	6.56	2892	6.89	2949	7.21	3006	7.53	3062	7.86	3118	8.19
2552	5800	2695	5.99	2757	6.31	2818	6.64	2877	6.97	2936	7.31	2993	7.64	3049	7.97	3104	8.31	3158	8.65
2640	6000	2745	6.40	2805	6.73	2865	7.06	2923	7.40	2981	7.74	3037	8.09	3093	8.44	3147	8.78	3200	9.12
2728	6200	2797	6.84	2855	7.17	2913	7.51	2970	7.85	3027	8.20	3082	8.56	3137	8.92	3190	9.27	3243	9.63
2816	6400	2849	7.31	2906	7.64	2962	7.98	3018	8.33	3073	8.69	3128	9.05	3182	9.42	3235	9.78	3286	10.15
2904	6600	2903	7.81	2958	8.14	3012	8.48	3067	8.83	3121	9.20	3175	9.56	3227	9.94	3280	10.32	3331	10.69
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
792	1800	2735	2.82	2864	3.16	2988	3.50	3107	3.86	3222	4.22	3333	4.60	3441	4.98	3545	5.37	3647	5.77
880	2000	2746	3.02	2873	3.37	2996	3.73	3114	4.11	3228	4.49	3338	4.87	3445	5.27	3549	5.67	3650	6.08
968	2200	2760	3.24	2886	3.60	3007	3.98	3124	4.36	3236	4.76	3346	5.16	3451	5.57	3554	5.99	3655	6.42
1056	2400	2776	3.48	2901	3.85	3021	4.24	3136	4.64	3248	5.04	3356	5.46	3461	5.88	3563	6.32	3662	6.76
1144	2600	2793	3.72	2917	4.12	3036	4.52	3151	4.93	3261	5.35	3368	5.78	3472	6.22	3573	6.66	3672	7.11
1232	2800	2813	3.98	2936	4.40	3054	4.82	3167	5.25	3277	5.68	3383	6.12	3486	6.57	3586	7.03	3684	7.49
1320	3000	2833	4.25	2955	4.68	3073	5.12	3185	5.57	3294	6.02	3400	6.48	3502	6.95	3601	7.42	3698	7.90
1408	3200	2853	4.51	2975	4.97	3092	5.44	3205	5.91	3313	6.38	3418	6.85	3519	7.34	3618	7.83	3714	8.32
1496	3400	2876	4.79	2996	5.27	3113	5.76	3225	6.25	3332	6.74	3436	7.24	3537	7.74	3636	8.25	3731	8.76
1584	3600	2899	5.08	3019	5.58	3134	6.08	3245	6.59	3352	7.11	3456	7.63	3557	8.15	3654	8.68	3749	9.21
1672	3800	2925	5.38	3043	5.90	3157	6.42	326											



# Performance Data - Type OT

IndustraCon

# 11-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
19 1/8"	5.01'	11"	.62 sq. ft.	9 7/16" x 10 9/16"	0.66 sq. ft.

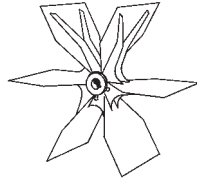
Legend:  = OT15  = OT17  = OT20

CFM	OV	STATIC PRESSURE																	
		1.00		1.50		2.00		2.50		3.00		3.50		4.00		5.00		6.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
660	1000	712	0.18	856	0.28	979	0.38	1088	0.48	1186	0.58	1278	0.69	1363	0.80	1519	1.04	1662	1.30
792	1200	<b>730</b>	<b>0.22</b>	870	0.33	991	0.44	1099	0.56	1197	0.68	1287	0.80	1372	0.93	1526	1.18	1667	1.45
924	1400	753	0.27	<b>888</b>	<b>0.38</b>	1006	0.51	1112	0.64	1209	0.78	1299	0.92	1383	1.06	1536	1.34	1675	1.63
1056	1600	780	0.32	908	0.45	<b>1023</b>	<b>0.58</b>	1127	0.73	1222	0.87	1311	1.03	1394	1.18	1547	1.50	1686	1.83
1188	1800	812	0.38	933	0.52	1043	0.67	<b>1145</b>	<b>0.82</b>	1239	0.98	1326	1.14	1407	1.31	1559	1.66	1697	2.02
1320	2000	847	0.46	962	0.60	1066	0.76	1165	0.93	<b>1257</b>	<b>1.10</b>	1343	1.27	1423	1.45	1572	1.82	1709	2.21
1452	2200	<b>883</b>	<b>0.54</b>	<b>994</b>	<b>0.70</b>	1094	0.87	1187	1.04	1276	1.22	<b>1361</b>	<b>1.41</b>	1440	1.60	1587	2.00	1722	2.40
1584	2400	<b>921</b>	<b>0.63</b>	<b>1028</b>	<b>0.81</b>	1124	0.98	1214	1.17	1299	1.36	1381	1.56	<b>1459</b>	<b>1.76</b>	1604	2.18	1737	2.61
1716	2600	<b>960</b>	<b>0.74</b>	<b>1064</b>	<b>0.93</b>	1157	1.12	1243	1.31	1325	1.51	1404	1.72	1480	1.93	<b>1622</b>	<b>2.37</b>	1754	2.83
1848	2800	1001	0.86	1101	1.06	1192	1.26	1275	1.47	1354	1.68	1430	1.90	1503	2.12	1642	2.58	1772	3.06
1980	3000	1043	0.99	1139	1.21	1227	1.42	1309	1.64	1386	1.86	1459	2.09	1529	2.32	1664	2.80	<b>1791</b>	<b>3.31</b>
2112	3200	1086	1.14	1179	1.37	1264	1.60	1344	1.83	1419	2.07	1490	2.30	1558	2.55	1688	3.04	1812	3.56
2244	3400	1130	1.31	1219	1.55	1303	1.79	1380	2.04	1453	2.29	1523	2.53	1589	2.79	1715	3.30	1835	3.84
2376	3600	1174	1.49	1261	1.74	1342	2.00	1417	2.26	1489	2.52	1557	2.78	1622	3.05	1744	3.59	1861	4.14
2508	3800	1220	1.69	1303	1.96	1382	2.33	1456	2.50	1526	2.78	1592	3.05	1655	3.33	1775	3.89	1889	4.46
2640	4000	1266	1.91	1347	2.19	1423	2.48	1495	2.76	1563	3.05	1628	3.34	1690	3.63	1808	4.21	1918	4.81
2772	4200	1313	2.16	1391	2.45	1465	2.72	1535	3.04	1601	3.34	1665	3.64	1726	3.95	1841	4.56	1950	5.18
2904	4400	1361	2.42	1436	2.72	1507	3.03	1575	3.34	1640	3.66	1703	3.97	1763	4.29	1876	4.93	1982	5.57
3036	4600	1409	2.71	1481	3.02	1550	3.34	1617	3.67	1680	3.99	1741	4.32	1800	4.65	1911	5.32	2016	5.98
3168	4800	1458	3.02	1527	3.35	1594	3.68	1659	4.02	1721	4.36	1781	4.70	1838	5.04	1948	5.73	2050	6.42
3300	5000	1507	3.36	1574	3.69	1639	4.04	1702	4.39	1762	4.74	1821	5.09	1877	5.45	1984	6.17	2086	6.89
CFM	OV	7.00		8.00		9.00		10.00		11.00		12.00		13.00		14.00		15.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
924	1400	1804	1.94	1925	2.25	2038	2.58	2146	2.93	2249	3.29	2347	3.66	2442	4.05	2533	4.44	2622	4.85
1056	1600	1813	2.15	1933	2.49	2045	2.84	2152	3.19	2253	3.56	2351	3.95	2445	4.34	2535	4.75	2623	5.17
1188	1800	1824	2.38	1943	2.75	2054	3.12	2160	3.49	2261	3.88	2358	4.28	2450	4.68	2540	5.10	2626	5.53
1320	2000	1836	2.60	1954	3.01	2065	3.41	2170	3.81	2270	4.22	2366	4.64	2458	5.06	2547	5.50	2633	5.94
1452	2200	1848	2.83	1965	3.26	2076	3.70	2181	4.14	2281	4.58	2376	5.02	2468	5.47	2556	5.93	2641	6.39
1584	2400	1861	3.05	1978	3.51	2088	3.98	2192	4.45	2292	4.93	2387	5.41	2478	5.89	2566	6.38	2651	6.87
1716	2600	1877	3.30	1991	3.78	2100	4.27	2204	4.77	2303	5.28	2398	5.79	2489	6.31	2577	6.83	2661	7.35
1848	2800	1893	3.55	2007	4.05	2114	4.57	2217	5.09	2316	5.63	2410	6.17	2501	6.72	2588	7.27	2672	7.83
1980	3000	1911	3.82	2024	4.34	2130	4.88	2232	5.43	2329	5.99	2423	6.55	2513	7.13	2600	7.71	2684	8.30
2112	3200	<b>1930</b>	<b>4.10</b>	2042	4.65	2147	5.22	2248	5.78	2344	6.36	2436	6.95	2526	7.55	2612	8.16	2696	8.77
2244	3400	1950	4.40	<b>2060</b>	<b>4.97</b>	2165	5.56	2265	6.15	2360	6.76	2452	7.36	2540	7.98	2626	8.61	2709	9.25
2376	3600	1973	4.72	2080	5.31	<b>2184</b>	<b>5.92</b>	2283	6.54	2378	7.17	2469	7.80	2556	8.44	2640	9.09	2723	9.75
2508	3800	1997	5.06	2102	5.67	2204	6.30	<b>2301</b>	<b>6.94</b>	2395	7.59	2486	8.25	2573	8.92	2657	9.59	2738	10.27
2640	4000	2024	5.42	2126	6.05	2225	6.70	2321	7.36	<b>2414</b>	<b>8.03</b>	2504	8.71	2590	9.41	2674	10.10	2755	10.81
2772	4200	2053	5.81	2153	6.45	2249	7.12	2343	7.80	2434	8.49	<b>2522</b>	<b>9.20</b>	<b>2608</b>	<b>9.91</b>	2691	10.64	2772	11.37
2904	4400	2083	6.22	2181	6.89	2275	7.57	2366	8.26	2456	8.98	2543	9.70	2627	10.44	<b>2709</b>	<b>11.19</b>	2789	11.94
3036	4600	2115	6.66	2218	7.34	2302	8.04	2391	8.76	2479	9.49	2564	10.23	2647	10.99	2728	11.76	<b>2807</b>	<b>12.53</b>
3168	4800	2148	7.12	2241	7.83	2331	8.55	2419	9.28	2504	10.03	2587	10.79	2669	11.56	2749	12.35	2827	13.15
3300	5000	2181	7.61	2273	8.34	2361	9.08	2447	9.83	2531	10.59	2612	11.37	2692	12.17	2771	12.97	2847	13.79
3432	5200	2216	8.13	2306	8.88	2393	9.64	2477	10.41	2559	11.19	2639	11.99	2717	12.80	2794	13.62	2869	14.46
3564	5400	2251	8.67	2340	9.45	2426	10.23	2508	11.02	2588	11.83	2667	12.64	2743	13.46	2819	14.30	2893	15.16
3696	5600	2287	9.24	2375	10.04	2459	10.85	2540	11.66	2619	12.49	2696	13.32	2771	14.16	2845	15.02	2918	15.89
3828	5800	2324	9.83	2410	10.66	2493	11.50	2573	12.34	2651	13.18	2727	14.03	2801	14.90	2873	15.77	2944	16.66
3960	6000	2361	10.46	2446	11.32	2528	12.18	2607	13.04	2684	13.91	2758	14.78	2831	15.66	2902	16.56	2972	17.46
4092	6200	2398	11.11	2483	12.00	2564	12.88	2642	13.77	2717	14.66	2790	15.56	2862	16.46	2932	17.38	3001	18.30
4224	6400	2437	11.80	2520	12.71	2599	13.62	2677	14.54	2751	15.45	2824	16.37	2894	17.30	2963	18.23	3031	19.17
4356	6600	2475	12.52	2557	13.45	2636	14.39	2712	15.33	2786	16.27	2857	17.22	2927	18.17	2995	19.12	3062	20.09
CFM	OV	16.00		17.00		18.00		20.00		22.00		24.00		26.00		28.00		30.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1716	2600	2743	7.87	2823	8.40	2900	8.93	3048	10.00	3189	11.09	3325	12.21	3455	13.36	3580	14.54	3701	15.75
1848	2800	2754	8.39	2833	8.95	2910	9.51	3058	10.63	3198	11.78	3333	12.94	3462	14.12	3587	15.33	3707	16.56
1980	3000	2765	8.89	2844	9.49	2921	10.09	3068	11.28	3208	12.48	3342	13.69	3471	14.92	3595	16.16	3714	17.43
2112	3200	2777	9.40	2856	10.02	2932	10.65	3079	11.92	3219	13.19	3352	14.46	3480	15.74	3604	17.04	3723	18.35
2244	3400	2789	9.90	2868	10.56	2944	11.21	3090	12.54	3230	13.89	3363	15.23	3491	16.58	3614	17.93	3732	19.29
2376	3600	2802	10.42	2880	11.10	2956	11.78	3102	13.17	3241	14.57	3374	15.99	3501	17.41	3624	18.83	3742	20.25
2508	3800	2817	10.96	2894	11.65	2969	12.36	3114	13.80	3252	15.26	3385	16.73	3512	18.22	3635	19.71	3753	21.21
2640	4000	2833	11.52	2909	12.24	2983	12.96	3127	14.44	3265	15.95	3397	17.48	3523	19.03	3646	20.59	3764	22.15
2772	4200	2850	12.10	2925	12.84	2999	13.59	3141	15.11	3278	16.66	3409	18.24	3535	19.84	3657	21.45	3774	23.08
2904	4400	2867	12																

# Type OT - Performance Data

IndustraCon

# 13-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
22 <sup>5</sup> / <sub>8</sub> "	5.92'	13"	.87 sq. ft.	11 <sup>1</sup> / <sub>4</sub> " x 12 <sup>7</sup> / <sub>16</sub> "	0.93 sq. ft.

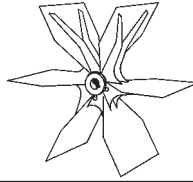
Legend:  = OT15  = OT17  = OT20

CFM	OV	STATIC PRESSURE																	
		1.00		1.50		2.00		2.50		3.00		3.50		4.00		5.00		6.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
930	1000	602	0.25	723	0.39	827	0.53	919	0.67	1003	0.82	1080	0.97	1152	1.12	1284	1.46	1405	1.83
1116	1200	<b>617</b>	<b>0.31</b>	736	0.46	838	0.62	929	0.78	1012	0.95	1088	1.12	1159	1.30	1290	1.65	1409	2.03
1302	1400	636	0.37	<b>750</b>	<b>0.54</b>	850	0.71	940	0.90	1022	1.09	1098	1.28	1169	1.48	1298	1.88	1416	2.28
1488	1600	660	0.45	768	0.63	<b>865</b>	<b>0.82</b>	953	1.02	1033	1.22	1108	1.44	1179	1.66	1308	2.10	1425	2.56
1674	1800	686	0.53	788	0.73	882	0.93	<b>968</b>	<b>1.15</b>	1047	1.37	1121	1.60	1190	1.84	1318	2.32	1434	2.83
1860	2000	716	0.64	813	0.85	901	1.06	984	1.30	<b>1062</b>	<b>1.54</b>	1135	1.78	1203	2.03	1329	2.55	1445	3.09
2046	2200	746	0.75	840	0.98	924	1.21	1004	1.46	1079	1.71	<b>1150</b>	<b>1.97</b>	1218	2.24	1342	2.79	1456	3.36
2232	2400	778	0.89	869	1.13	950	1.38	1026	1.63	1098	1.90	1167	2.18	<b>1233</b>	<b>2.46</b>	1356	3.05	1469	3.65
2418	2600	812	1.03	899	1.30	978	1.56	1051	1.84	1120	2.12	1187	2.41	1251	2.70	<b>1371</b>	<b>3.32</b>	1483	3.96
2604	2800	846	1.20	931	1.48	1007	1.77	1078	2.06	1145	2.35	1209	2.65	1270	2.96	1388	3.61	1498	4.28
2790	3000	881	1.39	963	1.69	1038	1.99	1107	2.30	1171	2.61	1233	2.93	1293	3.25	1407	3.92	<b>1514</b>	<b>4.63</b>
2976	3200	918	1.60	996	1.92	1069	2.24	1136	2.56	1199	2.89	1259	3.22	1317	3.56	1427	4.26	1532	4.99
3162	3400	955	1.83	1031	2.17	1101	2.51	1167	2.85	1229	3.20	1287	3.55	1343	3.90	1450	4.62	1551	5.38
3348	3600	993	2.09	1066	2.44	1134	2.80	1198	3.16	1259	3.53	1316	3.90	1371	4.26	1475	5.02	1573	5.80
3534	3800	1031	2.37	1102	2.74	1168	3.12	1230	3.50	1290	3.88	1346	4.27	1399	4.66	1501	5.44	1597	6.25
3720	4000	1070	2.68	1138	3.07	1203	3.47	1263	3.86	1321	4.27	1376	4.67	1429	5.08	1528	5.90	1622	6.73
3906	4200	1110	3.02	1176	3.43	1238	3.84	1297	4.26	1354	4.68	1407	5.10	1459	5.53	1557	6.38	1648	7.24
4092	4400	1150	3.39	1214	3.81	1274	4.24	1332	4.68	1387	5.12	1439	5.56	1490	6.00	1586	6.89	1676	7.79
4278	4600	1191	3.79	1252	4.23	1311	4.68	1367	5.13	1420	5.59	1472	6.05	1522	6.51	1616	7.44	1704	8.37
4464	4800	1232	4.23	1291	4.68	1348	5.15	1402	5.62	1455	6.10	1505	6.57	1554	7.05	1646	8.02	1733	8.99
4650	5000	1274	4.70	1330	5.17	1385	5.65	1438	6.14	1490	6.63	1539	7.13	1587	7.63	1677	8.63	1763	9.64
CFM	OV	7.00		8.00		9.00		10.00		11.00		12.00		13.00		14.00		15.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1302	1400	1525	2.71	1627	3.15	1723	3.61	1814	4.10	1901	4.60	1984	5.13	2064	5.67	2141	6.22	2216	6.79
1488	1600	1533	3.01	1634	3.48	1729	3.97	1819	4.47	1905	4.99	1987	5.52	2066	6.08	2143	6.65	2217	7.24
1674	1800	1542	3.33	1642	3.84	1736	4.36	1826	4.89	1911	5.43	1993	5.98	2071	6.55	2147	7.14	2220	7.74
1860	2000	1552	3.65	1651	4.21	1745	4.77	1834	5.34	1919	5.91	2000	6.49	2078	7.09	2153	7.69	2226	8.31
2046	2200	1562	3.96	1661	4.56	1755	5.17	1843	5.79	1928	6.41	2008	7.03	2086	7.66	2161	8.30	2233	8.94
2232	2400	1573	4.28	1672	4.92	1765	5.57	1853	6.23	1937	6.90	2018	7.58	2095	8.25	2169	8.93	2241	9.61
2418	2600	1586	4.61	1683	5.28	1775	5.97	1863	6.68	1947	7.39	2027	8.11	2104	8.83	2178	9.56	2250	10.29
2604	2800	1601	4.97	1697	5.67	1787	6.39	1874	7.13	1957	7.88	2037	8.64	2114	9.41	2188	10.18	2259	10.96
2790	3000	1615	5.35	1711	6.09	1801	6.83	1886	7.60	1969	8.38	2048	9.17	2124	9.98	2198	10.80	2269	11.62
2976	3200	<b>1631</b>	<b>5.74</b>	1726	6.51	1815	7.30	1900	8.09	1981	8.90	2059	9.73	2135	10.57	2208	11.42	2279	12.28
3162	3400	1649	6.16	<b>1742</b>	<b>6.96</b>	1830	7.78	1915	8.61	1995	9.46	2073	10.31	2147	11.17	2219	12.06	2290	12.95
3348	3600	1668	6.60	1759	7.43	<b>1846</b>	<b>8.28</b>	1930	9.15	2010	10.03	2087	10.92	2161	11.81	2232	12.72	2301	13.64
3534	3800	1688	7.08	1777	7.93	1863	8.81	<b>1945</b>	<b>9.71</b>	2025	10.62	2101	11.54	2175	12.48	2246	13.42	2314	14.37
3720	4000	1711	7.59	1797	8.47	1881	9.37	1962	10.30	<b>2041</b>	<b>11.24</b>	2116	12.20	2189	13.16	2260	14.14	2328	15.13
3906	4200	1735	8.13	1820	9.03	1901	9.96	1980	10.91	2057	11.89	<b>2132</b>	<b>12.87</b>	<b>2205</b>	<b>13.87</b>	2275	14.88	2343	15.91
4092	4400	1761	8.71	1843	9.64	1923	10.59	2000	11.57	2076	12.56	2149	13.58	2221	14.61	<b>2290</b>	<b>15.65</b>	2358	16.71
4278	4600	1788	9.32	1868	10.28	1946	11.26	2022	12.26	2095	13.28	2167	14.32	2238	15.38	2306	16.45	<b>2373</b>	<b>17.54</b>
4464	4800	1815	9.97	1894	10.96	1970	11.96	2044	12.99	2116	14.03	2187	15.10	2256	16.18	2324	17.28	2389	18.40
4650	5000	1844	10.65	1921	11.67	1996	12.71	2069	13.76	2139	14.83	2208	15.92	2276	17.03	2342	18.15	2407	19.30
4836	5200	1873	11.37	1949	12.43	2023	13.49	2094	14.57	2163	15.67	2231	16.78	2297	17.91	2362	19.06	2425	20.23
5022	5400	1903	12.13	1978	13.22	2050	14.32	2120	15.43	2188	16.55	2254	17.69	2319	18.84	2383	20.02	2445	21.21
5208	5600	1933	12.93	2007	14.05	2079	15.18	2147	16.32	2214	17.48	2279	18.64	2343	19.82	2405	21.02	2466	22.24
5394	5800	1964	13.76	2037	14.92	2108	16.09	2175	17.26	2241	18.45	2305	19.64	2367	20.85	2428	22.07	2489	23.31
5580	6000	1996	14.64	2068	15.84	2137	17.04	2204	18.25	2268	19.46	2331	20.69	2393	21.92	2453	23.17	2512	24.43
5766	6200	2027	15.55	2099	16.79	2167	18.03	2233	19.27	2297	20.52	2359	21.78	2419	23.04	2478	24.32	2537	25.61
5952	6400	2060	16.51	2130	17.79	2197	19.06	2263	20.34	2326	21.63	2387	22.91	2446	24.21	2505	25.52	2562	26.83
6138	6600	2092	17.52	2162	18.83	2228	20.14	2293	21.46	2355	22.78	2415	24.10	2474	25.43	2532	26.76	2588	28.11
CFM	OV	16.00		17.00		18.00		20.00		22.00		24.00		26.00		28.00		30.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2418	2600	2319	11.02	2386	11.75	2451	12.49	2577	13.99	2696	15.52	2810	17.09	2920	18.70	3026	20.35	3129	22.04
2604	2800	2328	11.74	2395	12.52	2460	13.31	2585	14.88	2704	16.48	2817	18.11	2927	19.76	3032	21.45	3134	23.17
2790	3000	2338	12.45	2404	13.28	2469	14.11	2594	15.78	2712	17.46	2825	19.16	2934	20.88	3039	22.62	3140	24.40
2976	3200	2347	13.15	2414	14.03	2479	14.91	2603	16.68	2721	18.46	2834	20.24	2942	22.03	3046	23.84	3147	25.68
3162	3400	2358	13.86	2424	14.77	2488	15.69	2612	17.56	2730	19.43	2843	21.32	2951	23.20	3055	25.09	3155	27.00
3348	3600	2369	14.58	2435	15.53	2499	16.49	2622	18.43	2740	20.39	2852	22.37	2960	24.36	3063	26.35	3163	28.34
3534	3800	2381	15.33	2446	16.31	2510	17.30	2632	19.31	2749	21.35	2861	23.42	2969	25.50	3072	27.59	3172	29.68
3720	4000	2395	16.12	2459	17.12	2522	18.14	2643	20.21	2760	22.32	2871	24.47	2978	26.63	3082	28.81	3181	31.00
3906	4200	2409	16.94	2473	17.97	2535	19.02	2655	21.14	2771	23.31	2881	25.52	2988	27.76	3091	30.02	3191	32.30
4092	44																		

# Performance Data - Type OT

IndustraCon

## 15-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
26 <sup>1</sup> / <sub>8</sub> "	6.84'	15"	1.17 sq. ft.	12 <sup>15</sup> / <sub>16</sub> " x 14 <sup>5</sup> / <sub>16</sub> "	1.24 sq. ft.

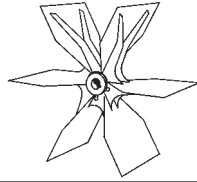
Legend:  = OT15  = OT17  = OT20

CFM	OV	STATIC PRESSURE																	
		1.00		1.50		2.00		2.50		3.00		3.50		4.00		5.00		6.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1240	1000	522	0.34	627	0.52	717	0.70	796	0.89	868	1.09	935	1.29	998	1.50	1112	1.95	1217	2.43
1488	1200	<b>535</b>	<b>0.41</b>	637	0.61	725	0.82	805	1.04	876	1.27	942	1.50	1004	1.73	1117	2.21	1220	2.71
1736	1400	551	0.50	<b>650</b>	<b>0.72</b>	736	0.95	814	1.19	885	1.45	951	1.71	1012	1.97	1124	2.50	1227	3.05
1984	1600	571	0.60	665	0.83	<b>749</b>	<b>1.09</b>	825	1.36	895	1.63	960	1.92	1021	2.21	1133	2.80	1234	3.41
2232	1800	595	0.71	683	0.97	764	1.25	<b>838</b>	<b>1.53</b>	907	1.83	970	2.14	1030	2.45	1141	3.10	1242	3.77
2480	2000	620	0.85	704	1.13	781	1.42	853	1.73	<b>920</b>	<b>2.05</b>	983	2.38	1042	2.71	1151	3.40	1251	4.12
2728	2200	646	1.00	727	1.31	801	1.62	869	1.94	934	2.28	<b>996</b>	<b>2.63</b>	1054	2.99	1162	3.72	1261	4.49
2976	2400	674	1.18	752	1.51	823	1.84	889	2.18	951	2.54	1011	2.91	<b>1068</b>	<b>3.29</b>	1175	4.07	1272	4.87
3224	2600	703	1.38	779	1.73	847	2.08	910	2.45	970	2.82	1028	3.21	1083	3.61	<b>1188</b>	<b>4.43</b>	1284	5.28
3472	2800	733	1.60	806	1.98	872	2.36	934	2.74	991	3.13	1047	3.54	1100	3.95	1202	4.82	1297	5.71
3720	3000	763	1.85	834	2.25	899	2.66	958	3.07	1014	3.48	1068	3.90	1119	4.33	1218	5.23	<b>1311</b>	<b>6.17</b>
3968	3200	795	2.13	863	2.56	926	2.99	984	3.42	1039	3.86	1091	4.30	1141	4.75	1236	5.68	1327	6.65
4216	3400	827	2.44	893	2.89	954	3.34	1010	3.80	1064	4.26	1115	4.73	1163	5.20	1256	6.17	1344	7.17
4464	3600	860	2.78	923	3.26	982	3.73	1038	4.22	1090	4.71	1140	5.19	1187	5.69	1277	6.69	1362	7.73
4712	3800	893	3.16	954	3.66	1012	4.16	1066	4.67	1117	5.18	1165	5.69	1212	6.21	1300	7.26	1383	8.33
4960	4000	927	3.57	986	4.09	1042	4.62	1094	5.15	1144	5.69	1192	6.23	1237	6.77	1323	7.86	1404	8.97
5208	4200	961	4.03	1018	4.57	1072	5.12	1123	5.68	1172	6.24	1219	6.80	1264	7.37	1348	8.51	1427	9.66
5456	4400	996	4.52	1051	5.08	1103	5.66	1153	6.24	1201	6.82	1247	7.41	1290	8.00	1373	9.19	1451	10.39
5704	4600	1032	5.05	1084	5.64	1135	6.24	1184	6.84	1230	7.45	1275	8.07	1318	8.68	1399	9.92	1476	11.17
5952	4800	1067	5.64	1118	6.24	1167	6.87	1214	7.49	1260	8.13	1303	8.76	1346	9.40	1426	10.69	1501	11.99
6200	5000	1103	6.26	1152	6.89	1200	7.54	1246	8.19	1290	8.85	1333	9.51	1374	10.17	1453	11.51	1527	12.85
CFM	OV	7.00		8.00		9.00		10.00		11.00		12.00		13.00		14.00		15.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1736	1400	1321	3.61	1409	4.20	1492	4.82	1571	5.47	1646	6.14	1718	6.84	1788	7.55	1855	8.29	1919	9.05
1984	1600	1328	4.02	1415	4.65	1497	5.29	1575	5.96	1650	6.65	1721	7.36	1790	8.10	1856	8.86	1920	9.65
2232	1800	1335	4.44	1422	5.12	1504	5.81	1581	6.52	1655	7.24	1726	7.98	1794	8.74	1859	9.51	1923	10.32
2480	2000	1344	4.86	1430	5.61	1512	6.36	1589	7.12	1662	7.88	1732	8.66	1800	9.45	1865	10.26	1928	11.08
2728	2200	1353	5.27	1439	6.08	1520	6.90	1596	7.72	1670	8.55	1739	9.38	1806	10.21	1871	11.06	1934	11.92
2976	2400	1362	5.70	1448	6.56	1528	7.43	1605	8.31	1678	9.21	1747	10.10	1814	11.00	1878	11.90	1941	12.81
3224	2600	1374	6.15	1458	7.05	1538	7.96	1614	8.90	1686	9.85	1756	10.81	1822	11.78	1886	12.75	1948	13.72
3472	2800	1386	6.63	1469	7.57	1548	8.52	1623	9.50	1695	10.50	1764	11.52	1831	12.54	1895	13.57	1956	14.61
3720	3000	1399	7.13	1482	8.11	1560	9.11	1634	10.13	1705	11.17	1773	12.23	1839	13.31	1903	14.39	1965	15.49
3968	3200	<b>1413</b>	<b>7.66</b>	1495	8.68	1572	9.73	1646	10.79	1716	11.87	1784	12.97	1849	14.09	1912	15.22	1973	16.37
4216	3400	1428	8.21	<b>1508</b>	<b>9.28</b>	1585	10.37	1658	11.48	1728	12.61	1795	13.74	1859	14.90	1922	16.07	1983	17.27
4464	3600	1444	8.80	1523	9.91	<b>1599</b>	<b>11.05</b>	1671	12.20	1740	13.37	1807	14.55	1871	15.75	1933	16.96	1993	18.19
4712	3800	1462	9.44	1539	10.58	1613	11.75	<b>1685</b>	<b>12.95</b>	1753	14.16	1820	15.39	1883	16.64	1945	17.89	2004	19.16
4960	4000	1482	10.11	1557	11.29	1629	12.49	1699	13.73	<b>1767</b>	<b>14.99</b>	1833	16.26	1896	17.55	1957	18.85	2017	20.17
5208	4200	1503	10.84	1576	12.04	1646	13.28	1715	14.55	1782	15.85	<b>1847</b>	<b>17.16</b>	<b>1909</b>	<b>18.50</b>	1970	19.85	2029	21.21
5456	4400	1525	11.61	1596	12.85	1665	14.12	1732	15.42	1798	16.75	1861	18.11	1923	19.48	<b>1983</b>	<b>20.87</b>	2042	22.28
5704	4600	1548	12.42	1618	13.70	1685	15.01	1751	16.34	1815	17.70	1877	19.09	1938	20.50	1997	21.94	<b>2055</b>	<b>23.39</b>
5952	4800	1572	13.29	1641	14.61	1706	15.95	1771	17.32	1833	18.71	1894	20.13	1954	21.58	2012	23.05	2069	24.53
6200	5000	1597	14.20	1664	15.56	1729	16.94	1791	18.34	1853	19.77	1912	21.22	1971	22.70	2028	24.20	2084	25.73
6448	5200	1622	15.16	1688	16.57	1752	17.99	1813	19.43	1873	20.89	1932	22.37	<b>1989</b>	<b>23.88</b>	2045	25.42	2100	26.98
6696	5400	1648	16.17	1713	17.63	1776	19.09	1836	20.57	1895	22.07	1952	23.58	2008	25.12	2063	26.69	2118	28.28
6944	5600	1674	17.23	1739	18.74	1800	20.24	1860	21.77	1917	23.30	1974	24.86	2029	26.43	2083	28.03	2136	29.65
7192	5800	1701	18.35	1764	19.90	1825	21.45	1884	23.02	1941	24.59	1996	26.19	2050	27.80	2103	29.43	2155	31.05
7440	6000	1728	19.51	1791	21.11	1851	22.72	1909	24.33	1965	25.95	2019	27.58	2072	29.23	2124	30.89	2176	32.58
7688	6200	1756	20.74	1817	22.39	<b>1877</b>	<b>24.04</b>	1934	25.70	1989	27.36	2043	29.03	2095	30.72	2146	32.42	2197	34.14
7936	6400	1784	22.02	1844	23.71	1903	25.42	1959	27.12	2014	28.83	2067	30.55	2119	32.28	2169	34.02	2219	35.78
8184	6600	1812	23.36	1872	25.10	1930	26.86	1985	28.61	2039	30.37	2092	32.13	2143	33.90	2193	35.68	2241	37.48
CFM	OV	16.00		17.00		18.00		20.00		22.00		24.00		26.00		28.00		30.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3224	2600	2008	14.69	2066	15.67	2123	16.66	2231	18.66	2335	20.70	2434	22.79	2529	24.93	2621	27.13	2709	29.38
3472	2800	2016	15.65	2074	16.70	2130	17.74	2238	19.84	2341	21.97	2440	24.14	2535	26.35	2626	28.60	2714	30.90
3720	3000	2024	16.60	2082	17.71	2138	18.82	2246	21.05	2349	23.29	2447	25.55	2541	27.84	2632	30.16	2719	32.53
3968	3200	2033	17.53	2091	18.70	2147	19.88	2254	22.24	2356	24.61	2454	26.98	2548	29.38	2638	31.79	2725	34.24
4216	3400	2042	18.48	2099	19.70	2155	20.93	2262	23.41	2364	25.91	2462	28.42	2555	30.93	2645	33.46	2732	36.00
4464	3600	2052	19.44	2108	20.71	2164	21.99	2271	24.57	2373	27.19	2470	29.83	2563	32.48	2653	35.13	2740	37.79
4712	3800	2062	20.44	2118	21.75	2173	23.07	2280	25.75	2381	28.47	2478	31.23	2571	34.00	2661	36.79	2747	39.58
4960	4000	2074	21.49	2130	22.83	2184	24.19	2289	26.95	2390	29.76	2487	32.62	2579	35.51	2669	38.41	2755	41.33
5208	4200	2086	22.58	2142	23.96	2195	25.36	2299	28.19	2399	31.08	2495	34.03	258					

# Type OT - Performance Data

IndustraCon

# 17-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
29 <sup>5</sup> / <sub>8</sub> "	7.76'	17"	1.51 sq. ft.	14 <sup>5</sup> / <sub>8</sub> " x 16 <sup>3</sup> / <sub>8</sub> "	1.59 sq. ft.

Legend:  = OT15  = OT17  = OT20

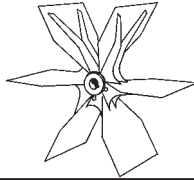
CFM	OV	STATIC PRESSURE																	
		1.00		1.50		2.00		2.50		3.00		3.50		4.00		5.00		6.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1590	1000	460	0.44	553	0.66	632	0.90	702	1.15	766	1.40	825	1.66	880	1.93	981	2.50	1073	3.13
1908	1200	<b>472</b>	<b>0.53</b>	562	0.79	640	1.06	709	1.34	773	1.63	831	1.92	885	2.22	985	2.84	1076	3.49
2226	1400	486	0.64	<b>573</b>	<b>0.92</b>	649	1.22	718	1.53	780	1.86	838	2.20	893	2.53	992	3.22	1082	3.92
2544	1600	504	0.77	586	1.07	<b>661</b>	<b>1.40</b>	728	1.74	789	2.10	846	2.46	900	2.84	999	3.61	1088	4.38
2862	1800	524	0.92	602	1.25	673	1.60	<b>739</b>	<b>1.97</b>	800	2.35	856	2.75	909	3.15	1006	3.99	1096	4.85
3180	2000	547	1.09	621	1.45	688	1.82	752	2.22	<b>811</b>	<b>2.63</b>	867	3.05	919	3.48	1015	4.37	1103	5.30
3498	2200	570	1.29	641	1.68	706	2.08	767	2.50	824	2.93	<b>878</b>	<b>3.38</b>	930	3.84	1025	4.79	1112	5.77
3816	2400	594	1.52	664	1.94	726	2.36	784	2.80	839	3.26	891	3.74	<b>942</b>	<b>4.23</b>	1036	5.23	1122	6.26
4134	2600	620	1.77	687	2.22	747	2.68	803	3.15	856	3.63	906	4.12	955	4.64	<b>1047</b>	<b>5.70</b>	1133	6.79
4452	2800	646	2.06	711	2.54	769	3.03	823	3.53	874	4.03	923	4.55	970	5.08	1060	6.19	1144	7.35
4770	3000	673	2.38	735	2.90	792	3.42	845	3.94	895	4.47	942	5.02	987	5.57	1074	6.73	<b>1156</b>	<b>7.93</b>
5088	3200	701	2.74	761	3.29	816	3.84	868	4.40	916	4.96	962	5.53	1006	6.11	1090	7.30	1170	8.55
5406	3400	729	3.14	787	3.72	841	4.30	891	4.89	938	5.48	983	6.08	1026	6.69	1107	7.93	1185	9.22
5724	3600	758	3.58	814	4.19	866	4.80	915	5.42	961	6.05	1005	6.68	1047	7.31	1126	8.60	1201	9.94
6042	3800	788	4.06	841	4.70	892	5.35	940	6.00	985	6.66	1028	7.32	1069	7.98	1146	9.33	1219	10.71
6360	4000	817	4.59	869	5.26	918	5.94	965	6.63	1009	7.32	1051	8.01	1091	8.70	1167	10.11	1239	11.54
6678	4200	848	5.18	898	5.87	945	6.58	991	7.30	1034	8.02	1075	8.75	1114	9.47	1189	10.94	1259	12.42
6996	4400	879	5.81	927	6.54	973	7.28	1017	8.02	1059	8.78	1099	9.53	1138	10.29	1211	11.82	1280	13.36
7314	4600	910	6.50	956	7.25	1001	8.02	1044	8.80	1085	9.59	1124	10.37	1162	11.17	1234	12.76	1301	14.36
7632	4800	941	7.25	986	8.03	1029	8.83	1071	9.64	1111	10.45	1149	11.27	1187	12.09	1257	13.75	1324	15.41
7950	5000	973	8.05	1016	8.86	1058	9.69	1099	10.53	1138	11.37	1175	12.22	1212	13.08	1281	14.80	1346	16.53
CFM	OV	7.00		8.00		9.00		10.00		11.00		12.00		13.00		14.00		15.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2226	1400	1165	4.64	1242	5.40	1316	6.20	1385	7.03	1452	7.89	1515	8.79	1576	9.71	1635	10.67	1692	11.64
2544	1600	1171	5.17	1248	5.97	1320	6.80	1389	7.66	1455	8.55	1518	9.47	1578	10.42	1637	11.40	1693	12.41
2862	1800	1178	5.71	1254	6.59	1326	7.48	1394	8.38	1460	9.31	1522	10.26	1582	11.23	1640	12.23	1696	13.26
3180	2000	1185	6.25	1261	7.21	1333	8.18	1401	9.15	1466	10.13	1527	11.13	1587	12.15	1644	13.19	1700	14.25
3498	2200	1193	6.78	1269	7.82	1340	8.87	1408	9.93	1472	10.99	1534	12.06	1593	13.13	1650	14.23	1705	15.33
3816	2400	1201	7.33	1277	8.43	1348	9.55	1415	10.69	1479	11.84	1541	12.99	1600	14.14	1657	15.30	1711	16.47
4134	2600	1211	7.91	1286	9.06	1356	10.24	1423	11.45	1487	12.67	1548	13.90	1607	15.15	1664	16.39	1718	17.64
4452	2800	1222	8.53	1296	9.73	1365	10.96	1431	12.22	1495	13.50	1556	14.81	1614	16.13	1671	17.46	1725	18.79
4770	3000	1234	9.17	1307	10.43	1375	11.72	1441	13.02	1503	14.36	1564	15.73	1622	17.11	1678	18.51	1733	19.92
5088	3200	<b>1246</b>	<b>9.85</b>	1318	11.17	1386	12.51	1451	13.88	1513	15.26	1573	16.67	1631	18.11	1686	19.58	1740	21.05
5406	3400	1259	10.56	<b>1330</b>	<b>11.94</b>	1398	13.34	1462	14.77	1524	16.21	1583	17.67	1640	19.16	1695	20.67	1749	22.20
5724	3600	1274	11.32	1343	12.75	<b>1410</b>	<b>14.20</b>	1474	15.69	1535	17.19	1594	18.72	1650	20.25	1705	21.81	1758	23.39
6042	3800	1289	12.13	1357	13.60	1423	15.11	<b>1486</b>	<b>16.65</b>	1546	18.21	1605	19.79	1661	21.39	1715	23.01	1768	24.64
6360	4000	1307	13.01	1373	14.51	1437	16.07	1499	17.65	<b>1558</b>	<b>19.27</b>	1616	20.91	1672	22.57	1726	24.25	1778	25.94
6678	4200	1325	13.94	1390	15.49	1452	17.08	1512	18.71	1571	20.38	<b>1628</b>	<b>22.07</b>	<b>1684</b>	<b>23.79</b>	1737	25.52	1789	27.27
6996	4400	1345	14.93	1408	16.52	1468	18.16	1528	19.83	1585	21.54	1641	23.28	1696	25.05	<b>1749</b>	<b>26.84</b>	1801	28.65
7314	4600	1365	15.98	1427	17.62	1486	19.30	1544	21.01	1600	22.76	1655	24.55	1709	26.37	1761	28.21	<b>1812</b>	<b>30.07</b>
7632	4800	1387	17.09	1447	18.78	1505	20.51	1561	22.27	1616	24.06	1670	25.88	1723	27.74	1775	29.63	1825	31.55
7950	5000	1408	18.26	1467	20.01	1524	21.79	1580	23.59	1634	25.42	1686	27.29	1738	29.19	1789	31.12	1838	33.08
8268	5200	1431	19.50	1489	21.31	1545	23.13	1599	24.98	1652	26.86	1703	28.77	1754	30.71	1804	32.68	1852	34.69
8586	5400	1453	20.80	1511	22.67	1566	24.55	1619	26.45	1671	28.37	1722	30.33	1771	32.31	1820	34.32	1867	36.36
8904	5600	1477	22.16	1533	24.09	1587	26.03	1640	27.99	1691	29.96	1741	31.96	1789	33.99	1837	36.04	1883	38.12
9222	5800	1500	23.59	1556	25.59	1610	27.59	1661	29.60	1711	31.63	1760	33.67	1808	35.74	1855	37.84	1901	39.96
9540	6000	1524	25.09	1579	27.15	1632	29.21	1683	31.28	1732	33.37	1781	35.47	1827	37.58	1873	39.78	1918	41.89
9858	6200	1548	26.66	1603	28.79	1655	30.91	1705	33.04	1754	35.18	1801	37.34	1848	39.51	1893	41.69	1937	43.91
10176	6400	1573	28.31	1627	30.49	1678	32.68	1728	34.88	1776	37.08	1823	39.29	1868	41.51	1913	43.75	1957	46.01
10494	6600	1598	30.04	1651	32.28	1702	34.53	1751	36.79	1798	39.05	1845	41.32	1890	43.59	1934	45.89	1977	48.19
CFM	OV	16.00		17.00		18.00		20.00		22.00		24.00		26.00		28.00		30.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4134	2600	1771	18.89	1822	20.15	1872	21.42	1968	23.99	2059	26.62	2146	29.30	2230	32.06	2311	34.88	2389	37.78
4452	2800	1778	20.13	1829	21.47	1879	22.81	1974	25.52	2065	28.26	2152	31.04	2235	33.88	2315	36.78	2393	39.73
4770	3000	1785	21.34	1836	22.77	1886	24.20	1981	27.06	2071	29.94	2158	32.85	2241	35.80	2321	38.79	2398	41.83
5088	3200	1793	22.54	1844	24.05	1893	25.56	1988	28.60	2078	31.64	2164	34.70	2247	37.77	2326	40.88	2403	44.02
5406	3400	1801	23.76	1851	25.33	1900	26.91	1995	30.10	2085	33.32	2171	36.55	2253	39.78	2333	43.02	2409	46.29
5724	3600	1809	25.00	1859	26.63	1908	28.27	2002	31.60	2092	34.97	2178	38.36	2260	41.77	2339	45.17	2416	48.59
6042	3800	1819	26.29	1868	27.96	1917	29.66	2010	33.11	2100	36.61	2185	40.15	2267	43.72	2346	47.30	2423	50.89
6360	4000	1829	27.64	1878	29.36	1926	31.10	2019	34.65	2108	38.27	2193	41.95	2275	45.66	2354	49.39	2430	53.15
6678	4200	1840	29.04	1889	30.82	1936	32.60	2028	36.25	2116	39.97	2201	43.76	2282	47.60	2361	51.48	2437	



# Performance Data - Type OT

IndustraCon

# 19-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
33"	8.64'	19"	1.87 sq. ft.	16 <sup>1</sup> / <sub>4</sub> " x 18 <sup>3</sup> / <sub>16</sub> "	1.97 sq. ft.

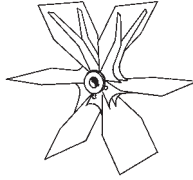
Legend:  = OT15  = OT17  = OT20

CFM	OV	STATIC PRESSURE																	
		1.00		1.50		2.00		2.50		3.00		3.50		4.00		5.00		6.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1970	1000	413	0.54	496	0.82	567	1.12	630	1.43	688	1.74	740	2.06	790	2.39	881	3.11	963	3.88
2364	1200	<b>423</b>	<b>0.66</b>	504	0.97	574	1.31	637	1.67	694	2.03	746	2.39	795	2.76	885	3.52	966	4.33
2758	1400	436	0.79	<b>514</b>	<b>1.14</b>	583	1.52	644	1.90	701	2.31	753	2.72	801	3.14	890	3.99	971	4.86
3152	1600	452	0.95	526	1.33	<b>593</b>	<b>1.74</b>	653	2.16	708	2.60	760	3.06	808	3.52	897	4.47	977	5.44
3546	1800	471	1.14	540	1.55	604	1.99	<b>664</b>	<b>2.45</b>	718	2.92	768	3.41	816	3.91	904	4.95	983	6.01
3940	2000	491	1.35	557	1.80	618	2.26	675	2.76	<b>728</b>	<b>3.27</b>	778	3.79	825	4.32	911	5.43	990	6.58
4334	2200	512	1.60	576	2.08	634	2.58	688	3.10	740	3.64	<b>789</b>	<b>4.20</b>	835	4.77	920	5.94	998	7.16
4728	2400	534	1.88	596	2.40	651	2.93	703	3.48	753	4.05	800	4.64	<b>846</b>	<b>5.24</b>	930	6.49	1007	7.77
5122	2600	556	2.20	616	2.76	671	3.33	721	3.90	768	4.50	814	5.12	857	5.75	<b>940</b>	<b>7.07</b>	1017	8.43
5516	2800	580	2.56	638	3.16	691	3.76	739	4.38	785	5.00	829	5.65	871	6.31	952	7.69	1027	9.12
5910	3000	604	2.96	660	3.59	711	4.24	759	4.89	803	5.55	845	6.23	886	6.91	964	8.35	<b>1038</b>	<b>9.84</b>
6304	3200	629	3.40	683	4.08	733	4.76	779	5.46	822	6.15	863	6.86	903	7.58	978	9.06	1050	10.61
6698	3400	655	3.89	707	4.61	755	5.34	800	6.07	842	6.80	882	7.55	921	8.30	994	9.84	1064	11.44
7092	3600	681	4.44	731	5.19	778	5.96	822	6.73	863	7.51	902	8.29	940	9.07	1011	10.68	1078	12.33
7436	3800	707	5.04	755	5.83	801	6.64	844	7.45	884	8.26	923	9.08	959	9.91	1029	11.58	1095	13.29
7880	4000	734	5.70	781	6.53	825	7.37	866	8.22	906	9.08	944	9.94	980	10.80	1048	12.54	1112	14.32
8274	4200	761	6.42	806	7.29	849	8.17	889	9.06	928	9.95	965	10.85	1000	11.76	1067	13.57	1130	15.41
8668	4400	789	7.21	832	8.11	873	9.03	913	9.96	951	10.89	987	11.83	1022	12.77	1087	14.67	1149	16.58
9062	4600	817	8.07	858	9.00	899	9.96	937	10.92	974	11.89	1009	12.87	1043	13.85	1108	15.83	1168	17.81
9456	4800	845	8.99	885	9.96	924	10.95	961	11.96	997	12.97	1032	13.98	1065	15.01	1129	17.06	1188	19.12
9850	5000	873	9.99	912	11.00	950	12.03	986	13.07	1021	14.11	1055	15.17	1088	16.23	1150	18.36	1209	20.51
CFM	OV	7.00		8.00		9.00		10.00		11.00		12.00		13.00		14.00		15.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2758	1400	1046	5.76	1115	6.70	1181	7.69	1244	8.72	1303	9.79	1360	10.91	1415	12.05	1468	13.23	1519	14.44
3152	1600	1051	6.41	1120	7.41	1185	8.44	1247	9.51	1306	10.61	1362	11.75	1417	12.93	1469	14.14	1520	15.40
3546	1800	1057	7.09	1126	8.18	1191	9.28	1252	10.40	1310	11.55	1366	12.73	1420	13.94	1472	15.18	1522	16.46
3940	2000	1064	7.76	1132	8.95	1197	10.15	1258	11.35	1316	12.57	1371	13.82	1425	15.08	1476	16.37	1526	17.68
4334	2200	1071	8.42	1139	9.70	1203	11.01	1264	12.32	1322	13.64	1377	14.96	1430	16.30	1481	17.65	1531	19.03
4728	2400	1079	9.09	1146	10.46	1210	11.85	1271	13.26	1328	14.69	1383	16.12	1436	17.55	1487	18.99	1536	20.44
5122	2600	1088	9.82	1154	11.24	1217	12.71	1277	14.20	1335	15.72	1390	17.25	1443	18.79	1493	20.34	1542	21.89
5516	2800	1097	10.58	1163	12.07	1225	13.60	1285	15.16	1342	16.76	1397	18.38	1449	20.01	1500	21.66	1549	23.32
5910	3000	1108	11.38	1173	12.95	1235	14.54	1293	16.16	1350	17.82	1404	19.51	1456	21.23	1507	22.97	1555	24.72
6304	3200	<b>1118</b>	<b>12.22</b>	1183	13.86	1245	15.53	1303	17.22	1358	18.94	1412	20.69	1464	22.48	1514	24.29	1562	26.12
6698	3400	1130	13.10	<b>1194</b>	<b>14.81</b>	1255	16.55	1313	18.32	1368	20.12	1421	21.93	1472	23.77	1522	25.65	1570	27.55
7092	3600	1143	14.05	1206	15.81	<b>1266</b>	<b>17.62</b>	1323	19.47	1378	21.33	1431	23.22	1481	25.13	1530	27.06	1578	29.03
7486	3800	1158	15.06	1218	16.88	1277	18.75	<b>1334</b>	<b>20.66</b>	1388	22.60	1441	24.56	1491	26.55	1540	28.55	1587	30.57
7880	4000	1173	16.14	1232	18.01	1290	19.94	1345	21.91	<b>1399</b>	<b>23.91</b>	1451	25.95	1501	28.00	1550	30.08	1596	32.18
8274	4200	1190	17.29	1247	19.22	1303	21.19	1358	23.22	1411	25.28	<b>1462</b>	<b>27.39</b>	<b>1511</b>	<b>29.50</b>	1560	31.67	1606	33.84
8668	4400	1207	18.52	1264	20.50	1318	22.53	1371	24.60	1423	26.73	1474	28.89	1523	31.08	<b>1570</b>	<b>33.30</b>	1616	35.55
9062	4600	1226	19.82	1281	21.87	1334	23.95	1386	26.07	1437	28.25	1486	30.46	1534	32.72	1581	35.00	<b>1627</b>	<b>37.31</b>
9456	4800	1245	21.20	1299	23.31	1351	25.45	1402	27.63	1451	29.85	1499	32.12	1547	34.43	1593	36.77	1638	39.15
9850	5000	1264	22.66	1317	24.83	1369	27.03	1418	29.27	1467	31.54	1514	33.86	1560	36.22	1606	38.62	1650	41.05
10244	5200	1284	24.19	1337	26.44	1387	28.70	1436	31.00	1483	33.33	1529	35.70	1575	38.10	1619	40.55	1663	43.04
10638	5400	1305	25.81	1356	28.12	1406	30.46	1454	32.82	1500	35.21	1546	37.63	1590	40.09	1634	42.59	1676	45.12
11032	5600	1326	27.50	1376	29.89	1425	32.30	1472	34.73	1518	37.18	1563	39.66	1606	42.17	1649	44.72	1691	47.30
11426	5800	1347	29.27	1397	31.75	1445	34.23	1491	36.73	1536	39.24	1580	41.78	1623	44.35	1665	46.95	1706	49.59
11820	6000	1368	31.13	1418	33.69	1465	36.25	1511	38.82	1555	41.40	1598	44.01	1641	46.64	1682	49.29	1722	51.98
12214	6200	1390	33.09	1439	35.72	1486	38.36	1531	41.00	1575	43.66	1617	46.33	1659	49.02	1699	51.74	1739	54.48
12608	6400	1412	35.13	1460	37.84	1507	40.56	1551	43.28	1594	46.01	1636	48.75	1677	51.50	1717	54.28	1756	57.09
13002	6600	1435	37.27	1482	40.05	1528	42.85	1572	45.65	1615	48.45	1656	51.27	1696	54.09	1736	56.94	1774	59.80
CFM	OV	16.00		17.00		18.00		20.00		22.00		24.00		26.00		28.00		30.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5122	2600	1590	23.44	1636	25.00	1681	26.58	1767	29.77	1848	33.03	1927	36.36	2002	39.78	2075	43.28	2145	46.88
5516	2800	1596	24.98	1642	26.64	1687	28.31	1772	31.66	1854	35.06	1932	38.52	2006	42.04	2079	45.63	2148	49.30
5910	3000	1603	26.48	1648	28.25	1693	30.03	1778	33.58	1859	37.15	1937	40.76	2012	44.42	2083	48.13	2153	51.90
6304	3200	1609	27.97	1655	29.84	1699	31.71	1784	35.48	1865	39.26	1943	43.05	2017	46.87	2089	50.73	2158	54.63
6698	3400	1616	29.48	1662	31.43	1706	33.39	1791	37.35	1872	41.34	1949	45.35	2023	49.35	2094	53.38	2163	57.44
7092	3600	1624	31.02	1669	33.04	1713	35.08	1798	39.21	1878	43.39	1955	47.60	2029	51.83	2100	56.05	2169	60.29
7486	3800	1633	32.62	1677	34.70	1721	36.81	1805	41.08	1885	45.43	1962	49.82	2036	54.25	2106	58.70	2175	63.14
7880	4000	1642	34.30	1686	36.43	1729	38.59	1812	43.00	1892	47.49	1968	52.05	2042	56.55	2113	61.29	2181	65.95
8274	4200	1651	36.03	1695	38.24	1738	40.46	1820	44.97	1900	49.60	1976	54.30	2049	59.06	2119	63.87	2187	68.72

# Type OT - Performance Data

IndustraCon

## 21-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
36 <sup>1</sup> / <sub>2</sub> "	9.56'	21"	2.29 sq. ft.	17 <sup>15</sup> / <sub>16</sub> " x 20 <sup>1</sup> / <sub>8</sub> "	2.41 sq. ft.

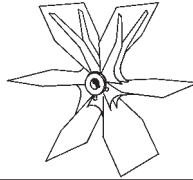
Legend:  = OT15  = OT17  = OT20

CFM	OV	STATIC PRESSURE																	
		1.00		1.50		2.00		2.50		3.00		3.50		4.00		5.00		6.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2410	1000	<b>370</b>	<b>0.61</b>	444	0.90	508	1.20	565	1.52	617	1.86	666	2.20	711	2.55	793	3.27	868	4.01
2892	1200	380	0.76	<b>452</b>	<b>1.09</b>	514	1.44	570	1.80	621	2.17	668	2.55	713	2.95	795	3.77	869	4.61
3374	1400	393	0.93	462	1.31	<b>522</b>	<b>1.70</b>	<b>577</b>	<b>2.10</b>	627	2.51	674	2.93	717	3.37	798	4.26	872	5.20
3856	1600	406	1.12	473	1.55	532	1.98	586	2.43	<b>635</b>	<b>2.89</b>	680	3.35	723	3.83	803	4.80	875	5.81
4338	1800	421	1.34	486	1.82	544	2.30	595	2.79	644	3.29	<b>688</b>	<b>3.80</b>	<b>731</b>	<b>4.32</b>	809	5.38	880	6.46
4820	2000	437	1.58	500	2.12	556	2.66	607	3.19	654	3.73	698	4.29	739	4.85	<b>816</b>	<b>5.99</b>	887	7.16
5302	2200	454	1.87	512	2.45	570	3.04	619	3.63	665	4.22	708	4.81	749	5.42	824	6.65	<b>894</b>	<b>7.91</b>
5784	2400	473	2.19	531	2.81	584	3.46	633	4.10	678	4.74	720	5.38	759	6.03	834	7.35	902	8.69
6266	2600	492	2.56	548	3.22	599	3.91	647	4.61	691	5.31	732	6.00	771	6.69	844	8.09	911	9.52
6748	2800	513	2.97	566	3.67	615	4.40	662	5.15	705	5.91	746	6.65	784	7.40	855	8.89	922	10.40
7230	3000	533	3.44	585	4.18	632	4.94	677	5.74	720	6.54	759	7.35	797	8.15	868	9.74	933	11.34
7712	3200	555	3.95	604	4.74	650	5.54	694	6.37	735	7.23	774	8.09	811	8.95	881	10.65	945	12.35
8194	3400	576	4.52	625	5.36	669	6.20	711	7.07	751	7.96	789	8.87	826	9.78	894	11.60	957	13.40
8676	3600	598	5.14	645	6.04	688	6.93	729	7.83	767	8.76	805	9.71	841	10.67	908	12.60	970	14.52
9158	3800	621	5.82	666	6.78	708	7.72	747	8.66	785	9.62	821	10.61	856	11.62	923	13.65	984	15.68
9640	4000	643	6.56	688	7.58	728	8.57	767	9.56	803	10.56	838	11.58	873	12.63	937	14.76	998	16.90
10122	4200	666	7.37	709	8.45	749	9.50	786	10.53	822	11.57	856	12.62	889	13.71	953	15.92	1013	18.17
10604	4400	689	8.25	731	9.39	770	10.49	807	11.58	841	12.66	874	13.75	907	14.86	969	17.16	1028	19.50
11086	4600	713	9.20	754	10.39	792	11.56	827	12.70	861	13.83	893	14.96	925	16.11	986	18.47	1043	20.90
11568	4800	736	10.24	776	11.48	813	12.70	848	13.90	881	15.08	913	16.25	944	17.44	1003	19.87	1059	22.38
12050	5000	760	11.35	799	12.64	835	13.92	870	15.18	902	16.41	933	17.64	963	18.86	1020	21.36	1076	23.94
CFM	OV	7.00		8.00		9.00		10.00		11.00		12.00		13.00		14.00		15.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3374	1400	940	6.17	1003	7.15	1063	8.14	1120	9.14	1173	10.17	1225	11.23	1274	12.32	1322	13.44	1368	14.60
3856	1600	943	6.86	1006	7.94	1065	9.04	1122	10.15	1175	11.27	1226	12.41	1275	13.55	1323	14.72	1368	15.91
4338	1800	946	7.58	1009	8.73	1068	9.92	1124	11.13	1177	12.36	1228	13.61	1277	14.87	1324	16.13	1370	17.39
4820	2000	952	8.36	1013	9.58	1071	10.83	1127	12.12	1180	13.44	1231	14.78	1279	16.14	1326	17.51	1372	18.90
5302	2200	959	9.19	1019	10.49	1077	11.82	1131	13.17	1183	14.56	1234	15.97	1282	17.41	1329	18.87	1374	20.36
5784	2400	<b>966</b>	<b>10.06</b>	1026	11.45	1083	12.86	1137	14.30	1188	15.75	1238	17.23	1286	18.73	1332	20.27	1377	21.83
6266	2600	974	10.98	<b>1034</b>	<b>12.46</b>	1090	13.96	1143	15.47	1195	17.01	1244	18.57	1291	20.14	1336	21.74	1380	23.36
6748	2800	984	11.95	1042	13.52	<b>1098</b>	<b>15.10</b>	1151	16.70	1201	18.33	1250	19.97	1297	21.62	1342	23.30	1386	24.99
7230	3000	994	12.97	1051	14.63	1106	16.30	<b>1159</b>	<b>17.99</b>	<b>1209</b>	<b>19.70</b>	1257	21.42	1303	23.16	1348	24.92	1392	26.70
7712	3200	1005	14.06	1061	15.79	1116	17.55	1167	19.33	1217	21.13	<b>1265</b>	<b>22.94</b>	1311	24.77	1355	26.61	1398	28.47
8194	3400	1016	15.21	1072	17.02	1126	18.86	1177	20.73	1226	22.62	1273	24.52	<b>1319</b>	<b>26.43</b>	<b>1363</b>	<b>28.36</b>	1405	30.30
8676	3600	1029	16.42	1084	18.33	1136	20.25	1187	22.20	1235	24.17	1282	26.15	1327	28.16	1371	30.17	<b>1413</b>	<b>32.20</b>
9158	3800	1042	17.69	1096	19.70	1148	21.71	1198	23.74	1245	25.79	1292	27.86	1336	29.95	1380	32.05	1421	34.17
9640	4000	1055	19.03	1109	21.14	1160	23.25	1209	25.36	1256	27.49	1302	29.64	1346	31.81	1389	34.00	1430	36.20
10122	4200	1069	20.41	1122	22.64	1173	24.85	1221	27.06	1268	29.28	1313	31.51	1356	33.75	1399	36.02	1440	38.31
10604	4400	1083	21.85	1136	24.19	1186	26.52	1234	28.83	1280	31.14	1324	33.46	1368	35.79	1409	38.14	1450	40.50
11086	4600	1098	23.36	1150	25.81	1200	28.25	1247	30.67	1293	33.08	1337	35.49	1379	37.91	1420	40.34	1461	42.79
11568	4800	1113	24.93	1165	27.49	1214	30.04	1261	32.58	1306	35.09	1349	37.61	1391	40.12	1432	42.64	1472	45.17
12050	5000	1129	26.57	1179	29.23	1228	31.90	1274	34.55	1319	37.18	1362	39.80	1404	42.41	1444	45.03	1484	47.64
12532	5200	1145	28.30	1195	31.06	1242	33.82	1289	36.59	1333	39.33	1376	42.07	1417	44.78	1457	47.50	1496	50.21
13014	5400	1161	30.13	1210	32.96	1257	35.82	1303	38.69	1347	41.56	1389	44.40	1430	47.23	1470	50.05	1508	52.86
13496	5600	1178	32.05	1226	34.96	1273	37.91	1318	40.88	1361	43.85	1403	46.81	1444	49.75	1483	52.68	1521	55.60
13978	5800	1195	34.07	1243	37.05	1289	40.09	1333	43.15	1376	46.22	1417	49.29	1458	52.35	1497	55.39	1535	58.42
14460	6000	1213	36.20	1260	39.25	1305	42.36	1349	45.51	1391	48.68	1432	51.85	1472	55.02	1511	58.18	1548	61.32
14942	6200	1232	38.45	1277	41.57	1321	44.75	1365	47.97	1406	51.23	1447	54.50	1486	57.77	1525	61.04	1562	64.30
15424	6400	1250	40.82	1295	44.00	1338	47.24	1381	50.54	1422	53.88	1462	57.24	1501	60.61	1539	63.99	1576	67.36
15906	6600	1270	43.31	1313	46.55	1356	49.86	1398	53.23	1438	56.64	1478	60.09	1516	63.55	1554	67.03	1591	70.50
CFM	OV	16.00		17.00		18.00		20.00		22.00		24.00		26.00		28.00		30.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6266	2600	1424	25.01	1465	26.69	1506	28.38	1585	31.82	1659	35.33	1731	38.87	1799	42.44	1865	46.02	1929	49.61
6748	2800	1428	26.70	1469	28.44	1510	30.20	1587	33.79	1662	37.45	1733	41.18	1801	44.95	1867	48.76	1930	52.59
7230	3000	1434	28.49	1475	30.29	1514	32.12	1591	35.83	1665	39.63	1736	43.51	1804	47.45	1869	51.44	1932	55.48
7712	3200	1440	30.34	1481	32.23	1520	34.13	1596	37.98	1669	41.90	1739	45.91	1806	50.00	1872	54.15	1935	58.35
8194	3400	1447	32.26	1487	34.23	1526	36.21	1602	40.22	1674	44.29	1743	48.42	1810	52.63	1875	56.92	1937	61.27
8676	3600	1454	34.24	1494	36.30	1533	38.36	1608	42.54	1680	46.77	1749	51.05	1815	55.38	1879	59.79	1941	64.27
9158	3800	<b>1462</b>	<b>36.29</b>	<b>1502</b>	<b>38.44</b>	1541	40.59	1615	44.93	1686	49.32	1755	53.77	1820	58.26	1884	62.79	1945	67.39
9640	4000	1471	38.42	1510	40.65	<b>1548</b>	<b>42.89</b>	1622	47.40	1693	51.96	1761	56.56	1826	61.21	1889	65.91	1950	70.65
10122	4200	1480	40.62	1519	42.93	1557	45.26	<b>1630</b>	<b>49.94</b>	1700	54.67	1768	59.44	18					

# Performance Data - Type OT

IndustraCon

# 23-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
40"	10.47'	23"	2.76 sq. ft.	19 5/8" x 22"	2.90 sq. ft.

Legend:  = OT15  = OT17  = OT20

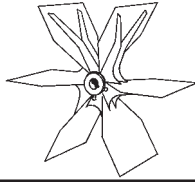
CFM	OV	STATIC PRESSURE																	
		1.00		1.50		2.00		2.50		3.00		3.50		4.00		5.00		6.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2900	1000	<b>338</b>	<b>0.73</b>	405	1.08	463	1.44	515	1.83	563	2.23	607	2.65	648	3.07	724	3.92	792	4.82
3480	1200	347	0.91	<b>412</b>	<b>1.31</b>	469	1.73	520	2.16	567	2.60	610	3.06	651	3.54	726	4.53	793	5.54
4060	1400	358	1.11	421	1.57	<b>477</b>	<b>2.04</b>	<b>527</b>	<b>2.52</b>	572	3.02	615	3.52	654	4.04	728	5.12	796	6.25
4640	1600	371	1.35	432	1.86	486	2.38	534	2.92	<b>579</b>	<b>3.47</b>	<b>621</b>	<b>4.03</b>	660	4.59	732	5.76	798	6.97
5220	1800	384	1.61	444	2.19	496	2.77	543	3.35	587	3.96	<b>628</b>	<b>4.57</b>	<b>667</b>	<b>5.19</b>	738	6.46	803	7.76
5800	2000	399	1.90	457	2.55	507	3.19	554	3.83	596	4.48	637	5.15	674	5.82	<b>745</b>	<b>7.20</b>	809	8.60
6380	2200	415	2.24	470	2.94	520	3.65	565	4.36	607	5.06	646	5.78	683	6.50	752	7.98	<b>816</b>	<b>9.50</b>
7960	2400	431	2.63	485	3.38	533	4.15	577	4.93	618	5.69	657	6.46	693	7.24	761	8.82	823	10.44
7540	2600	449	3.07	500	3.86	547	4.69	590	5.54	630	6.37	668	7.20	704	8.03	770	9.72	832	11.44
8120	2800	468	3.57	516	4.41	562	5.28	604	6.19	643	7.09	680	7.99	715	8.88	781	10.68	841	12.49
8700	3000	487	4.13	533	5.02	577	5.94	618	6.89	657	7.86	693	8.83	727	9.79	792	11.70	851	13.62
9280	3200	506	4.74	551	5.69	593	6.66	633	7.65	671	8.68	706	9.71	740	10.74	803	12.79	862	14.83
9860	3400	526	5.42	570	6.44	610	7.45	648	8.49	685	9.56	720	10.65	753	11.75	816	13.94	873	16.10
10440	3600	546	6.17	589	7.26	628	8.32	665	9.40	700	10.52	734	11.66	767	12.82	829	15.14	885	17.44
11020	3800	566	6.99	608	8.14	646	9.27	682	10.40	716	11.55	749	12.74	781	13.95	842	16.40	898	18.84
11600	4000	587	7.88	628	9.11	665	10.30	699	11.48	733	12.68	765	13.91	796	15.16	855	17.72	911	20.30
12180	4200	608	8.85	647	10.15	684	11.41	718	12.65	750	13.89	781	15.16	812	16.46	870	19.12	924	21.82
12760	4400	629	9.91	667	11.27	703	12.60	736	13.90	768	15.20	798	16.51	827	17.85	884	20.61	938	23.42
13340	4600	650	11.05	688	12.48	723	13.89	755	15.25	786	16.61	815	17.97	844	19.35	899	22.19	952	25.10
13920	4800	672	12.29	708	13.78	742	15.26	774	16.69	804	18.11	833	19.52	861	20.95	915	23.86	967	26.88
14500	5000	694	13.63	729	15.18	762	16.72	794	18.23	823	19.71	851	21.18	879	22.65	931	25.65	982	28.75
CFM	OV	7.00		8.00		9.00		10.00		11.00		12.00		13.00		14.00		15.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4060	1400	858	7.41	916	8.59	970	9.77	1022	10.98	1071	12.21	1118	13.48	1163	14.79	1206	16.14	1248	17.53
4640	1600	860	8.23	918	9.53	972	10.85	1023	12.19	1072	13.54	1119	14.90	1164	16.28	1207	17.68	1249	19.11
5220	1800	864	9.10	920	10.49	974	11.91	1026	13.37	1074	14.85	1121	16.35	1165	17.85	1208	19.37	1250	20.89
5800	2000	869	10.04	925	11.51	978	13.01	1028	14.56	1077	16.14	1123	17.75	1168	19.38	1210	21.03	1252	22.70
6380	2200	875	11.03	930	12.60	982	14.20	1032	15.82	1080	17.48	1126	19.18	1170	20.91	1213	22.67	1254	24.45
6960	2400	<b>882</b>	<b>12.08</b>	936	13.75	988	15.45	1037	17.17	1084	18.92	1130	20.69	1173	22.50	1215	24.34	1256	26.22
7540	2600	889	13.19	<b>943</b>	<b>14.96</b>	995	16.76	1043	18.58	1090	20.43	1135	22.30	1178	24.19	1219	26.11	1260	28.06
8120	2800	898	14.35	951	16.23	<b>1002</b>	<b>18.14</b>	1050	20.06	1096	22.01	1141	23.98	1183	25.97	1225	27.98	1264	30.01
8700	3000	907	15.58	959	17.56	1010	19.58	<b>1057</b>	<b>21.61</b>	<b>1103</b>	<b>23.66</b>	1147	25.73	1189	27.82	1230	29.93	1270	32.06
9280	3200	917	16.88	969	18.96	1018	21.08	1065	23.22	1110	25.37	<b>1154</b>	<b>27.55</b>	1196	29.74	1237	31.96	1276	34.19
9860	3400	927	18.26	978	20.45	1027	22.66	1074	24.90	1119	27.16	1162	29.44	<b>1203</b>	<b>31.74</b>	<b>1243</b>	<b>34.06</b>	1282	36.39
10440	3600	939	19.72	989	22.01	1037	24.32	1083	26.66	1127	29.02	1170	31.41	1211	33.81	1251	36.23	<b>1290</b>	<b>38.67</b>
11020	3800	951	21.25	1000	23.66	1048	26.08	1093	28.51	1137	30.97	1179	33.46	1219	35.97	1259	38.49	1297	41.03
11600	4000	963	22.85	1012	25.39	1059	27.92	1103	30.46	1146	33.02	1188	35.60	1228	38.20	1267	40.83	1305	43.48
12180	4200	976	24.52	1024	27.19	1070	29.84	1114	32.50	1157	35.16	1198	37.84	1238	40.54	1276	43.26	1314	46.01
12760	4400	989	26.25	1037	29.06	1082	31.84	1126	34.62	1168	37.40	1209	40.18	1248	42.98	1286	45.80	1323	48.64
13340	4600	1002	28.05	1049	31.00	1095	33.92	1138	36.83	1180	39.73	1220	42.63	1258	45.53	1296	48.45	1333	51.39
13920	4800	1016	29.94	1063	33.01	1107	36.08	1150	39.12	1191	42.15	1231	45.17	1270	48.18	1307	51.21	1343	54.25
14500	5000	1030	31.92	1076	35.11	1120	38.31	1163	41.49	1204	44.65	1243	47.80	1281	50.94	1318	54.07	1354	57.22
15080	5200	1045	33.99	1090	37.30	1134	40.62	1176	43.94	1216	47.24	1255	50.52	1293	53.78	1329	57.04	1365	60.30
15660	5400	1060	36.18	1104	39.59	1147	43.02	1189	46.47	1229	49.91	1268	53.33	1305	56.72	1341	60.11	1376	63.48
16240	5600	1075	38.49	1119	41.99	1162	45.53	1203	49.09	1242	52.66	1280	56.22	1317	59.75	1353	63.27	1388	66.77
16820	5800	1091	40.92	1134	44.50	1176	48.14	1216	51.82	1256	55.51	1293	59.20	1330	62.87	1366	66.53	1400	70.16
17400	6000	1107	43.48	1150	47.14	1191	50.88	1231	54.66	1269	58.46	1307	62.27	1343	66.08	1378	69.87	1413	73.64
17980	6200	1124	46.18	1165	49.92	1206	53.74	1245	57.61	1283	61.52	1320	65.45	1356	69.38	1391	73.31	1425	77.22
18560	6400	1141	49.02	1182	52.84	1221	56.74	1260	60.70	1298	64.71	1334	68.75	1370	72.80	1405	76.85	1438	80.89
19140	6600	1159	52.01	1198	55.91	1237	59.88	1275	63.92	1312	68.03	1348	72.16	1384	76.33	1418	80.50	1451	84.67
CFM	OV	16.00		17.00		18.00		20.00		22.00		24.00		26.00		28.00		30.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7540	2600	1299	30.04	1337	32.05	1374	34.09	1446	38.22	1514	42.42	1579	46.68	1642	50.97	1702	55.27	1760	59.58
8120	2800	1303	32.07	1341	34.15	1378	36.27	1449	40.58	1516	44.98	1581	49.45	1644	53.99	1704	58.56	1762	63.17
8700	3000	1308	34.21	1346	36.38	1382	38.57	1452	43.03	1519	47.60	1584	52.26	1646	56.99	1706	61.78	1763	66.63
9280	3200	1314	36.44	1351	38.70	1387	40.99	1457	45.61	1523	50.32	1587	55.14	1648	60.05	1708	65.03	1765	70.08
9860	3400	1320	38.74	1357	41.11	1393	43.49	1462	48.31	1528	53.19	1591	58.15	1652	63.21	1711	68.36	1768	73.58
10440	3600	1327	41.12	1364	43.59	1399	46.07	1468	51.09	1533	56.17	1596	61.31	1656	66.51	1714	71.80	1771	77.18
11020	3800	<b>1334</b>	<b>43.59</b>	<b>1370</b>	<b>46.16</b>	1406	48.75	1474	53.96	1539	59.24	1601	64.57	1661	69.96	1719	75.41	1775	80.93
11600	4000	1342	46.14	1378	48.82	<b>1413</b>	<b>51.50</b>	1480	56.92	1545	62.40	1607	67.93	1667	73.51	1724	79.15	1780	84.85
12180	4200	1350	48.78	1386	51.56	1421	54.35	<b>1488</b>	<b>59.98</b>	1552	65.65	1613	71.38	1672	77.16	1730	83.00	1785	



# Type OT - Performance Data

IndustraCon

## 26-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
45 <sup>1</sup> / <sub>8</sub> "	11.81'	26"	3.55 sq. ft.	22 <sup>1</sup> / <sub>8</sub> " x 24 <sup>13</sup> / <sub>16</sub> "	3.69 sq. ft.

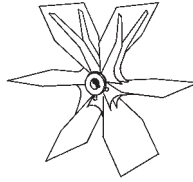
Legend:  = OT15  = OT17  = OT20

CFM	OV	STATIC PRESSURE																	
		1.00		1.50		2.00		2.50		3.00		3.50		4.00		5.00		6.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3690	1000	<b>299</b>	<b>0.93</b>	359	1.37	411	1.84	457	2.33	499	2.84	538	3.37	575	3.90	641	4.99	702	6.13
4428	1200	308	1.15	<b>366</b>	<b>1.67</b>	416	2.20	461	2.75	502	3.31	541	3.90	577	4.51	643	5.76	703	7.05
5166	1400	317	1.42	373	2.00	<b>423</b>	<b>2.60</b>	<b>467</b>	<b>3.21</b>	507	3.84	545	4.48	580	5.14	645	6.52	705	7.95
5904	1600	329	1.71	383	2.37	430	3.03	474	3.72	<b>513</b>	<b>4.41</b>	550	5.12	585	5.85	649	7.33	708	8.87
6642	1800	341	2.05	393	2.79	440	3.52	482	4.27	521	5.03	<b>557</b>	<b>5.81</b>	<b>591</b>	<b>6.60</b>	654	8.22	712	9.87
7380	2000	354	2.42	405	3.24	450	4.06	491	4.88	529	5.71	564	6.55	598	7.41	<b>660</b>	<b>9.16</b>	717	10.95
8118	2200	367	2.85	417	3.74	461	4.65	501	5.55	538	6.45	573	7.35	606	8.28	667	10.16	<b>723</b>	<b>12.08</b>
8856	2400	382	3.35	430	4.30	473	5.29	512	6.27	548	7.25	582	8.23	614	9.21	674	11.23	730	13.29
9594	2600	398	3.91	443	4.92	485	5.97	523	7.04	559	8.11	592	9.17	624	10.22	683	12.36	737	14.56
10332	2800	415	4.54	458	5.61	498	6.73	535	7.87	570	9.03	603	10.17	634	11.31	692	13.59	745	15.90
11070	3000	431	5.25	473	6.39	511	7.56	548	8.77	582	10.00	614	11.23	645	12.46	702	14.89	754	17.34
11808	3200	449	6.04	489	7.25	526	8.47	561	9.74	594	11.05	626	12.36	656	13.67	712	16.28	764	18.87
12546	3400	466	6.90	505	8.20	541	9.48	575	10.80	607	12.17	638	13.56	668	14.96	723	17.74	774	20.49
13284	3600	484	7.85	522	9.23	557	10.59	589	11.96	621	13.39	651	14.84	680	16.31	734	19.27	785	22.19
14022	3800	502	8.89	539	10.36	573	11.80	604	13.23	635	14.70	664	16.22	693	17.76	746	20.87	796	23.97
14760	4000	520	10.03	556	11.59	589	13.10	620	14.61	650	16.13	678	17.70	706	19.30	758	22.56	807	25.83
15498	4200	539	11.26	574	12.92	606	14.52	636	16.10	665	17.68	692	19.29	719	20.95	771	24.34	819	27.77
16236	4400	557	12.61	592	14.35	623	16.04	653	17.70	680	19.35	707	21.02	733	22.72	784	26.23	831	29.81
16974	4600	576	14.07	610	15.88	640	17.67	669	19.41	696	21.13	723	22.87	748	24.62	797	28.24	844	31.95
17712	4800	596	15.65	628	17.54	658	19.42	686	21.25	713	23.05	738	24.84	763	26.66	811	30.37	857	34.21
18450	5000	615	17.35	646	19.32	676	21.28	703	23.20	730	25.09	755	26.95	779	28.83	825	32.65	870	36.59
CFM	OV	7.00		8.00		9.00		10.00		11.00		12.00		13.00		14.00		15.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5166	1400	760	9.43	812	10.93	860	12.44	906	13.97	949	15.54	991	17.16	1031	18.82	1069	20.54	1107	22.32
5904	1600	762	10.48	814	12.13	862	13.81	907	15.52	950	17.23	992	18.96	1032	20.71	1070	22.50	1107	24.32
6642	1800	765	11.58	816	13.34	864	15.16	909	17.01	952	18.90	994	20.81	1033	22.72	1071	24.65	1108	26.58
7380	2000	770	12.78	820	14.64	867	16.56	911	18.53	954	20.54	995	22.59	1035	24.67	1073	26.77	1110	28.89
8118	2200	775	14.04	825	16.04	871	18.07	915	20.13	957	22.25	998	24.41	1037	26.61	1075	28.85	1111	31.11
8856	2400	<b>781</b>	<b>15.38</b>	830	17.50	876	19.66	920	21.85	961	24.08	1001	26.33	1040	28.63	1077	30.98	1114	33.36
9594	2600	788	16.78	<b>836</b>	<b>19.04</b>	882	21.33	925	23.65	966	26.00	1006	28.38	1044	30.79	1081	33.23	1117	35.71
10332	2800	796	18.26	843	20.66	<b>888</b>	<b>23.08</b>	931	25.53	972	28.01	1011	30.52	1049	33.05	1085	35.61	1121	38.20
11070	3000	804	19.82	850	22.35	895	24.91	<b>937</b>	<b>27.50</b>	<b>978</b>	<b>30.11</b>	1017	32.74	1054	35.41	1091	38.09	1126	40.80
11808	3200	813	21.48	859	24.13	902	26.83	944	29.55	984	32.29	<b>1023</b>	<b>35.06</b>	1060	37.85	1096	40.67	1131	43.51
12546	3400	822	23.24	867	26.02	910	28.83	952	31.69	992	34.57	1030	37.47	<b>1067</b>	<b>40.39</b>	<b>1102</b>	<b>43.34</b>	1137	46.31
13284	3600	832	25.10	877	28.01	919	30.95	960	33.93	999	36.94	1037	39.98	1073	43.03	1109	46.11	<b>1143</b>	<b>49.21</b>
14022	3800	843	27.05	887	30.11	929	33.19	969	36.28	1007	39.41	1045	42.58	1081	45.78	1116	48.99	1150	52.22
14760	4000	853	29.08	897	32.31	938	35.53	978	38.76	1016	42.02	1053	45.30	1089	48.62	1123	51.97	1157	55.34
15498	4200	865	31.20	908	34.60	949	37.98	988	41.36	1026	44.75	1062	48.16	1097	51.59	1131	55.06	1165	58.56
16236	4400	876	33.40	919	36.98	959	40.53	998	44.06	1035	47.60	1071	51.14	1106	54.70	1140	58.29	1173	61.91
16974	4600	888	35.70	930	39.45	970	43.17	1009	46.87	1046	50.56	1081	54.25	1116	57.95	1149	61.66	1181	65.40
17712	4800	900	38.10	942	42.01	982	45.92	1020	49.79	1056	53.64	1091	57.48	1125	61.32	1158	65.17	1190	69.04
18450	5000	913	40.62	954	44.68	993	48.75	1031	52.81	1067	56.83	1102	60.83	1135	64.82	1168	68.82	1200	72.82
19188	5200	926	43.26	966	47.47	1005	51.70	1042	55.92	1078	60.12	1113	64.29	1146	68.48	1178	72.59	1210	76.74
19926	5400	939	46.05	979	50.38	1017	54.75	1054	59.14	1089	63.52	1124	67.87	1157	72.19	1189	76.50	1220	80.79
20664	5600	953	48.98	992	53.43	1030	57.94	1066	62.48	1101	67.02	1135	71.55	1168	76.05	1200	80.52	1231	84.98
21402	5800	967	52.07	1005	56.64	1042	61.27	1078	65.95	1113	70.64	1147	75.34	1179	80.02	1211	84.67	1241	89.29
22140	6000	981	55.33	1019	60.00	1055	64.75	1091	69.56	1125	74.40	1158	79.25	1191	84.10	1222	88.92	1252	93.72
22878	6200	996	58.77	1033	63.53	1069	68.39	1104	73.32	1138	78.30	1170	83.30	1202	88.30	1233	93.30	1264	98.28
23616	6400	1011	62.39	1047	67.25	1083	72.21	1117	77.25	1150	82.35	1183	87.49	1214	92.65	1245	97.80	1275	103.00
24354	6600	1027	66.19	1062	71.15	1097	76.20	1130	81.35	1163	86.57	1195	91.84	1227	97.14	1257	102.40	1287	107.80
CFM	OV	16.00		17.00		18.00		20.00		22.00		24.00		26.00		28.00		30.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9594	2600	1151	38.23	1185	40.79	1218	43.38	1282	48.64	1342	53.99	1400	59.41	1455	64.87	1509	70.34	1560	75.83
10332	2800	1155	40.81	1188	43.47	1221	46.16	1284	51.65	1344	57.25	1402	62.94	1457	68.71	1510	74.53	1561	80.39
11070	3000	1160	43.54	1193	46.30	1225	49.09	1287	54.76	1347	60.58	1404	66.51	1459	72.53	1512	78.63	1563	84.80
11808	3200	1165	46.37	1198	49.26	1230	52.17	1291	58.05	1350	64.04	1407	70.17	1461	76.42	1514	82.76	1565	89.19
12546	3400	1170	49.30	1203	52.31	1235	55.35	1296	61.48	1354	67.70	1410	74.00	1464	80.44	1516	86.99	1567	93.65
13284	3600	1176	52.34	1209	55.48	1240	58.64	1301	65.02	1359	71.49	1414	78.03	1468	84.65	1519	91.38	1570	98.23
14022	3800	<b>1183</b>	<b>55.47</b>	<b>1215</b>	<b>58.75</b>	1246	62.04	1306	68.68	1364	75.39	1419	82.18	1472	89.04	1524	95.98	1573	103.00
1460	4000	1190	58.72	1221	62.13	<b>1252</b>	<b>65.55</b>	1312	72.44	1370	79.41	1424	86.45	1477	93.56	1528	100.70	1577	108.00
15498	4200	1197	62.08	1229	65.62	1259	69.17	<b>1319</b>	<b>76.33</b>	1375	83.55	1430	90.85	1482	98.20	1533	105		

# Performance Data - Type OT

IndustraCon

# 29-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
50 <sup>1</sup> / <sub>2</sub> "	13.22'	29"	4.43 sq. ft.	24 <sup>5</sup> / <sub>8</sub> " x 27 <sup>11</sup> / <sub>16</sub> "	4.62 sq. ft.

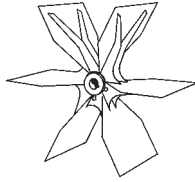
Legend:  = OT15  = OT17  = OT20

CFM	OV	STATIC PRESSURE																	
		1.00		1.50		2.00		2.50		3.00		3.50		4.00		5.00		6.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4620	1000	<b>267</b>	<b>1.16</b>	321	1.72	367	2.30	408	2.91	446	3.56	481	4.22	514	4.89	573	6.25	627	7.68
5544	1200	275	1.45	<b>327</b>	<b>2.09</b>	372	2.75	412	3.44	449	4.15	483	4.88	515	5.64	575	7.22	628	8.83
6468	1400	284	1.78	334	2.50	<b>378</b>	<b>3.25</b>	<b>417</b>	<b>4.02</b>	453	4.81	487	5.62	518	6.44	577	8.16	630	9.96
7392	1600	294	2.15	342	2.97	385	3.80	423	4.65	<b>459</b>	<b>5.53</b>	492	6.42	523	7.32	580	9.18	632	11.11
8316	1800	304	2.56	351	3.49	393	4.41	430	5.35	465	6.31	<b>498</b>	<b>7.28</b>	<b>528</b>	<b>8.27</b>	585	10.29	636	12.37
9240	2000	316	3.03	362	4.06	402	5.09	439	6.11	472	7.15	504	8.21	534	9.28	<b>590</b>	<b>11.47</b>	641	13.71
10164	2200	328	3.57	372	4.69	412	5.82	448	6.95	481	8.07	512	9.21	541	10.37	596	12.73	<b>646</b>	<b>15.13</b>
11088	2400	342	4.19	384	5.38	422	6.62	457	7.85	490	9.08	520	10.30	549	11.54	603	14.06	652	16.64
12012	2600	356	4.90	396	6.16	433	7.48	468	8.82	499	10.16	529	11.48	557	12.80	610	15.49	659	18.23
12936	2800	370	5.69	409	7.03	445	8.42	478	9.86	510	11.30	539	12.74	567	14.16	618	17.02	666	19.92
13860	3000	386	6.58	423	8.00	457	9.46	489	10.98	520	12.53	549	14.07	576	15.60	627	18.65	674	21.72
14784	3200	401	7.56	437	9.08	470	10.61	501	12.20	531	13.83	559	15.48	586	17.13	636	20.38	683	23.63
15708	3400	417	8.65	451	10.26	483	11.87	514	13.53	543	15.24	570	16.98	597	18.73	646	22.21	692	25.66
16632	3600	432	9.83	466	11.56	497	13.26	527	14.99	555	16.76	582	18.59	608	20.43	656	24.13	701	27.79
17556	3800	449	11.14	482	12.98	512	14.77	540	16.57	567	18.41	594	20.31	619	22.24	667	26.14	711	30.02
18480	4000	465	12.56	497	14.52	527	16.41	554	18.30	580	20.21	606	22.16	631	24.17	678	28.25	721	32.35
19404	4200	481	14.11	513	16.18	542	18.18	568	20.16	594	22.14	619	24.16	643	26.24	689	30.48	732	34.78
20328	4400	498	15.79	529	17.97	557	20.09	583	22.16	608	24.23	632	26.32	655	28.45	700	32.85	743	37.33
21252	4600	515	17.62	545	19.89	572	22.13	598	24.31	622	26.47	646	28.64	668	30.84	712	35.36	754	40.01
22176	4800	532	19.60	561	21.97	588	24.32	613	26.61	637	28.86	660	31.12	682	33.38	725	38.04	766	42.84
23100	5000	549	21.73	577	24.19	604	26.65	629	29.06	652	31.42	674	33.76	696	36.11	738	40.89	777	45.83
CFM	OV	7.00		8.00		9.00		10.00		11.00		12.00		13.00		14.00		15.00	
6468	1400	679	11.81	725	13.69	768	15.58	809	17.50	848	19.47	885	21.49	921	23.58	955	25.73	989	27.95
7392	1600	681	13.12	727	15.19	770	17.30	811	19.44	849	21.58	886	23.75	922	25.94	956	28.18	989	30.46
8316	1800	684	14.50	729	16.71	772	18.99	812	21.31	851	23.67	888	26.06	923	28.46	957	30.87	990	33.29
9240	2000	688	16.00	732	18.34	774	20.74	814	23.21	853	25.73	889	28.29	925	30.89	959	33.53	991	36.18
10164	2200	693	17.59	737	20.09	778	22.63	818	25.22	855	27.86	892	30.57	927	33.33	960	36.13	993	38.96
11088	2400	<b>698</b>	<b>19.26</b>	742	21.92	783	24.62	822	27.37	859	30.15	895	32.98	929	35.86	963	38.80	995	41.79
12012	2600	704	21.02	<b>747</b>	<b>23.85</b>	788	26.72	826	29.62	863	32.56	899	35.54	933	38.60	966	41.61	998	44.72
12936	2800	711	22.87	753	25.87	<b>793</b>	<b>28.91</b>	832	31.98	868	35.08	903	38.22	937	41.39	970	44.60	1002	47.84
13860	3000	718	24.83	760	28.00	800	31.20	<b>837</b>	<b>34.44</b>	<b>874</b>	<b>37.71</b>	909	41.01	942	44.34	975	47.71	1006	51.10
14784	3200	726	26.91	767	30.23	806	33.60	844	37.01	880	40.44	<b>914</b>	<b>43.91</b>	947	47.41	979	50.93	1011	54.49
15708	3400	735	29.11	775	32.59	814	36.11	851	39.69	886	43.29	920	46.93	<b>953</b>	<b>50.59</b>	<b>985</b>	<b>54.28</b>	1016	58.00
16632	3600	744	31.43	783	35.09	821	38.77	858	42.49	893	46.26	927	50.07	959	53.90	991	57.75	<b>1021</b>	<b>61.64</b>
17556	3800	753	33.87	792	37.71	830	41.56	866	45.44	900	49.36	934	53.33	966	57.33	997	61.35	1027	65.40
18480	4000	763	36.42	802	40.46	839	44.50	874	48.55	908	52.62	941	56.74	973	60.89	1004	65.09	1034	69.30
19404	4200	773	39.08	811	43.33	848	47.56	883	51.80	916	56.04	949	60.31	980	64.61	1011	68.96	1041	73.34
20328	4400	783	41.83	821	46.31	857	50.76	892	55.18	925	59.61	957	64.05	988	68.51	1019	73.00	1048	77.53
21252	4600	794	44.71	831	49.41	867	54.07	901	58.71	934	63.32	966	67.94	997	72.58	1027	77.23	<b>1056</b>	<b>81.91</b>
22176	4800	805	47.72	842	52.62	877	57.51	911	62.36	944	67.18	975	71.99	1006	76.80	1035	81.62	1064	86.46
23100	5000	816	50.87	852	55.96	887	61.06	921	66.13	953	71.17	985	76.19	1015	81.19	1044	86.19	1072	91.20
24024	5200	827	54.18	863	59.45	898	64.74	931	70.03	963	75.30	994	80.52	1024	85.73	1053	90.92	1081	96.11
24948	5400	839	57.67	875	63.10	909	68.58	942	74.07	973	79.55	1004	85.00	1034	90.41	1062	95.81	1090	101.20
25872	5600	851	61.34	886	66.92	920	72.57	952	78.25	984	83.94	1014	89.61	1044	95.24	1072	100.80	1100	106.40
26796	5800	864	65.22	896	70.93	931	76.74	963	82.60	994	88.48	1025	94.35	1054	100.20	1082	106.00	1109	111.80
27720	6000	877	69.30	911	75.14	943	81.10	975	87.12	1005	93.18	1035	99.26	1064	105.30	1092	114.40	1119	117.40
28644	6200	890	73.61	923	79.57	955	85.66	986	91.83	1016	98.06	1046	104.30	1074	110.60	1102	116.90	1129	123.10
29568	6400	904	78.14	936	84.22	967	90.43	998	96.75	1028	103.10	1057	109.60	1085	116.00	1113	122.50	1139	128.90
30492	6600	918	82.90	949	89.11	980	95.44	1010	101.90	1039	108.40	1068	115.00	1096	121.70	1123	128.30	1150	135.00
CFM	OV	16.00		17.00		18.00		20.00		22.00		24.00		26.00		28.00		30.00	
12012	2600	1029	47.88	1059	51.09	1089	54.33	1145	60.92	1199	67.62	1251	74.41	1301	81.25	1348	88.09	1394	94.97
12936	2800	1032	51.11	1062	54.44	1091	57.81	1147	64.68	1201	71.70	1253	78.83	1302	86.05	1350	93.34	1395	100.70
13860	3000	1036	54.53	1066	57.99	1095	61.48	1150	68.59	1203	75.87	1254	83.29	1304	90.84	1351	98.48	1397	106.20
14784	3200	1041	58.08	1070	61.69	1099	65.33	1154	72.70	1206	80.21	1257	87.89	1306	95.71	1353	103.70	1398	111.70
15708	3400	1046	61.75	1075	65.52	1103	69.32	1158	77.00	1210	84.79	1260	92.68	1308	100.70	1355	109.00	1400	117.30
16632	3600	1051	65.55	1080	69.48	1108	73.44	1162	81.43	1214	89.53	1264	97.72	1312	106.00	1358	114.40	1403	123.00
17556	3800	<b>1057</b>	<b>69.48</b>	<b>1086</b>	<b>73.57</b>	1113	77.70	1167	86.01	1219	94.42	1268	102.90	1316	111.50	1361	120.20	1406	129.00
18480	4000	1063	73.54	1091	77.81	<b>1119</b>	<b>82.09</b>	1173	90.73	1224	99.46	1273	108.30	1320	117.20	1366	126.20	1410	135.20
19404	4200	1070	77.75	1098	82.18	1125	86.63	<b>1178</b>	<b>95.60</b>	1229	104.60	1278	113.80	1325	123.00	1370	132.30	1414	141.70
20328	4400	1077	82.10	1104	86.70	1132	91.32	1184	100.60	<b>1235</b>	<b>110.00</b>	1283	119.40	1330	129.00	1375	138.60	1418	148.30
21252	4600	1084	86.62	1112	91.37														

# Type OT - Performance Data

IndustraCon

## 33-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
57 1/2"	15.05'	33"	5.76 sq. ft.	28" x 31 1/2"	5.99 sq. ft.

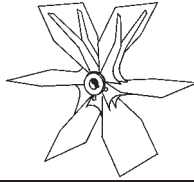
Legend:  = OT15  = OT17  = OT20

CFM	OV	STATIC PRESSURE																	
		1.00		1.50		2.00		2.50		3.00		3.50		4.00		5.00		6.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5990	1000	<b>235</b>	<b>1.51</b>	282	2.23	322	2.98	359	3.78	392	4.61	422	5.47	451	6.34	503	8.11	551	9.95
7188	1200	241	1.87	<b>287</b>	<b>2.71</b>	326	3.57	362	4.46	394	5.38	424	6.33	453	7.32	505	9.35	552	11.44
8386	1400	249	2.30	293	3.24	<b>332</b>	<b>4.21</b>	<b>366</b>	<b>5.21</b>	398	6.23	428	7.28	455	8.35	507	10.58	553	12.91
9584	1600	258	2.78	300	3.85	338	4.92	372	6.03	<b>403</b>	<b>7.17</b>	432	8.32	459	9.49	509	11.90	555	14.41
10782	1800	267	3.32	309	4.52	345	5.72	378	6.93	408	8.17	<b>437</b>	<b>9.44</b>	<b>464</b>	<b>10.72</b>	513	13.34	559	16.03
11980	2000	277	3.93	318	5.27	353	6.60	385	7.92	415	9.27	443	10.64	469	12.03	<b>518</b>	<b>14.87</b>	563	17.78
13178	2200	288	4.63	327	6.08	362	7.55	393	9.01	422	10.47	449	11.94	475	13.44	523	16.50	<b>567</b>	<b>19.62</b>
14376	2400	300	5.43	337	6.98	371	8.58	402	10.18	430	11.77	457	13.36	482	14.96	529	18.23	573	21.57
15574	2600	312	6.35	348	7.98	380	9.70	411	11.44	439	13.17	465	14.88	490	16.60	536	20.08	579	23.63
16772	2800	325	7.38	359	9.11	391	10.92	420	12.78	447	14.66	473	16.51	498	18.36	543	22.06	585	25.82
17970	3000	339	8.53	371	10.37	401	12.27	430	14.24	457	16.24	482	18.24	506	20.23	551	24.18	592	28.15
19168	3200	352	9.80	384	11.77	413	13.75	440	15.82	466	17.93	491	20.07	515	22.20	559	26.43	600	30.64
20366	3400	366	11.21	396	13.31	424	15.39	451	17.54	477	19.76	501	22.02	524	24.28	568	28.80	608	33.27
21564	3600	380	12.75	410	14.99	437	17.19	462	19.43	487	21.73	511	24.10	534	26.49	576	31.28	616	36.03
22762	3800	394	14.44	423	16.83	449	19.15	474	21.49	498	23.87	521	26.33	544	28.83	586	33.88	625	38.92
23960	4000	408	16.28	437	18.82	462	21.28	487	23.72	510	26.19	532	28.74	554	31.33	595	36.62	634	41.94
25158	4200	423	18.29	450	20.97	476	23.57	499	26.13	522	28.71	543	31.33	565	34.01	605	39.52	643	45.09
26356	4400	437	20.47	464	23.29	489	26.04	512	28.73	534	31.41	555	34.12	576	36.89	615	42.59	652	48.40
27554	4600	452	22.84	478	25.79	503	28.69	525	31.52	547	34.32	567	37.13	587	39.98	626	45.85	662	51.87
28752	4800	467	25.40	493	28.48	516	31.53	539	34.50	559	37.42	580	40.34	599	43.28	636	49.31	672	55.54
29950	5000	483	28.17	507	31.36	530	34.55	552	37.67	573	40.73	592	43.77	611	46.81	648	53.01	683	59.41
CFM	OV	7.00		8.00		9.00		10.00		11.00		12.00		13.00		14.00		15.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8386	1400	597	15.31	637	17.74	675	20.19	711	22.69	745	25.24	777	27.86	809	30.57	839	33.35	868	36.23
9584	1600	598	17.01	638	19.69	676	22.43	712	25.20	746	27.98	778	30.79	810	33.63	840	36.53	869	39.49
10782	1800	601	18.80	640	21.67	678	24.61	713	27.62	747	30.68	780	33.78	811	36.90	841	40.02	869	43.16
11980	2000	604	20.74	643	23.78	680	26.89	715	30.09	749	33.35	781	36.68	812	40.05	842	43.46	871	46.91
13178	2200	609	22.80	647	26.04	683	29.34	718	32.69	751	36.12	783	39.64	814	43.21	844	46.84	872	50.52
14376	2400	<b>613</b>	<b>24.97</b>	651	28.42	687	31.92	722	35.48	754	39.09	786	42.75	816	46.49	845	50.30	874	54.17
15574	2600	619	27.25	<b>656</b>	<b>30.92</b>	692	34.64	726	38.40	758	42.22	789	46.08	819	49.99	848	53.95	876	57.98
16772	2800	624	29.66	662	33.54	<b>697</b>	<b>37.48</b>	730	41.46	763	45.48	793	49.55	823	53.66	852	57.82	880	62.02
17970	3000	631	32.19	667	36.30	702	40.45	<b>736</b>	<b>44.65</b>	<b>767</b>	<b>48.89</b>	798	53.17	827	57.49	856	61.85	883	66.25
19168	3200	638	34.88	674	39.19	708	43.56	741	47.98	773	52.43	<b>803</b>	<b>56.93</b>	832	61.46	860	66.03	888	70.64
20366	3400	645	37.74	681	42.25	715	46.82	747	51.45	778	56.13	808	60.84	<b>837</b>	<b>65.59</b>	<b>865</b>	<b>70.37</b>	892	75.19
21564	3600	653	40.75	688	45.49	721	50.26	753	55.08	784	59.98	814	64.91	842	69.88	870	74.88	<b>897</b>	<b>79.91</b>
22762	3800	661	43.91	696	48.89	729	53.88	760	58.91	791	64.00	820	69.14	848	74.32	876	79.54	902	84.79
23960	4000	670	47.22	704	52.46	736	57.69	768	62.94	798	68.22	826	73.55	854	78.94	882	84.38	908	89.85
25158	4200	679	50.66	712	56.18	745	61.66	775	67.15	805	72.65	833	78.19	861	83.77	888	89.40	914	95.08
26356	4400	688	54.24	721	60.04	753	65.80	783	71.54	813	77.28	841	83.04	868	88.82	895	94.64	920	100.50
27554	4600	697	57.96	730	64.06	762	70.10	792	76.11	821	82.10	848	88.09	875	94.09	902	100.10	927	106.20
28752	4800	707	61.86	739	68.22	770	74.55	800	80.84	829	87.10	856	93.33	883	99.57	909	105.80	934	112.10
29950	5000	716	65.95	749	72.55	779	79.16	809	85.74	837	92.27	865	98.77	891	105.30	917	111.70	942	118.20
31148	5200	727	70.24	758	77.07	789	83.94	818	90.80	846	97.62	873	104.40	899	111.10	925	117.90	949	124.60
32346	5400	737	74.76	768	81.80	798	88.90	827	96.03	855	103.10	882	110.20	908	117.20	933	124.20	957	131.20
33544	5600	748	79.53	778	86.76	808	94.08	837	101.40	864	108.80	891	116.20	916	123.50	941	130.70	966	138.00
34742	5800	759	84.55	789	91.96	818	99.49	846	107.10	873	114.70	900	122.30	925	129.90	950	137.50	974	145.00
35940	6000	770	89.84	800	97.42	828	105.10	856	112.90	883	120.80	909	128.70	934	136.50	959	144.40	983	152.20
37138	6200	782	95.43	811	103.20	839	111.00	866	119.10	893	127.10	918	135.20	944	143.40	968	151.50	992	159.60
38336	6400	794	101.30	822	109.20	850	117.20	877	125.40	903	133.70	928	142.10	953	150.40	977	158.80	1001	167.20
39534	6600	806	107.50	834	115.50	861	123.70	887	132.10	913	140.60	938	149.10	963	157.70	986	166.30	1010	175.00
CFM	OV	16.00		17.00		18.00		20.00		22.00		24.00		26.00		28.00		30.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
15574	2600	904	62.07	930	66.23	956	70.44	1006	78.98	1053	87.67	1099	96.47	1142	105.30	1184	114.20	1224	123.10
16772	2800	906	66.27	933	70.57	958	74.95	1008	83.86	1055	92.95	1100	102.20	1144	111.60	1185	121.00	1225	130.50
17970	3000	910	70.70	936	75.18	961	79.70	1010	88.92	1057	98.36	1102	108.00	1145	117.80	1187	127.70	1227	137.70
19168	3200	914	75.29	940	79.98	965	84.70	1013	94.26	1059	104.00	1104	113.90	1147	124.10	1188	134.40	1228	144.80
20366	3400	918	80.05	944	84.94	969	89.87	1017	99.82	1063	109.90	1107	120.20	1149	130.60	1190	141.20	1230	152.10
21564	3600	923	84.98	949	90.08	973	95.21	1021	105.60	1066	116.10	1110	126.70	1152	137.40	1192	148.40	1232	159.50
22762	3800	<b>928</b>	<b>90.07</b>	<b>953</b>	<b>95.39</b>	978	100.70	1025	111.50	1070	122.40	1114	133.40	1155	144.60	1196	155.80	1235	167.20
23960	4000	934	95.35	959	100.90	<b>983</b>	<b>106.40</b>	1030	117.60	1075	128.90	1118	140.40	1159	151.90	1199	163.60	1238	175.30
25158	4200	939	100.80	964	106.50	988	112.30	<b>1035</b>	<b>123.90</b>	1079	135.70	1122	147.50	1163	159.50	1203	171.50	1242	183.70

# Performance Data - Type OT

IndustraCon

## 37-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
64 <sup>3</sup> / <sub>8</sub> "	16.85'	37"	7.27 sq. ft.	31 <sup>1</sup> / <sub>2</sub> " x 35 <sup>3</sup> / <sub>16</sub> "	7.51 sq. ft.

Legend:  = OT15  = OT17  = OT20

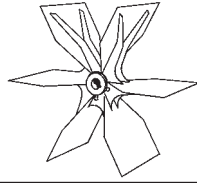
CFM	OV	STATIC PRESSURE																	
		1.00		1.50		2.00		2.50		3.00		3.50		4.00		5.00		6.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7510	1000	<b>210</b>	<b>1.89</b>	252	2.79	288	3.74	320	4.74	350	5.78	377	6.85	403	7.94	450	10.16	492	12.47
9012	1200	216	2.35	<b>256</b>	<b>3.39</b>	292	4.47	323	5.59	352	6.74	379	7.93	404	9.17	451	11.73	493	14.34
10514	1400	223	2.88	262	4.06	<b>296</b>	<b>5.28</b>	<b>327</b>	<b>6.53</b>	356	7.82	382	9.13	407	10.47	452	13.26	494	16.18
12016	1600	230	3.49	268	4.82	302	6.17	332	7.56	<b>360</b>	<b>8.98</b>	386	10.43	410	11.90	455	14.92	496	18.06
13518	1800	239	4.16	276	5.67	308	7.17	338	8.69	365	10.25	<b>390</b>	<b>11.83</b>	<b>414</b>	<b>13.44</b>	459	16.72	499	20.10
15020	2000	248	4.93	284	6.60	315	8.27	344	9.93	371	11.62	396	13.34	419	15.08	<b>463</b>	<b>18.64</b>	503	22.28
16522	2200	258	5.80	292	7.62	323	9.47	351	11.29	377	13.12	401	14.97	424	16.85	467	20.68	<b>507</b>	<b>24.59</b>
18024	2400	268	6.81	301	8.75	331	10.76	359	12.76	384	14.75	408	16.74	431	18.75	473	22.85	512	27.04
19526	2600	279	7.96	311	10.01	340	12.16	367	14.34	392	16.50	415	18.65	437	20.81	479	25.16	517	29.62
21028	2800	291	9.25	321	11.42	349	13.69	375	16.02	400	18.37	423	20.70	444	23.01	485	27.65	523	32.36
22530	3000	302	10.69	331	13.00	358	15.38	384	17.85	408	20.35	431	22.86	452	25.36	492	30.31	529	35.29
24032	3200	315	12.29	343	14.75	369	17.24	393	19.83	417	22.48	439	25.16	460	27.83	499	33.13	536	38.40
25534	3400	327	14.05	354	16.68	379	19.30	403	21.99	426	24.77	447	27.59	468	30.44	507	36.09	543	41.70
27036	3600	339	15.98	366	18.79	390	21.55	413	24.35	435	27.24	456	30.20	477	33.20	515	39.21	550	45.16
28538	3800	352	18.10	378	21.09	401	24.01	424	26.93	445	29.92	466	33.00	486	36.14	523	42.47	558	48.79
30040	4000	365	20.41	390	23.59	413	26.67	435	29.73	455	32.83	475	36.02	495	39.27	532	45.90	566	52.57
31542	4200	378	22.92	402	26.29	425	29.55	446	32.76	466	35.98	485	39.27	504	42.63	540	49.53	574	56.52
33044	4400	391	25.66	415	29.20	437	32.64	457	36.01	477	39.37	496	42.77	514	46.24	549	53.38	583	60.66
34546	4600	404	28.63	427	32.33	449	35.96	469	39.51	488	43.01	507	46.54	524	50.11	559	57.46	592	65.02
36048	4800	417	31.84	440	35.70	461	39.52	481	43.24	500	46.90	518	50.56	535	54.25	569	61.81	601	69.61
37550	5000	431	35.31	453	39.31	474	43.31	493	47.22	511	51.05	529	54.86	546	58.67	579	66.44	610	74.47
CFM	OV	7.00		8.00		9.00		10.00		11.00		12.00		13.00		14.00		15.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
10514	1400	533	19.19	569	22.24	603	25.31	635	28.44	665	31.64	694	34.92	722	38.31	750	41.81	776	45.42
12016	1600	534	21.32	570	24.68	604	28.11	636	31.59	666	35.07	695	38.59	723	42.16	750	45.79	776	49.49
13518	1800	537	23.57	572	27.16	605	30.85	637	34.63	667	38.46	696	42.35	724	46.25	751	50.16	777	54.10
15020	2000	540	26.00	575	29.80	607	33.70	639	37.71	669	41.81	698	45.97	725	50.20	752	54.48	778	58.79
16522	2200	544	28.58	578	32.64	610	36.77	641	40.97	671	45.28	699	49.68	727	54.16	753	58.71	779	63.92
18024	2400	<b>548</b>	<b>31.30</b>	582	35.62	614	40.01	645	44.47	674	49.00	702	53.59	729	58.27	755	63.05	781	67.30
19526	2600	553	34.16	<b>586</b>	<b>38.76</b>	618	43.41	648	48.13	677	52.92	705	57.76	732	62.66	758	67.62	783	72.67
21028	2800	558	37.17	591	42.04	<b>622</b>	<b>46.98</b>	652	51.96	681	57.01	709	62.11	735	67.26	761	72.48	786	77.74
22530	3000	563	40.35	596	45.49	627	50.70	<b>657</b>	<b>55.96</b>	<b>685</b>	<b>61.27</b>	713	66.64	739	72.06	764	77.52	789	83.04
24032	3200	570	43.72	602	49.12	633	54.60	662	60.14	690	65.72	<b>717</b>	<b>71.35</b>	743	77.04	768	82.77	793	88.55
25534	3400	576	47.30	608	52.96	638	58.68	667	64.49	695	70.35	722	76.26	<b>748</b>	<b>82.21</b>	<b>773</b>	<b>88.21</b>	797	94.25
27036	3600	583	51.08	615	57.01	644	63.00	673	69.04	700	75.18	727	81.36	752	87.58	777	93.85	<b>801</b>	<b>100.20</b>
28538	3800	591	55.04	622	61.28	651	67.54	679	73.85	706	80.21	732	86.66	758	93.16	782	99.70	806	106.30
30040	4000	598	59.18	629	65.75	658	72.31	686	78.89	712	85.51	738	92.20	763	98.95	787	105.80	811	112.60
31542	4200	606	63.50	636	70.41	665	77.29	692	84.17	719	91.07	744	98.01	769	105.00	793	112.10	816	119.20
33044	4400	614	67.98	644	75.26	672	82.48	700	89.67	726	96.87	751	104.10	775	111.30	799	118.60	822	126.00
34546	4600	623	72.65	652	80.29	680	87.87	707	95.40	733	102.90	758	110.40	782	117.90	805	125.50	828	133.10
36048	4800	631	77.54	660	85.51	688	93.45	715	101.30	740	109.20	765	117.00	789	124.80	812	132.60	834	140.50
37550	5000	640	82.66	669	90.94	696	99.22	723	107.50	748	115.70	772	123.80	796	131.90	819	140.10	841	148.20
39052	5200	649	88.05	677	96.60	704	105.20	731	113.80	756	122.40	780	130.80	803	139.30	826	147.70	848	156.20
40554	5400	658	93.71	686	102.50	713	111.40	739	120.40	764	129.30	788	138.10	811	146.90	833	155.70	855	164.40
42056	5600	668	99.68	695	108.70	722	117.90	747	127.20	772	136.40	796	145.60	819	154.80	841	163.90	863	172.90
43558	5800	678	106.00	705	115.30	731	124.70	756	134.20	780	143.80	804	153.30	827	162.80	849	172.30	870	181.70
45060	6000	688	112.60	714	122.10	740	131.80	765	141.60	789	151.40	812	161.30	835	171.20	857	181.00	878	190.70
46562	6200	698	119.60	724	129.30	749	139.20	774	149.20	797	159.40	820	169.50	843	179.70	865	189.90	886	200.00
48064	6400	709	127.00	734	136.90	759	147.00	783	157.20	806	167.60	829	178.10	851	188.50	873	199.00	894	209.50
49566	6600	720	134.70	745	144.80	769	155.10	792	165.60	815	176.20	838	186.90	860	197.70	881	208.50	902	219.30
CFM	OV	16.00		17.00		18.00		20.00		22.00		24.00		26.00		28.00		30.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
19526	2600	807	77.80	831	83.01	854	88.29	899	99.00	941	109.90	981	120.90	1020	132.00	1058	143.10	1093	154.30
21028	2800	810	83.06	833	88.46	856	93.94	900	105.10	942	116.50	983	128.10	1021	139.80	1059	151.70	1095	163.60
22530	3000	813	88.61	836	94.23	859	99.90	902	111.50	944	123.30	984	135.40	1023	147.60	1060	160.00	1096	172.60
24032	3200	816	94.37	840	100.20	862	106.20	905	118.10	946	130.30	986	142.80	1024	155.50	1061	168.40	1097	181.50
25534	3400	820	100.30	843	106.50	865	112.60	908	125.10	949	137.80	988	150.60	1026	163.70	1063	177.00	1098	190.60
27036	3600	825	106.50	847	112.90	869	119.30	912	132.30	953	145.50	991	158.80	1029	172.30	1065	186.00	1100	199.90
28538	3800	<b>829</b>	<b>112.90</b>	<b>852</b>	<b>119.60</b>	873	126.30	916	139.80	956	153.40	995	167.20	1032	181.20	1068	195.30	1103	209.60
30040	4000	834	119.50	856	126.40	<b>878</b>	<b>133.40</b>	920	147.40	960	161.60	998	175.90	1035	190.40	1071	205.00	1106	219.80
31542	4200	839	126.30	861	133.50	883	140.80	<b>924</b>	<b>155.30</b>	964	170.00	1							



# Type OT - Performance Data

IndustraCon

## 41-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
7 1/4"	18.65"	41"	8.95 sq. ft.	34 13/16" x 38 15/16"	9.20 sq. ft.

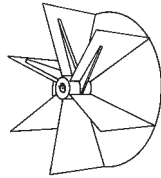
Legend:  = OT15  = OT17  = OT20

CFM	OV	STATIC PRESSURE																	
		1.00		1.50		2.00		2.50		3.00		3.50		4.00		5.00		6.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9200	1000	<b>190</b>	<b>2.32</b>	228	3.42	260	4.58	289	5.80	316	7.08	341	8.39	364	9.73	406	12.45	445	15.28
11040	1200	195	2.88	<b>232</b>	<b>4.16</b>	263	5.48	292	6.85	318	8.26	342	9.72	365	11.23	407	14.36	445	17.57
12880	1400	201	3.53	237	4.98	<b>268</b>	<b>6.47</b>	<b>296</b>	<b>8.00</b>	321	9.57	345	11.18	367	12.82	409	16.25	447	19.82
14720	1600	208	4.27	242	5.91	273	7.56	300	9.26	<b>325</b>	<b>11.00</b>	349	12.77	<b>371</b>	<b>14.58</b>	411	18.28	448	22.12
16560	1800	216	5.10	249	6.95	278	8.78	305	10.64	330	12.55	<b>353</b>	<b>14.49</b>	<b>374</b>	<b>16.46</b>	414	20.48	451	24.62
18400	2000	224	6.04	256	8.09	285	10.13	311	12.16	335	14.23	357	16.34	379	18.48	<b>418</b>	<b>22.83</b>	<b>454</b>	<b>27.29</b>
20240	2200	233	7.11	264	9.33	292	11.59	317	13.83	341	16.07	363	18.33	384	20.64	422	25.34	458	30.13
22080	2400	242	8.34	272	10.72	299	13.18	324	15.63	347	18.07	369	20.51	389	22.97	427	27.99	462	33.12
23920	2600	252	9.75	281	12.26	307	14.89	331	17.56	354	20.22	375	22.85	395	25.49	432	30.83	467	36.29
25760	2800	263	11.33	290	13.99	315	16.77	339	19.63	361	22.50	382	25.35	402	28.19	438	33.87	472	39.64
27600	3000	273	13.10	299	15.92	324	18.84	347	21.86	369	24.93	389	28.01	408	31.06	444	37.13	478	43.23
29440	3200	284	15.05	310	18.07	333	21.12	355	24.29	376	27.54	397	30.82	416	34.09	451	40.58	484	47.04
31280	3400	295	17.21	320	20.43	343	23.64	364	26.94	385	30.34	404	33.80	423	37.29	458	44.22	490	51.08
33120	3600	306	19.58	331	23.02	352	26.40	373	29.83	393	33.37	412	37.00	431	40.67	465	48.03	497	55.32
34960	3800	318	22.17	341	25.84	363	29.41	383	32.99	402	36.66	421	40.43	439	44.27	473	52.03	504	59.76
36800	4000	329	25.00	352	28.90	373	32.67	393	36.42	411	40.22	429	44.12	447	48.11	480	56.23	511	64.40
38640	4200	341	28.08	363	32.20	384	36.20	403	40.13	421	44.08	439	48.10	456	52.23	488	60.68	519	69.24
40480	4400	353	31.44	375	35.76	395	39.99	413	44.12	431	48.23	448	52.40	465	56.64	496	65.39	527	74.31
42320	4600	365	35.07	386	39.60	406	44.06	424	48.39	441	52.69	458	57.01	474	61.38	505	70.39	534	79.65
44160	4800	377	39.01	398	43.73	417	48.41	435	52.97	452	57.46	468	61.94	483	66.46	514	75.72	543	85.28
46000	5000	389	43.25	409	48.16	428	53.05	445	57.85	462	62.54	478	67.20	493	71.87	523	81.39	551	91.22
CFM	OV	7.00		8.00		9.00		10.00		11.00		12.00		13.00		14.00		15.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
12880	1400	482	23.51	514	27.24	545	31.01	574	34.84	601	38.75	627	42.78	653	46.93	677	51.21	701	55.63
14720	1600	483	26.12	515	30.24	546	34.44	575	38.69	602	42.96	628	47.27	653	51.64	678	56.09	701	60.63
16560	1800	485	28.87	517	33.27	547	37.79	576	42.42	603	47.11	629	51.87	654	56.65	678	61.45	702	66.28
18400	2000	488	31.85	519	36.51	549	41.28	577	46.19	604	51.21	630	56.32	655	61.50	680	66.74	703	72.02
20240	2200	491	35.01	522	39.98	552	45.04	579	50.19	606	55.47	632	60.86	657	66.35	681	71.92	704	77.56
22080	2400	<b>495</b>	<b>38.34</b>	526	43.64	555	49.02	582	54.48	609	60.02	634	65.64	659	71.39	682	77.24	705	83.18
23920	2600	499	41.84	<b>530</b>	<b>47.48</b>	558	53.18	586	58.97	612	64.82	637	70.75	661	76.76	685	82.83	707	89.02
25760	2800	504	45.53	534	51.50	<b>562</b>	<b>57.54</b>	589	63.65	615	69.83	640	76.08	664	82.40	687	88.78	710	95.23
27600	3000	509	49.42	539	55.73	567	62.11	<b>594</b>	<b>68.55</b>	<b>619</b>	<b>75.06</b>	644	81.63	668	88.27	691	94.97	713	101.70
29440	3200	515	53.56	544	60.17	572	66.77	598	73.67	623	80.51	<b>648</b>	<b>87.41</b>	<b>671</b>	<b>94.37</b>	<b>694</b>	<b>101.40</b>	716	108.50
31280	3400	521	57.95	549	64.87	577	71.88	603	79.00	628	86.18	652	93.42	<b>676</b>	<b>100.70</b>	<b>698</b>	<b>108.10</b>	720	115.50
33120	3600	527	62.57	555	69.84	582	77.17	608	84.58	633	92.09	657	99.66	680	107.30	702	115.00	<b>724</b>	<b>122.70</b>
34960	3800	534	67.43	562	75.07	588	82.74	614	90.46	638	98.26	662	106.20	685	114.10	707	122.10	728	130.20
36800	4000	541	72.50	568	80.54	594	88.58	619	96.64	644	104.80	667	112.90	690	121.20	711	129.60	733	138.00
38640	4200	548	77.78	575	86.25	601	94.68	626	103.10	650	111.60	673	120.10	695	128.60	717	137.30	738	146.00
40480	4400	555	83.28	582	92.19	608	101.00	632	109.80	656	118.70	679	127.50	701	136.40	722	145.30	743	154.30
42320	4600	562	89.00	589	98.35	615	107.60	639	116.90	662	126.10	685	135.20	706	144.50	728	153.70	748	163.00
44160	4800	570	94.99	597	104.70	622	114.50	646	124.10	669	133.70	691	143.30	713	152.90	734	162.50	754	172.10
46000	5000	578	101.30	604	111.40	629	121.50	653	131.60	676	141.70	698	151.70	719	161.60	740	171.60	760	181.50
47840	5200	586	107.90	612	118.30	637	128.90	660	139.40	683	149.90	705	16.30	726	170.60	746	181.00	766	191.30
49680	5400	595	114.80	620	125.60	644	136.50	668	147.40	690	158.40	712	169.20	733	180.00	753	190.70	773	201.40
51520	5600	604	122.10	628	133.20	652	144.50	675	155.80	697	167.10	719	178.40	740	189.60	760	200.70	779	211.90
53360	5800	612	129.80	637	141.20	660	152.80	683	164.40	705	176.10	726	187.80	747	199.50	767	211.10	786	222.60
55200	6000	622	138.00	645	149.60	668	161.40	691	173.40	713	185.50	734	197.60	754	209.70	774	221.70	793	233.70
57040	6200	631	146.50	654	158.40	677	170.50	699	182.80	720	195.20	741	207.70	761	220.10	781	232.60	800	245.00
58880	6400	641	155.50	663	167.70	686	180.00	707	192.60	728	205.30	749	218.10	769	231.00	789	243.80	807	256.70
60720	6600	650	165.00	673	177.40	695	190.00	716	202.80	737	215.80	757	229.00	777	242.20	796	255.40	815	268.60
CFM	OV	16.00		17.00		18.00		20.00		22.00		24.00		26.00		28.00		30.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
23920	2600	729	95.31	751	101.70	772	108.20	812	121.30	850	134.60	887	148.10	922	161.70	955	175.40	988	189.00
25760	2800	732	101.70	753	108.40	773	115.10	813	128.80	851	142.70	888	156.90	923	171.30	956	185.80	989	200.40
27600	3000	734	108.60	755	115.40	776	122.40	815	136.50	853	151.00	889	165.80	924	180.80	958	196.00	990	211.40
29440	3200	738	115.60	759	122.80	779	130.10	818	144.70	855	159.70	891	174.90	925	190.50	959	206.30	991	222.40
31280	3400	741	122.90	762	130.40	782	138.00	821	153.30	858	168.80	893	184.50	927	200.50	960	216.90	992	233.50
33120	3600	745	130.50	765	138.30	785	146.20	824	162.10	861	178.20	896	194.50	930	211.00	962	227.80	994	244.90
34960	3800	<b>749</b>	<b>138.30</b>	<b>769</b>	<b>146.50</b>	789	154.70	827	171.20	864	188.00	899	204.90	932	222.00	965	239.30	996	256.80
36800	4000	753	146.40	774	154.90	<b>793</b>	<b>163.40</b>	831	180.60	867	198.00	902	215.50	936	233.20	968	251.10	999	269.20
38640	4200	758	154.80	778	163.60	798	172.50	<b>835</b>											

# Performance Data - Type WT

IndustraCon

## 7-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
12 <sup>1</sup> / <sub>4</sub> "	3.21'	7"	.25 sq. ft.	6 <sup>1</sup> / <sub>8</sub> " x 6 <sup>13</sup> / <sub>16</sub> "	0.27 sq. ft.

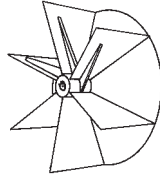
Legend:  = WT15

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
270	1000	880	0.05	1150	0.09	1368	0.13	1558	0.17	1728	0.22	1884	0.27	2028	0.32	2163	0.37	2291	0.43
224	1200	932	0.06	<b>1193</b>	<b>0.11</b>	1404	0.15	1587	0.20	1752	0.26	1904	0.31	2046	0.37	2179	0.43	2304	0.49
378	1400	938	0.08	1240	0.13	<b>1445</b>	<b>0.18</b>	1623	0.24	1784	0.30	1932	0.36	2070	0.42	2200	0.48	2323	0.55
432	1600	1048	0.10	1291	0.16	1491	0.22	<b>1665</b>	<b>0.28</b>	1821	0.34	1966	0.41	2101	0.48	2228	0.54	2348	0.61
486	1800	1109	0.12	1346	0.19	1540	0.26	1710	0.33	<b>1863</b>	<b>0.39</b>	2004	0.47	2136	0.54	2261	0.61	2379	0.69
540	2000	1173	0.15	1403	0.22	1592	0.30	1758	0.38	1909	0.45	<b>2047</b>	<b>0.53</b>	<b>2176</b>	<b>0.61</b>	2298	0.68	2414	0.77
594	2200	1240	0.18	1462	0.26	1647	0.34	1809	0.43	1957	0.51	2093	0.60	2219	0.68	<b>2339</b>	<b>0.77</b>	2453	0.85
648	2400	1310	0.22	1523	0.31	1704	0.40	1862	0.49	2007	0.58	2141	0.67	2265	0.76	2383	0.85	<b>2495</b>	<b>0.94</b>
702	2600	1382	0.27	1585	0.36	1763	0.45	1918	0.55	2059	0.65	2190	0.75	2313	0.85	2429	0.95	2539	1.05
756	2800	1456	0.32	1649	0.41	1822	0.52	1975	0.62	2114	0.72	2242	0.83	2363	0.94	2478	1.05	2586	1.15
810	3000	1531	0.37	1716	0.48	1883	0.59	2034	0.69	2170	0.81	2297	0.92	2415	1.04	2528	1.15	2635	1.26
864	3200	1608	0.44	1784	0.55	1946	0.66	2094	0.78	2228	0.90	2352	1.02	2469	1.14	2579	1.26	2685	1.38
918	3400	1685	0.51	1854	0.63	2010	0.75	2154	0.87	2287	0.99	2418	1.12	2524	1.25	2633	1.38	2737	1.51
972	3600	1764	0.59	1926	0.71	2076	0.84	2216	0.97	2347	1.10	2468	1.23	2581	1.37	2688	1.50	2791	1.64
1026	3800	1844	0.68	1999	0.81	2143	0.94	2280	1.08	2408	1.21	2527	1.35	2639	1.49	2745	1.63	2846	1.78
1080	4000	1924	0.78	2073	0.92	2213	1.05	2344	1.19	2469	1.34	2587	1.48	2698	1.63	2803	1.78	2902	1.92
1134	4200	2006	0.89	2148	1.03	2283	1.17	2411	1.32	2532	1.47	2648	1.62	2758	1.77	2861	1.93	2960	2.08
1188	4400	2087	1.01	2225	1.16	2355	1.31	2478	1.46	2597	1.61	2710	1.77	2818	1.93	2921	2.09	3018	2.25
1242	4600	2170	1.14	2302	1.29	2428	1.45	2548	1.61	2662	1.77	2773	1.93	2879	2.10	2981	2.26	3077	2.43
1296	4800	2252	1.28	2380	1.44	2502	1.60	2618	1.77	2730	1.93	2837	2.10	2941	2.27	3041	2.45	3137	2.62
1350	5000	2336	1.43	2458	1.60	2576	1.77	2689	1.94	2798	2.11	2903	2.28	3005	2.46	3103	2.64	3197	2.82
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
378	1400	2441	0.62	2553	0.68	2661	0.75	2765	0.83	2865	0.90	2962	0.97	3056	1.05	3147	1.13	3235	1.21
432	1600	2463	0.69	2574	0.76	2680	0.84	2782	0.91	2881	0.99	2977	1.07	3070	1.15	3160	1.23	3248	1.32
486	1800	2492	0.76	2600	0.84	2704	0.92	2804	1.01	2902	1.09	2996	1.17	3088	1.26	3177	1.35	3264	1.44
540	2000	2524	0.85	2631	0.93	2733	1.02	2832	1.11	2927	1.19	3020	1.28	3110	1.37	3198	1.47	3284	1.56
594	2200	2561	0.94	2666	1.03	2766	1.12	2863	1.21	2957	1.31	3048	1.40	3137	1.50	3224	1.59	3308	1.69
648	2400	2602	1.04	2704	1.13	2803	1.23	2898	1.33	2991	1.42	3081	1.52	3168	1.63	3253	1.73	3336	1.83
702	2600	<b>2645</b>	<b>1.14</b>	<b>2746</b>	<b>1.24</b>	<b>2843</b>	1.35	2937	1.45	3028	1.55	3116	1.66	3202	1.76	3286	1.87	3368	1.98
756	2800	2690	1.26	2790	1.36	<b>2885</b>	<b>1.47</b>	<b>2978</b>	<b>1.58</b>	3068	1.69	3155	1.80	3240	1.91	3322	2.02	3403	2.14
810	3000	2737	1.38	2836	1.49	2930	1.61	3022	1.72	<b>3110</b>	<b>1.83</b>	<b>3196</b>	<b>1.95</b>	3280	2.07	3361	2.19	3441	2.30
864	3200	2786	1.50	2883	1.63	2977	1.75	3067	1.87	3154	1.99	3239	2.11	<b>3322</b>	<b>2.23</b>	<b>3403</b>	<b>2.36</b>	3481	2.48
918	3400	2836	1.64	2932	1.77	3025	1.90	3114	2.02	3201	2.15	3285	2.28	3366	2.41	3446	2.54	<b>3523</b>	<b>2.67</b>
972	3600	2889	1.78	2983	1.91	3074	2.05	3163	2.19	3248	2.32	3331	2.46	3412	2.60	3491	2.73	3568	2.87
1026	3800	2942	1.92	3035	2.07	3125	2.21	3213	2.36	3297	2.50	3380	2.65	3460	2.79	3538	2.93	3614	3.08
1080	4000	2997	2.08	3089	2.23	3178	2.38	3264	2.53	3347	2.69	3429	2.84	3508	2.99	3585	3.14	3661	3.29
1134	4200	3054	2.24	3144	2.40	3232	2.56	3317	2.72	3399	2.88	3479	3.04	3558	3.20	3634	3.36	3709	3.52
1188	4400	3111	2.41	3201	2.58	3287	2.74	3371	2.91	3452	3.08	3532	3.25	3609	3.41	3684	3.58	3758	3.75
1242	4600	3169	2.60	3258	2.77	3343	2.94	3426	3.11	3507	3.29	3585	3.46	3661	3.64	3736	3.81	3809	3.99
1296	4800	3228	2.80	3316	2.97	3401	3.15	3483	3.33	3562	3.51	3640	3.69	3715	3.87	3789	4.05	3861	4.24
1350	5000	3288	3.00	3375	3.19	3459	3.37	3540	3.55	3619	3.74	3695	3.93	3770	4.12	3843	4.30	3914	4.49
1404	5200	3348	3.22	3434	3.41	3517	3.60	3598	3.79	3676	3.98	3752	4.18	3826	4.37	3898	4.57	3968	4.76
1458	5400	3409	3.46	3494	3.65	3577	3.85	3657	4.04	3734	4.24	3809	4.44	3882	4.64	3954	4.84	4024	5.04
1512	5600	3470	3.70	3555	3.90	3637	4.10	3716	4.31	3793	4.51	3867	4.72	3940	4.92	4010	5.13	4080	5.34
1566	5800	3533	3.96	3616	4.17	3697	4.38	3776	4.59	3852	4.80	3926	5.01	3998	5.22	4068	5.43	4137	5.64
1620	6000	3596	4.23	3678	4.45	3758	4.66	3836	4.88	3911	5.09	3985	5.31	4056	5.53	4126	5.75	4194	5.97
1674	6200	3660	4.52	3741	4.74	3820	4.96	3897	5.18	3972	5.41	4045	5.63	4116	5.85	4185	6.08		
1728	6400	3726	4.82	3805	5.05	3883	5.27	3958	5.50	4032	5.73	4105	5.96						
1782	6600	3792	5.14	3870	5.37	3946	5.60	4021	5.84	4094	6.07								
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
486	1800	3431	1.62	3591	1.80	3744	1.99	3891	2.19	4033	2.39	4171	2.59	4304	2.80	4433	3.01	4559	3.23
<b>540</b>	<b>2000</b>	<b>3449</b>	1.75	<b>3607</b>	1.95	<b>3759</b>	2.14	<b>3905</b>	2.35	<b>4046</b>	2.56	<b>4182</b>	2.77	<b>4314</b>	2.98	<b>4442</b>	3.20	<b>4567</b>	3.43
594	2200	<b>3471</b>	<b>1.89</b>	<b>3627</b>	<b>2.10</b>	<b>3777</b>	<b>2.31</b>	<b>3922</b>	<b>2.52</b>	<b>4061</b>	<b>2.74</b>	<b>4196</b>	<b>2.96</b>	<b>4327</b>	<b>3.18</b>	<b>4455</b>	<b>3.41</b>	<b>4579</b>	<b>3.64</b>
648	2400	3497	2.04	3651	2.26	3799	2.48	3942	2.70	4080	2.93	4214	3.16	4343	3.39	4470	3.63	4593	3.87
702	2600	3526	2.20	3678	2.43	3824	2.66	3965	2.89	4102	3.13	4234	3.37	4362	3.61	4488	3.86	4609	4.11
756	2800	3559	2.37	3709	2.60	3853	2.84	3992	3.09	4127	3.33	4258	3.59	4385	3.84	4508	4.10	4629	4.36
810	3000	3595	2.55	3743	2.79	3885	3.04	4022	3.29	4155	3.55	4285	3.81	4410	4.08	4532	4.35	4652	4.62
864	3200	3633	2.73	3779	2.99	3920	3.25	4055	3.51	4187	3.78	4314	4.05	4439	4.33	4559	4.60		
918	3400	3674	2.93	3818	3.20	3957	3.47	4091	3.74	4221	4.02	4347	4.30	4470	4.59	4589	4.87		
972	3600	<b>3716</b>	<b>3.14</b>	3859	3.42	3996	3.70	4129	3.98	4257	4.27	4382	4.56	4503	4.86	4621	5.15		
1026	3800	3760	3.36	<b>3901</b>	<b>3.65</b>	<b>4037</b>	<b>3.94</b>	4168	4.24	4295									

# Type WT - Performance Data

IndustraCon

## 9-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
15 <sup>5</sup> / <sub>8</sub> "	4.09'	9"	.42 sq. ft.	7 <sup>3</sup> / <sub>4</sub> " x 8 <sup>5</sup> / <sub>8</sub> "	0.44 sq. ft.

Legend:  = WT15  = WT17

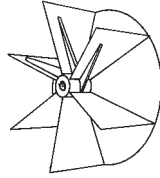
CFM	OV	STATIC PRESSURE																			
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
440	1000	690	0.08	902	0.14	1073	0.21	1221	0.28	1355	0.36	1477	0.44	1590	0.52	1696	0.61	1796	0.70		
528	1200	731	0.10	<b>935</b>	<b>0.17</b>	1100	0.25	1244	0.33	1374	0.42	1493	0.51	1604	0.60	1708	0.69	1807	0.79		
616	1400	775	0.13	972	0.21	<b>1133</b>	<b>0.30</b>	1273	0.39	1399	0.48	1515	0.58	1623	0.68	1725	0.79	1822	0.89		
704	1600	821	0.16	1012	0.26	1169	0.36	<b>1305</b>	<b>0.46</b>	1428	0.56	1541	0.66	1647	0.77	1747	0.89	1841	1.00		
792	1800	869	0.20	1055	0.31	1207	0.42	1341	0.53	<b>1461</b>	<b>0.64</b>	1571	0.76	1675	0.87	1772	0.99	1865	1.12		
880	2000	920	0.24	1100	0.36	1248	0.49	1379	0.61	1496	0.73	<b>1605</b>	<b>0.86</b>	<b>1706</b>	<b>0.99</b>	1802	1.11	1892	1.25		
968	2200	972	0.30	1147	0.43	1291	0.56	1418	0.70	1534	0.83	1641	0.97	1740	1.11	<b>1834</b>	<b>1.25</b>	1923	1.39		
1056	2400	1027	0.36	1194	0.50	1336	0.64	1460	0.79	1573	0.94	1678	1.09	1776	1.24	1868	1.39	<b>1956</b>	<b>1.54</b>		
1144	2600	1084	0.43	1243	0.58	1382	0.74	1504	0.89	1614	1.06	1717	1.22	1814	1.38	1905	1.54	1991	1.70		
1232	2800	1141	0.51	1293	0.67	1429	0.84	1549	1.01	1657	1.18	1758	1.35	1853	1.53	1943	1.70	2028	1.87		
1320	3000	1200	0.61	1345	0.78	1477	0.95	1595	1.13	1702	1.31	1801	1.50	1893	1.68	1982	1.87	2066	2.06		
1408	3200	1260	0.71	1399	0.89	1525	1.08	1642	1.27	1747	1.46	1844	1.65	1936	1.85	2022	2.05	2105	2.25		
1496	3400	1321	0.83	1454	1.02	1576	1.22	1689	1.41	1793	1.62	1889	1.82	1979	2.03	2064	2.24	2146	2.45		
1584	3600	1383	0.96	1510	1.16	1627	1.37	1738	1.58	1840	1.79	1935	2.00	2024	2.22	2108	2.44	2188	2.66		
1672	3800	1446	1.11	1567	1.32	1680	1.53	1787	1.75	1888	1.98	1981	2.20	2069	2.43	2152	2.66	2231	2.89		
1760	4000	1509	1.27	1625	1.49	1735	1.71	1838	1.94	1936	2.18	2029	2.41	2115	2.65	2197	2.89	2275	3.13		
1848	4200	1572	1.45	1684	1.68	1790	1.91	1890	2.15	1985	2.39	2076	2.64	2162	2.89	2243	3.14	2320	3.39		
1936	4400	1636	1.64	1744	1.88	1846	2.12	1943	2.37	2036	2.62	2125	2.88	2209	3.14	2290	3.40	2366	3.66		
2024	4600	1701	1.85	1805	2.10	1903	2.35	1997	2.61	2087	2.87	2174	3.14	2257	3.41	2337	3.68	2412	3.95		
2112	4800	1766	2.08	1866	2.34	1961	2.60	2053	2.87	2140	3.14	2225	3.42	2306	3.70	2384	3.98	2459	4.26		
2200	5000	1831	2.33	1927	2.60	2020	2.87	2109	3.15	2194	3.43	2276	3.72	2356	4.01	2433	4.30	2507	4.59		
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
616	1400	1914	1.00	2002	1.11	2086	1.23	2167	1.34	2246	1.46	2322	1.59	2396	1.71	2467	1.84	2536	1.97		
704	1600	1931	1.12	2018	1.24	2101	1.36	2181	1.49	2259	1.61	2334	1.74	2407	1.87	2477	2.01	2546	2.14		
792	1800	1953	1.24	2038	1.37	2120	1.50	2199	1.64	2275	1.77	2349	1.91	2421	2.05	2491	2.19	2559	2.34		
880	2000	1979	1.38	2062	1.52	2143	1.66	2220	1.80	2295	1.94	2368	2.09	2438	2.24	2507	2.39	2574	2.54		
968	2200	2008	1.53	2090	1.67	2169	1.82	2245	1.97	2318	2.12	2390	2.28	2460	2.43	2527	2.59	2593	2.75		
1056	2400	2040	1.69	2120	1.84	2197	2.00	2272	2.16	2345	2.32	2415	2.48	2484	2.65	2550	2.81	2616	2.98		
1144	2600	<b>2073</b>	<b>1.86</b>	<b>2152</b>	<b>2.02</b>	2229	2.19	2302	2.36	2374	2.53	2443	2.70	2511	2.87	2576	3.04	2641	3.22		
1232	2800	2109	2.05	2187	2.22	<b>2262</b>	<b>2.39</b>	<b>2335</b>	<b>2.57</b>	2405	2.75	2473	2.93	2540	3.11	2605	3.29	2668	3.48		
1320	3000	2146	2.24	2223	2.43	2297	2.61	2369	2.80	<b>2438</b>	<b>2.99</b>	<b>2506</b>	<b>3.17</b>	2571	3.36	2635	3.55	2698	3.75		
1408	3200	2184	2.45	2261	2.65	2334	2.84	2405	3.04	2473	3.24	2540	3.44	<b>2604</b>	<b>3.63</b>	<b>2668</b>	<b>3.84</b>	<b>2729</b>	<b>4.04</b>		
1496	3400	2224	2.66	2299	2.87	2372	3.08	2442	3.29	2509	3.50	2575	3.71	2639	3.92	2702	4.13	<b>2762</b>	<b>4.34</b>		
1584	3600	2265	2.89	2339	3.11	2410	3.34	2480	3.56	2547	3.78	2612	4.00	2675	4.22	2737	4.44	2797	4.67		
1672	3800	2307	3.13	2380	3.36	2450	3.60	2519	3.83	2585	4.07	2650	4.30	2712	4.54	2773	4.77	2833	5.00		
1760	4000	2350	3.38	2422	3.62	2491	3.87	2559	4.12	2624	4.37	2688	4.62	2750	4.86	2811	5.11	2870	5.36		
1848	4200	2394	3.64	2465	3.90	2534	4.16	2600	4.42	2665	4.68	2728	4.94	2789	5.20	2849	5.46	2908	5.72		
1936	4400	2439	3.93	2509	4.19	2577	4.46	2643	4.74	2707	5.01	2769	5.28	2829	5.55	2889	5.83	2947	6.10		
2024	4600	2485	4.23	2554	4.50	2621	4.78	2686	5.07	2749	5.35	2811	5.63	2870	5.92	2929	6.20	2986	6.49		
2112	4800	2531	4.55	2600	4.83	2666	5.12	2730	5.41	2793	5.71	2853	6.00	2913	6.30	2970	6.60	3027	6.89		
2200	5000	2578	4.89	2646	5.18	2712	5.48	2775	5.78	2837	6.08	2897	6.39	2956	6.70	3013	7.00	3069	7.31		
2288	5200	2625	5.24	2692	5.55	2758	5.86	2821	6.17	2882	6.48	2941	6.80	2999	7.11	3056	7.43	3111	7.75		
2376	5400	2672	5.62	2739	5.94	2804	6.26	2867	6.58	2927	6.90	2986	7.22	3044	7.55	3100	7.88	3154	8.21		
2464	5600	2721	6.02	2787	6.35	2851	6.68	2913	7.01	2973	7.34	3032	7.67	3089	8.01	3144	8.34	3198	8.68		
2552	5800	2770	6.44	2835	6.78	2898	7.12	2960	7.46	3020	7.80	3078	8.14	3134	8.49	3189	8.83	3243	9.18		
2640	6000	2819	6.88	2884	7.23	2946	7.58	3007	7.93	3067	8.29	3124	8.64	3180	8.99	3235	9.35	3288	9.71		
2728	6200	2870	7.35	2933	7.71	2995	8.07	3055	8.43	3114	8.79	3171	9.16	3227	9.52	3281	9.89	3334	10.25		
2816	6400	2921	7.84	2983	8.21	3044	8.58	3103	8.95	3161	9.32	3218	9.70	3273	10.07	3327	10.45	3380	10.82		
2904	6600	2973	8.36	3034	8.73	3094	9.11	3152	9.50	3210	9.88	3266	10.27	3321	10.65	3374	11.04	3426	11.42		
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
792	1800	2690	2.63	2815	2.93	2935	3.24	3051	3.56	3162	3.88	3270	4.21	3374	4.55	3475	4.90	3574	5.25		
880	2000	2704	2.85	2828	3.17	2947	3.49	3061	3.82	3172	4.16	3279	4.50	3382	4.85	3483	5.21	3581	5.58		
968	2200	2721	3.08	2844	3.41	2961	3.75	3074	4.10	3184	4.45	3290	4.81	3393	5.18	3492	5.55	3590	5.93		
1056	2400	2741	3.32	2862	3.67	2978	4.03	3090	4.39	3198	4.76	3303	5.14	3405	5.52	3504	5.91	3601	6.30		
1144	2600	2765	3.58	2884	3.95	2998	4.32	3109	4.70	3216	5.09	3319	5.48	3420	5.88	3518	6.28	3614	6.69		
1232	2800	2790	3.85	2908	4.24	3021	4.63	3130	5.02	3236	5.42	3338	5.83	3438	6.25	3535	6.67	3629	7.09		
1320	3000	2818	4.14	2934	4.54	3046	4.95	3154	5.36	3258	5.78	3359	6.20	3458	6.63	3553	7.07	3647	7.51		
1408	3200	2848	4.45	2963	4.86	3073	5.29	3179	5.72	3282	6.15	3383	6.59	3480	7.04	3575	7.49	3667	7.95		
1496	3400	2880	4.77	2993	5.20	3102	5.64	3207	6.09	3309	6.54	3408	7.00	3504	7.46	3598	7.93	3689	8.40		
1584	3600	<b>2913</b>	<b>5.11</b>	3025	5.56	3133	6.02	3237	6.48	3338	6.95	3435	7.42	3530	7.90	3623	8.39	3714	8.88		
1672	3800	2948	5.47	<b>3059</b>																	



# Performance Data - Type WT

IndustraCon

# 11-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
19 <sup>1</sup> / <sub>8</sub> "	5.01'	11"	.62 sq. ft.	9 <sup>7</sup> / <sub>16</sub> " x 10 <sup>9</sup> / <sub>16</sub> "	0.66 sq. ft.

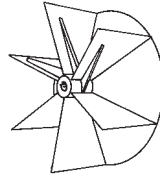
Legend:  = WT15  = WT17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
660	1000	542	0.09	719	0.17	864	0.26	988	0.35	1097	0.45	1197	0.55	1290	0.65	1376	0.76	1457	0.87
792	1200	573	0.12	<b>739</b>	<b>0.21</b>	879	0.31	1000	0.42	1109	0.52	1208	0.64	1299	0.75	1384	0.87	1465	0.99
924	1400	607	0.16	765	0.26	<b>897</b>	<b>0.37</b>	1016	0.48	1122	0.60	1220	0.73	1310	0.86	1395	0.99	1474	1.12
1056	1600	645	0.20	795	0.31	921	0.43	<b>1034</b>	<b>0.56</b>	1138	0.69	1234	0.83	1323	0.97	1407	1.11	1486	1.26
1188	1800	684	0.25	827	0.38	949	0.51	1057	0.64	<b>1157</b>	<b>0.78</b>	1251	0.93	1338	1.08	1421	1.24	1499	1.40
1320	2000	725	0.32	862	0.45	979	0.59	1084	0.74	1180	0.89	<b>1270</b>	<b>1.05</b>	1356	1.21	1437	1.38	1513	1.55
1452	2200	768	0.39	899	0.54	1012	0.69	1113	0.85	1206	1.01	1293	1.17	<b>1376</b>	<b>1.35</b>	<b>1455</b>	<b>1.53</b>	1531	1.71
1584	2400	812	0.47	938	0.64	1047	0.80	1145	0.97	1235	1.14	1320	1.32	1399	1.50	1476	1.68	<b>1550</b>	<b>1.88</b>
1716	2600	857	0.57	978	0.75	1083	0.93	1178	1.11	1267	1.29	1349	1.48	1426	1.67	1500	1.86	1571	2.06
1848	2800	903	0.68	1019	0.87	1121	1.06	1214	1.26	1300	1.45	1379	1.65	1455	1.85	1527	2.06	1596	2.26
1980	3000	950	0.80	1062	1.01	1160	1.22	1250	1.42	1334	1.63	1412	1.84	1486	2.05	1556	2.27	1623	2.49
2112	3200	997	0.94	1105	1.17	1201	1.39	1288	1.61	1369	1.83	144	2.05	1518	2.27	1587	2.50	1653	2.73
2244	3400	1045	1.10	1149	1.34	1242	1.57	1327	1.81	1406	2.04	1480	2.27	1551	2.51	1619	2.75	1684	2.99
2376	3600	1094	1.27	1194	1.53	1284	1.78	1367	2.02	1444	2.27	1517	2.52	1586	2.77	1652	3.02	1716	3.27
2508	3800	1143	1.47	1240	1.74	1327	2.00	1407	2.26	1483	2.52	1554	2.78	1621	3.04	1686	3.31	1749	3.57
2640	4000	1192	1.68	1286	1.96	1370	2.24	1449	2.52	1523	2.79	1592	3.07	1658	3.34	1722	3.61	1783	3.89
2772	4200	1242	1.91	1333	2.21	1415	2.51	1491	2.80	1563	3.08	1631	3.37	1696	3.66	1758	3.94	1818	4.23
2904	4400	1292	2.17	1380	2.48	1460	2.79	1534	3.09	1604	3.40	1671	3.70	1734	4.00	1795	4.30	1854	4.60
3036	4600	1342	2.45	1427	2.78	1505	3.10	1578	3.42	1646	3.73	1712	4.05	1774	4.36	1833	4.68	1891	4.99
3168	4800	1393	2.75	1475	3.10	1551	3.43	1622	3.76	1689	4.09	1753	4.42	1814	4.75	1872	5.08	1929	5.41
3300	5000	1444	3.08	1524	3.44	1598	3.79	1667	4.14	1732	4.48	1795	4.82	1855	5.17	1912	5.51	1968	5.85
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
924	1400	1550	1.25	1622	1.39	1691	1.53	1757	1.67	1821	1.82	1883	1.97	1943	2.12	2001	2.28	2057	2.43
1056	1600	1561	1.41	1632	1.56	1701	1.71	1767	1.86	1830	2.02	1891	2.18	1951	2.34	2008	2.50	2064	2.66
1188	1800	1573	1.56	1644	1.72	1712	1.89	1777	2.06	1840	2.23	1901	2.40	1960	2.57	2017	2.74	2073	2.92
1320	2000	1587	1.72	1657	1.90	1724	2.08	1789	2.26	1852	2.44	1912	2.63	1971	2.81	2028	3.00	2083	3.19
1452	2200	1602	1.89	1672	2.08	1738	2.27	1802	2.46	1864	2.66	1924	2.86	1983	3.06	2039	3.26	2094	3.46
1584	2400	1621	2.07	1689	2.27	1754	2.48	1817	2.68	1878	2.89	1938	3.10	1996	3.31	2052	3.52	2106	3.74
1716	2600	<b>1640</b>	<b>2.27</b>	<b>1707</b>	<b>2.48</b>	1772	2.69	1834	2.91	1894	3.13	1953	3.35	2010	3.57	2065	3.80	2119	4.02
1848	2800	1663	2.48	1728	2.70	<b>1791</b>	<b>2.92</b>	1853	3.15	1912	3.38	1970	3.61	2026	3.85	2081	4.08	2134	4.32
1980	3000	1689	2.71	1752	2.93	1813	3.17	<b>1873</b>	<b>3.40</b>	<b>1931</b>	<b>3.64</b>	1988	3.89	2044	4.14	2098	4.38	2151	4.63
2112	3200	1716	2.96	1778	3.19	1837	3.43	1896	3.68	1953	3.93	<b>2009</b>	<b>4.18</b>	<b>2063</b>	<b>4.44</b>	2116	4.70	2169	4.96
2244	3400	1746	3.23	1806	3.48	1864	3.73	1921	3.98	1977	4.23	2031	4.49	2084	4.76	<b>2137</b>	<b>5.03</b>	<b>2188</b>	<b>5.30</b>
2376	3600	1777	3.52	1836	3.78	1893	4.04	1948	4.30	2003	4.56	2056	4.83	2108	5.10	2159	5.38	2209	5.66
2508	3800	1809	3.84	1867	4.10	1923	4.37	1977	4.65	2031	4.92	2083	5.20	2133	5.48	2183	5.76	2232	6.05
2640	4000	1842	4.17	1899	4.45	1954	4.73	2008	5.01	2060	5.30	2111	5.59	2161	5.87	2210	6.17	2258	6.46
2772	4200	1876	4.53	1932	4.82	1986	5.11	2039	5.41	2091	5.70	2141	6.00	2190	6.30	2238	6.60	2285	6.91
2904	4400	1911	4.90	1966	5.21	2020	5.51	2072	5.82	2122	6.13	2172	6.44	2220	6.75	2267	7.06	2313	7.38
3036	4600	1947	5.31	2001	5.62	2054	5.94	2105	6.26	2155	6.58	2204	6.90	2251	7.22	2298	7.55	2343	7.87
3168	4800	1984	5.73	2037	6.06	2089	6.39	2139	6.72	2188	7.06	2236	7.39	2283	7.72	2329	8.06	2374	8.40
3300	5000	2021	6.19	2073	6.53	2124	6.87	2174	7.21	2222	7.56	2270	7.91	2316	8.25	2361	8.60	2406	8.95
3432	5200	2060	6.67	2111	7.02	2161	7.37	2210	7.73	2257	8.09	2304	8.45	2350	8.81	2394	9.17	2438	9.53
3564	5400	2099	7.18	2149	7.54	2198	7.91	2246	8.28	2293	8.64	2339	9.01	2384	9.39	2428	9.76	2471	10.13
3696	5600	2138	7.71	2188	8.09	2236	8.47	2283	8.85	2330	9.23	2375	9.61	2419	10.00	2463	10.38	2505	10.77
3828	5800	2179	8.28	2227	8.67	2275	9.07	2321	9.46	2367	9.85	2411	10.24	2455	10.64	2498	11.03	2540	11.43
3960	6000	2219	8.88	2267	9.28	2314	9.69	2360	10.09	2405	10.50	2448	10.91	2491	11.31	2533	11.72	2575	12.13
4092	6200	2260	9.51	2308	9.93	2354	10.35	2399	10.76	2443	11.18	2486	11.60	2529	12.02	2570	12.44	2611	12.86
4224	6400	2302	10.16	2349	10.60	2394	11.03	2439	11.47	2482	11.90	2525	12.33	2566	12.76	2607	13.19	2648	13.62
4356	6600	2344	10.86	2390	11.31	2435	11.75	2479	12.20	2522	12.65	2564	13.09	2605	13.53	2645	13.98	2685	14.42
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1188	1800	2180	3.28	2282	3.64	2380	4.02	2473	4.41	2564	4.80	2651	5.21	2736	5.62	2818	6.05	2898	6.48
1320	2000	<b>2189</b>	<b>3.57</b>	<b>2291</b>	<b>3.96</b>	<b>2388</b>	<b>4.35</b>	<b>2481</b>	<b>4.75</b>	<b>2571</b>	<b>5.17</b>	<b>2658</b>	<b>5.58</b>	<b>2742</b>	<b>6.01</b>	<b>2823</b>	<b>6.45</b>	<b>2903</b>	<b>6.90</b>
1452	2200	<b>2200</b>	<b>3.87</b>	<b>2301</b>	<b>4.28</b>	<b>2397</b>	<b>4.70</b>	<b>2490</b>	<b>5.13</b>	<b>2579</b>	<b>5.56</b>	<b>2665</b>	<b>5.99</b>	<b>2749</b>	<b>6.44</b>	<b>2830</b>	<b>6.89</b>	<b>2909</b>	<b>7.35</b>
1584	2400	2211	4.17	2312	4.62	2408	5.06	2500	5.51	2589	5.97	2674	6.43	2758	6.89	2838	7.36	2917	7.84
1716	2600	2224	4.48	2324	4.95	2419	5.43	2511	5.91	2599	6.39	2685	6.87	2767	7.36	2847	7.86	2925	8.36
1848	2800	2237	4.81	2336	5.30	2431	5.80	2523	6.30	2611	6.81	2696	7.33	2778	7.85	2858	8.37	2935	8.89
1980	3000	2252	5.14	2350	5.66	2444	6.18	2535	6.71	2623	7.24	2707	7.78	2789	8.33	2869	8.88	2946	9.43
2112	3200	2269	5.49	2366	6.03	2459	6.57	2549	7.12	2636	7.68	2720	8.25	2801	8.82	2880	9.39	2957	9.97
2244	3400	2287	5.85	2383	6.42	2475	6.98	2564	7.56	2650	8.14	2733	8.73	2814	9.32	2893	9.92	2969	10.53
2376	3600	<b>2307</b>	<b>6.23</b>	2401	6.82	2492	7.41												

# Type WT - Performance Data

IndustraCon

# 13-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
22 <sup>5</sup> / <sub>8</sub> "	5.92'	13"	.87 sq. ft.	11 <sup>1</sup> / <sub>4</sub> " x 12 <sup>7</sup> / <sub>16</sub> "	0.93 sq. ft.

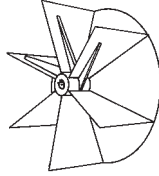
Legend:  = WT15  = WT17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
930	1000	458	0.13	608	0.24	730	0.36	835	0.49	928	0.63	1012	0.77	1090	0.91	1163	1.06	1232	1.21
1116	1200	484	0.17	<b>625</b>	<b>0.30</b>	<b>743</b>	0.43	845	0.58	937	0.73	1021	0.89	1098	1.05	1170	1.21	1238	1.38
1302	1400	513	0.22	646	0.36	<b>759</b>	<b>0.51</b>	858	0.68	948	0.85	1031	1.02	1108	1.20	1179	1.38	1246	1.57
1488	1600	545	0.28	672	0.44	778	0.60	<b>874</b>	<b>0.78</b>	<b>962</b>	<b>0.97</b>	1043	1.16	1118	1.35	1189	1.56	1256	1.76
1674	1800	578	0.35	699	0.53	802	0.71	893	0.90	<b>978</b>	<b>1.10</b>	1057	1.31	1131	1.52	1201	1.74	1267	1.96
1860	2000	613	0.44	729	0.63	828	0.83	916	1.03	997	1.24	<b>1074</b>	<b>1.47</b>	1146	1.69	1214	1.93	1279	2.17
2046	2200	649	0.54	760	0.75	856	0.97	941	1.19	1020	1.41	1093	1.64	<b>1163</b>	<b>1.88</b>	<b>1230</b>	<b>2.14</b>	1294	2.39
2232	2400	686	0.66	793	0.89	885	1.12	968	1.36	1044	1.60	1115	1.84	1183	2.10	1248	2.36	<b>1310</b>	<b>2.63</b>
2418	2600	724	0.80	827	1.05	916	1.30	996	1.55	1071	1.81	1140	2.07	1205	2.33	1268	2.60	1328	2.88
2604	2800	763	0.95	862	1.22	948	1.49	1026	1.76	1098	2.04	1166	2.31	1230	2.59	1291	2.88	1349	3.17
2790	3000	803	1.12	897	1.42	981	1.70	1057	1.99	1127	2.28	1194	2.58	1256	2.88	1315	3.18	1372	3.48
2976	3200	843	1.32	934	1.63	1015	1.94	1089	2.25	1157	2.56	1222	2.87	1283	3.18	1341	3.50	1397	3.82
3162	3400	884	1.54	971	1.87	1050	2.20	1122	2.53	1188	2.85	1251	3.18	1311	3.52	1368	3.85	1423	4.18
3348	3600	924	1.78	1009	2.14	1085	2.49	1155	2.83	1220	3.18	1282	3.52	1341	3.87	1397	4.22	1450	4.58
3534	3800	966	2.05	1048	2.43	1121	2.80	1190	3.16	1253	3.53	1313	3.89	1371	4.26	1426	4.63	1478	5.00
3720	4000	1008	2.35	1087	2.75	1158	3.14	1225	3.52	1287	3.91	1346	4.29	1402	4.67	1455	5.06	1507	5.45
2906	4200	1050	2.68	1126	3.10	1196	3.51	1260	3.91	1321	4.32	1379	4.72	1434	5.12	1486	5.52	1537	5.93
4092	4400	1092	3.04	1166	3.48	1234	3.91	1297	4.33	1356	4.76	1413	5.18	1466	5.60	1518	6.02	1567	6.44
4278	4600	1134	3.43	1207	3.89	1272	4.34	1334	4.78	1392	5.23	1447	5.67	1499	6.11	1550	6.55	1599	6.98
4464	4800	1177	3.85	1247	4.33	1311	4.80	1371	5.27	1428	5.73	1482	6.19	1533	6.65	1583	7.11	1631	7.57
4650	5000	1220	4.31	1288	4.81	1351	5.31	1409	5.79	1464	6.27	1517	6.75	1568	7.23	1616	7.71	1663	8.18
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
1302	1400	1310	1.76	1371	1.95	1429	2.14	1485	2.34	1540	2.55	1592	2.75	1642	2.97	1691	3.18	1739	3.41
1488	1600	1319	1.97	1380	2.18	1438	2.39	1493	2.61	1547	2.82	1599	3.04	1649	3.27	1698	3.50	1745	3.73
1674	1800	1330	2.18	1390	2.41	1447	2.65	1502	2.88	1556	3.12	1607	3.36	1657	3.60	1705	3.84	1752	4.09
1860	2000	1341	2.41	1401	2.66	1458	2.91	1512	3.16	1565	3.42	1616	3.67	1666	3.94	1714	4.20	1761	4.46
2046	2200	1355	2.65	1413	2.91	1469	3.18	1523	3.45	1576	3.72	1627	4.00	1676	4.28	1724	4.56	1770	4.84
2232	2400	1370	2.90	1427	3.18	1483	3.46	1536	3.75	1588	4.04	1638	4.33	1687	4.63	1734	4.93	1780	5.23
2418	2600	<b>1387</b>	<b>3.17</b>	<b>1443</b>	<b>3.47</b>	1498	3.77	1550	4.07	1601	4.38	1651	4.68	1699	5.00	1746	5.31	1792	5.63
2604	2800	1406	3.47	1461	3.77	<b>1514</b>	<b>4.09</b>	1566	4.41	1616	4.73	1665	5.06	1713	5.38	1759	5.71	1804	6.05
2790	3000	1427	3.79	1481	4.11	1533	4.43	<b>1583</b>	<b>4.76</b>	<b>1633</b>	<b>5.10</b>	1681	5.44	1728	5.79	1773	6.14	1818	6.49
2976	3200	1451	4.14	1503	4.47	1553	4.81	1602	5.15	1651	5.49	<b>1698</b>	<b>5.85</b>	<b>1744</b>	<b>6.21</b>	1789	6.57	<b>1833</b>	<b>6.94</b>
3162	3400	1476	4.52	1527	4.87	1576	5.21	1624	5.56	1671	5.92	1717	6.29	1762	6.66	<b>1806</b>	<b>7.04</b>	<b>1849</b>	<b>7.42</b>
3348	3600	1502	4.93	1552	5.29	1600	5.65	1647	6.02	1693	6.39	1738	6.76	1782	7.14	1825	7.53	1867	7.92
3534	3800	1529	5.37	1578	5.74	1625	6.12	1672	6.50	1716	6.88	1760	7.27	1803	7.66	1845	8.06	1887	8.46
3720	4000	1557	5.84	1605	6.23	1652	6.62	1697	7.02	1741	7.42	1784	7.82	1827	8.22	1868	8.63	1908	9.04
3906	4200	1586	6.33	1633	6.74	1679	7.15	1724	7.57	1767	7.98	1810	8.40	1851	8.82	1892	9.24	1931	9.66
4092	4400	1615	6.86	1662	7.29	1707	7.72	1751	8.15	1794	8.58	1836	9.01	1876	9.44	1916	9.88	1955	10.32
4278	4600	1646	7.42	1691	7.87	1736	8.31	1779	8.76	1822	9.21	1863	9.66	1903	10.11	1942	10.56	1981	11.02
4464	4800	1677	8.02	1722	8.48	1765	8.95	1808	9.41	1850	9.88	1890	10.34	1930	10.81	1969	11.28	2007	11.75
4650	5000	1709	8.66	1753	9.14	1796	9.61	1838	10.09	1879	10.58	1919	11.06	1958	11.55	1996	12.03	2033	12.52
4836	5200	1741	9.33	1784	9.83	1827	10.32	1868	10.82	1908	11.32	1948	11.82	1986	12.32	2024	12.83	2061	13.33
5022	5400	1774	10.04	1817	10.56	1858	11.07	1899	11.58	1938	12.10	1977	12.62	2015	13.14	2053	13.66	2089	14.18
5208	5600	1808	10.80	1849	11.33	1890	11.86	1930	12.39	1969	12.92	2007	13.45	2045	13.99	2082	14.53	2118	15.07
5394	5800	1842	11.59	1883	12.14	1923	12.69	1962	13.24	2001	13.79	2038	14.34	2075	14.89	2111	15.44	2147	16.00
5580	6000	1876	12.42	1917	12.99	1956	13.56	1995	14.13	2033	14.69	2070	15.26	2106	15.83	2142	16.40	2177	16.97
5766	6200	1911	13.30	1951	13.89	1990	14.48	2028	15.06	2065	15.65	2102	16.23	2137	16.82	2172	17.41	2207	18.00
5952	6400	1946	14.23	1985	14.84	2024	15.44	2061	16.05	2098	16.65	2134	17.25	2169	17.86	2204	18.46	2238	19.07
6138	6600	1981	15.20	2020	15.82	2058	16.45	2095	17.08	2132	17.70	2167	18.32	2202	18.94	2236	19.56	2269	20.18
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
1674	1800	1843	4.59	1929	5.10	2012	5.63	2091	6.17	2167	6.72	2241	7.29	2313	7.87	2382	8.47	2450	9.07
1860	2000	1851	4.99	1936	5.54	2018	6.09	2097	6.65	2173	7.23	2246	7.82	2318	8.42	2387	9.03	2454	9.66
2046	2200	1860	5.42	1945	5.99	2026	6.58	2105	7.17	2180	7.78	2253	8.39	2324	9.01	2392	9.64	2459	10.29
2232	2400	1869	5.84	1954	6.46	2035	7.09	2113	7.72	2188	8.35	2261	8.99	2331	9.65	2399	10.31	2465	10.97
2418	2600	1880	6.28	1964	6.93	2045	7.60	2122	8.27	2197	8.94	2269	9.62	2339	10.31	2407	11.00	2473	11.70
2604	2800	1891	6.73	1975	7.41	2055	8.11	2132	8.82	2207	9.53	2279	10.26	2348	10.98	2416	11.71	2481	12.44
2790	3000	1904	7.19	1987	7.91	2066	8.65	2143	9.39	2217	10.14	2288	10.89	2358	11.66	2425	12.43	2490	13.20
2976	3200	1918	7.68	2000	8.44	2078													

# Performance Data - Type WT

IndustraCon

## 15-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
26 <sup>1</sup> / <sub>8</sub> "	6.84'	15"	1.13 sq. ft.	12 <sup>15</sup> / <sub>16</sub> " x 14 <sup>5</sup> / <sub>16</sub> "	1.24 sq. ft.

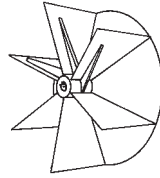
Legend:  = WT15     = WT17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1240	1000	397	0.17	527	0.32	632	0.49	723	0.66	803	0.84	877	1.02	944	1.21	1007	1.41	1068	1.62
1488	1200	420	0.23	<b>541</b>	<b>0.39</b>	643	0.58	732	0.77	812	0.98	884	1.19	951	1.40	1013	1.62	1072	1.84
1736	1400	445	0.29	560	0.48	<b>657</b>	<b>0.68</b>	743	0.90	821	1.13	893	1.36	959	1.60	1021	1.84	1079	2.09
1984	1600	472	0.38	582	0.59	674	0.80	<b>757</b>	<b>1.04</b>	833	1.29	903	1.54	969	1.81	1030	2.07	1088	2.35
2232	1800	501	0.47	606	0.71	694	0.95	774	1.20	<b>847</b>	<b>1.46</b>	916	1.74	980	2.02	1040	2.31	1097	2.61
2480	2000	531	0.59	631	0.85	717	1.11	793	1.38	864	1.66	<b>930</b>	<b>1.95</b>	993	2.26	1052	2.57	1108	2.89
2728	2200	562	0.72	658	1.01	741	1.29	815	1.58	883	1.88	947	2.19	<b>1007</b>	<b>2.51</b>	<b>1065</b>	<b>2.85</b>	1120	3.19
2976	2400	594	0.88	687	1.19	766	1.50	838	1.81	904	2.13	966	2.46	1024	2.79	1081	3.14	<b>1135</b>	<b>3.50</b>
3224	2600	627	1.06	716	1.40	793	1.73	863	2.07	927	2.41	987	2.76	1044	3.11	1098	3.47	1150	3.85
3472	2800	661	1.27	746	1.63	821	1.99	889	2.35	951	2.71	1010	3.08	1065	3.46	1118	3.84	1168	4.22
3720	3000	695	1.50	777	1.89	850	2.27	915	2.66	976	3.05	1034	3.44	1088	3.83	1139	4.23	1188	4.64
3968	3200	730	1.76	809	2.18	879	2.59	943	3.00	1002	3.41	1058	3.83	1111	4.24	1162	4.67	1210	5.09
4216	3400	765	2.05	841	2.50	909	2.94	971	3.37	1029	3.81	1084	4.24	1136	4.69	1185	5.13	1232	5.58
4464	3600	801	2.38	874	2.85	940	3.32	1001	3.78	1057	4.24	1110	4.70	1161	5.16	1209	5.63	1256	6.10
4712	3800	836	2.74	907	3.24	971	3.73	1030	4.22	1085	4.70	1137	5.19	1187	5.68	1235	6.17	1280	6.66
4960	4000	873	3.14	941	3.67	1003	4.18	1061	4.70	1115	5.21	1165	5.72	1214	6.23	1260	6.74	1305	7.26
5208	4200	909	3.57	976	4.13	1036	4.68	1092	5.22	1144	5.75	1194	6.29	1241	6.82	1287	7.36	1331	7.90
5456	4400	946	4.05	1010	4.64	1069	5.21	1123	5.77	1174	6.34	1223	6.90	1270	7.46	1314	8.02	1357	8.58
5704	4600	982	4.57	1045	5.18	1102	5.79	1155	6.38	1205	6.97	1253	7.56	1299	8.14	1342	8.73	1384	9.36
5952	4800	1020	5.13	1080	5.78	1136	6.41	1187	7.03	1236	7.64	1283	8.26	1328	8.87	1371	9.48	1412	10.09
6200	5000	1057	5.74	1116	6.42	1170	7.07	1220	7.72	1268	8.36	1314	9.00	1358	9.64	1400	10.28	1440	10.91
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
1736	1400	1135	2.34	1187	2.60	1238	2.86	1286	3.12	1333	3.40	1378	3.67	1422	3.96	1465	4.25	1506	4.54
1984	1600	1143	2.62	1195	2.90	1245	3.19	1293	3.47	1340	3.76	1384	4.06	1428	4.36	1470	4.66	1511	4.97
2232	1800	1152	2.91	1204	3.22	1253	3.53	1301	3.84	1347	4.16	1392	4.47	1435	4.80	1477	5.12	1517	5.45
2480	2000	1162	3.21	1213	3.54	1262	3.88	1310	4.21	1356	4.55	1400	4.90	1443	5.25	1484	5.60	1525	5.95
2728	2200	1173	3.53	1224	3.88	1272	4.24	1319	4.60	1365	4.96	1409	5.33	1451	5.70	1493	6.08	1533	6.46
2976	2400	1186	3.87	1236	4.24	1284	4.62	1330	5.00	1375	5.39	1419	5.78	1461	6.17	1502	6.57	1542	6.97
3224	2600	<b>1201</b>	<b>4.23</b>	<b>1250</b>	<b>4.62</b>	1297	5.02	1343	5.43	1387	5.83	1430	6.25	1471	6.66	1512	7.08	1552	7.51
3472	2800	1217	4.62	1265	5.03	<b>1311</b>	<b>5.45</b>	1356	5.87	1400	6.31	1442	6.74	1483	7.18	1523	7.62	1562	8.06
3720	3000	1236	5.05	1282	5.47	1327	5.91	<b>1371</b>	<b>6.35</b>	<b>1414</b>	<b>6.80</b>	1456	7.26	1496	7.72	1536	8.18	1574	8.65
3968	3200	1256	5.52	1301	5.96	1345	6.41	1388	6.86	1430	7.33	<b>1470</b>	<b>7.80</b>	<b>1510</b>	<b>8.28</b>	1549	8.77	1588	9.26
4216	3400	1278	6.03	1322	6.49	1365	6.95	1406	7.42	1447	7.90	1487	8.38	1526	8.88	<b>1564</b>	<b>9.38</b>	<b>1602</b>	<b>9.89</b>
4464	3600	1301	6.58	1344	7.05	1386	7.54	1426	8.02	1466	8.52	1505	9.01	1543	9.52	1580	10.04	1617	10.56
4712	3800	1324	7.16	1367	7.66	1408	8.16	1448	8.67	1487	9.18	1525	9.70	1562	10.22	1598	10.75	1634	11.28
4960	4000	1348	7.78	1390	8.30	1431	8.83	1470	9.36	1508	9.89	1545	10.42	1582	10.96	1618	11.51	1653	12.06
5208	4200	1373	8.45	1414	8.99	1454	9.54	1493	10.09	1530	10.64	1567	11.19	1603	11.75	1638	12.32	1673	12.89
5456	4400	1399	9.15	1439	9.72	1479	10.29	1517	10.86	1554	11.44	1590	12.01	1625	12.59	1660	13.18	1694	13.76
5704	4600	1425	9.90	1465	10.49	1503	11.09	1541	11.68	1578	12.28	1613	12.88	1648	13.48	1682	14.08	1715	14.69
5952	4800	1452	10.70	1491	11.31	1529	11.93	1566	12.55	1602	13.17	1637	13.79	1671	14.41	1705	15.04	1738	15.67
6200	5000	1480	11.54	1518	12.18	1555	12.82	1591	13.46	1627	14.10	1662	14.75	1695	15.40	1729	16.05	1761	16.69
6443	5200	1508	12.44	1545	13.10	1582	13.76	1618	14.42	1652	15.09	1687	15.76	1720	16.43	1753	17.10	1785	17.78
6696	5400	1536	13.39	1573	14.07	1609	14.76	1644	15.44	1679	16.13	1712	16.82	1745	17.52	1778	18.21	1809	18.91
6944	5600	1565	14.39	1602	15.10	1637	15.81	1672	16.52	1705	17.23	1738	17.94	1771	18.65	1803	19.37	1834	20.09
7192	5800	1595	15.45	1631	16.18	1665	16.92	1699	17.65	1733	18.38	1765	19.11	1797	19.85	1828	20.59	1859	21.33
7440	6000	1625	16.57	1660	17.32	1694	18.08	1728	18.84	1760	19.59	1792	20.35	1824	21.11	1855	21.87	1885	22.63
7688	6200	1655	17.74	1689	18.52	1723	19.30	1756	20.09	1789	20.87	1820	21.65	1851	22.43	1881	23.21	1911	23.99
7936	6400	1685	18.97	1719	19.78	1753	20.59	1785	21.39	1817	22.20	1848	23.00	1879	23.81	1909	24.61	1938	25.42
8184	6600	1716	20.26	1750	21.10	1783	21.93	1815	22.77	1846	23.60	1877	24.43	1907	25.25	1936	26.08	1965	26.91
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
2232	1800	1596	6.11	1671	6.80	1742	7.50	1811	8.22	1877	8.96	1941	9.72	2003	10.50	2063	11.29	2121	12.09
2480	2000	1603	6.66	1677	7.38	1748	8.12	1816	8.87	1882	9.64	1946	10.42	2007	11.22	2067	12.04	2125	12.87
2728	2200	1610	7.22	1684	7.99	1755	8.77	1823	9.56	1888	10.37	1951	11.18	2012	12.01	2072	12.86	2129	13.72
2976	2400	1619	7.79	1692	8.62	1763	9.45	1830	10.29	1895	11.14	1958	11.99	2019	12.86	2078	13.74	2135	14.63
3224	2600	1628	8.37	1701	9.24	1771	10.13	1838	11.02	1903	11.92	1965	12.83	2026	13.74	2084	14.66	2142	15.59
3472	2800	1638	8.97	1710	9.89	1780	10.82	1847	11.76	1911	12.71	1973	13.67	2034	14.64	2092	15.61	2149	16.59
3720	3000	1649	9.59	1721	10.55	1789	11.53	1856	12.52	1920	13.51	1982	14.52	2042	15.54	2100	16.57	2157	17.60
3968	3200	1661																	

# Type WT - Performance Data

IndustraCon

# 17-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
29 <sup>5</sup> / <sub>8</sub> "	7.76'	17"	1.51 sq. ft.	14 <sup>5</sup> / <sub>8</sub> " x 16 <sup>3</sup> / <sub>8</sub> "	0.14 sq. ft.

Legend:  = WT15  = WT17

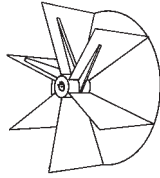
CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1590	1000	350	0.22	464	0.41	558	0.62	638	0.85	708	1.08	773	1.31	833	1.56	888	1.81	941	2.08
1908	1200	370	0.29	<b>477</b>	<b>0.51</b>	567	0.75	646	1.00	716	1.26	780	1.53	839	1.80	894	2.08	946	2.37
2226	1400	392	0.38	494	0.62	<b>579</b>	<b>0.88</b>	656	1.16	724	1.45	787	1.75	846	2.06	900	2.37	952	2.69
2544	1600	416	0.48	513	0.75	594	1.03	<b>668</b>	<b>1.34</b>	735	1.66	797	1.98	854	2.32	908	2.67	959	3.02
2862	1800	442	0.61	534	0.91	612	1.22	682	1.54	<b>747</b>	<b>1.88</b>	808	2.24	864	2.60	917	2.98	967	3.36
3180	2000	468	0.76	557	1.09	632	1.43	700	1.77	762	2.13	<b>820</b>	<b>2.51</b>	875	2.91	928	3.31	977	3.72
3498	2200	496	0.93	581	1.29	654	1.66	719	2.04	779	2.42	835	2.82	<b>888</b>	<b>3.23</b>	<b>939</b>	<b>3.66</b>	988	4.10
3816	2400	524	1.13	606	1.53	676	1.93	739	2.33	798	2.74	852	3.16	903	3.59	953	4.04	<b>1000</b>	<b>4.50</b>
4134	2600	553	1.36	631	1.80	699	2.22	761	2.66	818	3.10	871	3.54	921	4.00	968	4.46	1014	4.94
4452	2800	583	1.63	658	2.09	724	2.56	784	3.02	839	3.49	891	3.96	939	4.44	986	4.93	1030	5.43
4770	3000	613	1.93	685	2.43	749	2.92	807	3.42	861	3.92	912	4.42	959	4.93	1005	5.44	1048	5.97
5088	3200	644	2.26	713	2.80	775	3.33	831	3.86	884	4.38	933	4.92	980	5.46	1024	6.00	1067	6.55
5406	3400	675	2.64	742	3.21	802	3.77	857	4.33	908	4.89	956	5.46	1002	6.03	1045	6.60	1087	7.17
5724	3600	706	3.06	771	3.67	829	4.26	882	4.86	932	5.45	979	6.04	1024	6.64	1067	7.24	1108	7.85
6042	3800	738	3.52	800	4.17	856	4.80	909	5.43	957	6.05	1003	6.67	1047	7.30	1089	7.93	1129	8.57
6360	4000	769	4.03	830	4.71	885	5.38	935	6.04	983	6.70	1028	7.36	1070	8.01	1111	8.67	1151	9.34
6678	4200	802	4.59	860	5.31	913	6.01	963	6.71	1009	7.40	1053	8.09	1095	8.78	1135	9.47	1174	10.16
6996	4400	834	5.21	891	5.96	942	6.70	990	7.43	1036	8.15	1079	8.88	1120	9.59	1159	10.31	1197	11.04
7314	4600	866	5.87	922	6.67	972	7.44	1018	8.20	1063	8.96	1105	9.72	1145	10.47	1184	11.22	1221	11.97
7632	4800	899	6.60	953	7.43	1001	8.24	1047	9.03	1090	9.83	1132	10.62	1171	11.40	1209	12.19	1245	12.97
7950	5000	932	7.38	984	8.25	1031	9.10	1076	9.93	1118	10.75	1158	11.58	1197	12.40	1234	13.21	1270	14.03
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2226	1400	1001	3.01	1047	3.34	1092	3.67	1134	4.02	1176	4.37	1216	4.72	1254	5.09	1292	5.46	1328	5.84
2544	1600	1008	3.37	1054	3.74	1098	4.10	1140	4.47	1181	4.84	1221	5.22	1259	5.61	1296	6.00	1333	6.39
2862	1800	1015	3.74	1061	4.14	1105	4.54	1147	4.94	1188	5.35	1227	5.75	1265	6.17	1302	6.58	1338	7.00
3180	2000	1024	4.13	1070	4.55	1113	4.98	1155	5.42	1195	5.86	1235	6.30	1272	6.75	1309	7.20	1345	7.65
3498	2200	1035	4.54	1079	4.99	1122	5.45	1163	5.91	1204	6.38	1242	6.86	1280	7.33	1316	7.82	1352	8.30
3816	2400	1046	4.98	1090	5.46	1132	5.94	1173	6.43	1213	6.93	1251	7.43	1288	7.94	1324	8.45	1360	8.97
4134	2600	<b>1059</b>	<b>5.44</b>	<b>1102</b>	<b>5.95</b>	1144	6.46	1184	6.98	1223	7.50	1261	8.03	1297	8.57	1333	9.11	1368	9.65
4452	2800	1074	5.94	1116	6.47	<b>1156</b>	<b>7.01</b>	1196	7.55	1234	8.11	1272	8.67	1308	9.23	1343	9.80	1378	10.37
4770	3000	1090	6.50	1131	7.04	1170	7.60	<b>1209</b>	<b>8.16</b>	<b>1247</b>	<b>8.74</b>	1284	9.33	1319	9.92	1354	10.52	1388	11.12
5088	3200	1108	7.10	1148	7.67	1186	8.24	1224	8.82	1261	9.42	<b>1297</b>	<b>10.03</b>	<b>1332</b>	<b>10.65</b>	1366	11.27	1400	11.90
5406	3400	1127	7.76	1166	8.34	1204	8.94	1240	9.54	1276	10.15	1311	10.78	1346	11.42	<b>1379</b>	<b>12.06</b>	<b>1412</b>	<b>12.72</b>
5724	3600	1147	8.46	1185	9.07	1222	9.69	1258	10.32	1293	10.95	1327	11.59	1361	12.24	1394	12.91	1426	13.58
6042	3800	1168	9.21	1205	9.85	1241	10.49	1277	11.15	1311	11.80	1344	12.47	1377	13.14	1409	13.82	1441	14.51
6360	4000	1189	10.01	1226	10.68	1262	11.35	1296	12.03	1330	12.71	1363	13.40	1395	14.10	1427	14.80	1457	15.51
6678	4200	1211	10.86	1247	11.56	1282	12.27	1316	12.97	1350	13.68	1382	14.39	1414	15.11	1445	15.84	1475	16.57
6996	4400	1234	11.77	1269	12.50	1304	13.23	1337	13.97	1370	14.71	1402	15.45	1433	16.19	1464	16.94	1493	17.70
7314	4600	1257	12.73	1292	13.49	1326	14.26	1359	15.02	1391	15.79	1423	16.56	1453	17.33	1483	18.11	1513	18.89
7632	4800	1281	13.76	1315	14.54	1348	15.34	1381	16.13	1413	16.93	1444	17.73	1474	18.53	1504	19.34	1533	20.15
7950	5000	1305	14.84	1339	15.66	1371	16.48	1403	17.31	1435	18.14	1465	18.97	1495	19.80	1524	20.63	1553	21.47
8268	5200	1330	16.00	1363	16.85	1395	17.70	1426	18.55	1457	19.40	1487	20.27	1517	21.13	1546	21.99	1574	22.86
8586	5400	1355	17.22	1387	18.10	1419	19.78	1450	19.86	1480	20.74	1510	21.63	1539	22.52	1568	23.42	1595	24.31
8904	5600	1380	18.51	1412	19.42	1444	20.33	1474	21.24	1504	22.15	1533	23.07	1562	23.99	1590	24.91	1617	25.84
9222	5800	1406	19.87	1438	20.81	1469	21.75	1499	22.69	1528	23.64	1557	24.58	1585	25.53	1612	26.48	1640	27.43
9540	6000	1433	21.30	1464	22.28	1494	23.25	1524	24.22	1552	25.19	1581	26.17	1608	27.14	1636	28.12	1662	29.10
9858	6200	1459	22.81	1490	23.82	1520	24.82	1549	25.83	1577	26.83	1605	27.83	1632	28.84	1659	29.84	1686	30.85
10176	6400	1486	24.39	1516	25.43	1546	26.47	1574	27.51	1602	28.55	1630	29.58	1657	30.61	1683	31.65	1709	32.69
10494	6600	1513	26.05	1543	27.13	1572	28.21	1600	29.28	1628	30.34	1655	31.41	1682	32.47	1708	33.54	1733	34.60
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2862	1800	1407	7.86	1473	8.74	1536	9.65	1597	10.57	1655	11.52	1712	12.50	1766	13.50	1819	14.51	1871	15.55
3180	2000	1413	8.56	1479	9.49	1541	10.44	1602	11.41	1660	12.39	1716	13.40	1770	14.43	1823	15.48	1874	16.55
3498	2200	1420	9.29	1485	10.28	1547	11.28	1607	12.30	1665	13.33	1721	14.38	1775	15.45	1827	16.54	1878	17.64
3816	2400	1428	10.02	1492	11.08	1554	12.15	1614	13.23	1671	14.32	1727	15.42	1780	16.54	1832	17.67	1883	18.81
4134	2600	1436	10.76	1500	11.88	1562	13.02	1621	14.17	1678	15.33	1733	16.50	1786	17.67	1838	18.86	1889	20.05
4452	2800	1444	11.53	1508	12.71	1570	13.91	1628	15.12	1685	16.35	1740	17.58	1793	18.83	1845	20.07	1895	21.33
4770	3000	1454	12.33	1517	13.57	1578	14.82	1637	16.09	1693	17.38	1748	18.68	1801	19.98	1852	21.31	1902	22.63
5088	3200	1465	13.18	1527	14.46	1587	15.77	1645	17.10	1701	18.44	1756	19.79	1808	21.16	1860	22.54	1909	23.93
5406	3400	1477	14.05	1538	15.40	1598	16.76	1655	18.13	1710	19.53	1764	20.94	1817	22.37	1867	23.81	1917	25.26
5724	3600	<b>1489</b>	<b>14.96</b>	1550	16.36	1609	17.78	1666	19.22	1720	20.66	1774	22.13						



# Performance Data - Type WT

IndustraCon

# 19-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
33"	2.29"	19"	1.87 sq. ft.	16 <sup>1</sup> / <sub>4</sub> " x 18 <sup>3</sup> / <sub>16</sub> "	1.97 sq. ft.

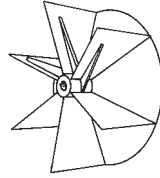
Legend:  = WT15  = WT17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1970	1000	314	0.28	417	0.51	501	0.78	572	1.05	636	1.33	694	1.63	747	1.93	797	2.25	844	2.58
2364	1200	332	0.36	<b>428</b>	<b>0.63</b>	509	0.92	580	1.24	643	1.56	700	1.89	753	2.23	802	2.58	849	2.94
2758	1400	352	0.47	443	0.77	<b>520</b>	<b>1.09</b>	589	1.44	650	1.80	707	2.17	759	2.55	808	2.94	855	3.34
3152	1600	374	0.60	461	0.93	534	1.28	<b>599</b>	<b>1.66</b>	660	2.06	715	2.46	767	2.88	815	3.31	861	3.74
3546	1800	396	0.75	480	1.13	550	1.51	612	1.91	<b>671</b>	<b>2.33</b>	725	2.78	776	3.23	823	3.69	869	4.17
3940	2000	420	0.94	500	1.35	568	1.77	628	2.20	684	2.65	<b>736</b>	<b>3.12</b>	786	3.61	833	4.10	877	4.61
4334	2200	445	1.15	521	1.61	587	2.06	645	2.53	699	3.00	749	3.50	<b>798</b>	<b>4.01</b>	<b>843</b>	<b>4.54</b>	887	5.09
4728	2400	470	1.40	544	1.90	607	2.39	664	2.89	716	3.40	765	3.92	811	4.46	855	5.01	<b>898</b>	<b>5.59</b>
5122	2600	497	1.69	567	2.23	628	2.76	683	3.30	734	3.84	782	4.40	826	4.96	869	5.54	911	6.14
5516	2800	523	2.02	591	2.60	650	3.17	703	3.75	753	4.33	799	4.92	843	5.51	885	6.12	925	6.74
5910	3000	550	2.39	615	3.01	673	3.63	725	4.24	773	4.86	818	5.49	861	6.12	902	6.76	941	7.40
6304	3200	578	2.81	640	3.47	696	4.13	746	4.78	793	5.44	838	6.10	880	6.77	920	7.44	958	8.12
6698	3400	606	3.28	666	3.98	720	4.68	769	5.38	815	6.07	858	6.77	899	7.48	938	8.19	976	8.90
7092	3600	634	3.80	692	4.55	744	5.29	792	6.03	837	6.76	879	7.50	919	8.24	958	8.99	994	9.74
7486	3800	662	4.37	718	5.17	769	5.95	816	6.73	859	7.51	900	8.28	940	9.06	977	9.84	1014	10.63
7880	4000	691	5.00	745	5.85	794	6.68	840	7.50	882	8.31	923	9.13	961	9.94	998	10.76	1033	11.59
8274	4200	720	5.70	772	6.59	820	7.46	864	8.32	906	9.18	945	10.04	983	10.89	1019	11.75	1054	12.61
8668	4400	749	6.46	800	7.40	846	8.31	889	9.21	930	10.12	968	11.01	1005	11.91	1040	12.80	1074	13.70
9062	4600	778	7.29	827	8.27	872	9.23	914	10.18	954	11.12	992	12.06	1028	12.99	1063	13.92	1096	14.86
9456	4800	807	8.19	855	9.22	899	10.22	940	11.21	979	12.19	1016	13.17	1051	14.15	1085	15.12	1118	16.09
9850	5000	837	9.16	883	10.24	926	11.29	966	12.32	1004	13.34	1040	14.36	1075	15.38	1108	16.40	1140	17.41
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2758	1400	898	3.74	940	4.14	980	4.56	1018	4.98	1056	5.42	1091	5.86	1126	6.31	1160	6.77	1192	7.25
3152	1600	905	4.19	946	4.63	986	5.09	1024	5.54	1061	6.01	1096	6.48	1130	6.96	1164	7.44	1196	7.93
3546	1800	912	4.65	953	5.13	992	5.63	1030	6.13	1067	6.63	1102	7.14	1136	7.65	1169	8.17	1201	8.69
3940	2000	920	5.13	960	5.65	999	6.18	1037	6.72	1073	7.27	1108	7.82	1142	8.37	1175	8.93	1207	9.49
4334	2200	929	5.64	969	6.19	1007	6.76	1045	7.34	1080	7.92	1115	8.51	1149	9.10	1182	9.70	1214	10.30
4728	2400	939	6.18	979	6.77	1016	7.37	1053	7.98	1089	8.60	1123	9.22	1156	9.85	1189	10.49	1221	11.13
5122	2600	<b>951</b>	<b>6.75</b>	<b>989</b>	<b>7.38</b>	1027	8.02	1063	8.66	1098	9.31	1132	9.97	1165	10.63	1197	11.30	1228	11.98
5516	2800	964	7.37	1001	8.03	<b>1038</b>	<b>8.69</b>	<b>1074</b>	<b>9.37</b>	<b>1108</b>	10.06	1142	10.75	1174	11.45	1206	12.16	1237	12.87
5910	3000	979	8.06	1015	8.73	1051	9.42	<b>1085</b>	<b>10.13</b>	<b>1119</b>	<b>10.85</b>	1152	11.58	1185	12.31	1216	13.05	1246	13.80
6304	3200	995	8.81	1030	9.51	1065	10.22	1099	10.95	1132	11.69	<b>1164</b>	<b>12.44</b>	<b>1196</b>	<b>13.21</b>	<b>1227</b>	<b>13.99</b>	<b>1257</b>	<b>14.77</b>
6698	3400	1012	9.62	1047	10.35	1080	11.09	1110	11.84	1145	12.60	1177	13.37	1208	14.16	<b>1238</b>	<b>14.97</b>	<b>1268</b>	<b>15.78</b>
7092	3600	1030	10.49	1064	11.25	1097	12.02	1129	12.80	1161	13.59	1191	14.38	1221	15.19	1251	16.02	1280	16.85
7486	3800	1048	11.42	1082	12.22	1114	13.02	1146	13.83	1177	14.65	1207	15.47	1236	16.30	1265	17.15	1294	18.00
7880	4000	1068	12.42	1101	13.25	1132	14.09	1164	14.93	1194	15.77	1223	16.63	1252	17.49	1281	18.36	1308	19.24
8274	4200	1087	13.48	1120	14.35	1151	15.22	1182	16.09	1212	16.98	1241	17.86	1269	18.75	1297	19.65	1324	20.56
8668	4400	1107	14.60	1139	15.51	1171	16.42	1201	17.33	1230	18.25	1259	19.17	1286	20.09	1314	21.02	1341	21.96
9062	4600	1128	15.80	1160	16.74	1190	17.69	1220	18.64	1249	19.59	1277	20.55	1305	21.51	1332	22.47	1358	23.44
9456	4800	1150	17.07	1180	18.05	1210	19.03	1240	20.02	1268	21.01	1296	22.00	1323	23.00	1350	24.00	1376	25.00
9850	5000	1171	18.42	1202	19.43	1231	20.45	1260	21.48	1288	22.51	1315	23.54	1342	24.57	1368	25.60	1394	26.64
10244	5200	1194	19.85	1223	20.90	1252	21.96	1281	23.02	1308	24.08	1335	25.15	1362	26.22	1388	27.29	1413	28.36
10638	5400	1216	21.37	1246	22.46	1274	23.55	1302	24.64	1329	25.74	1356	26.84	1382	27.95	1407	29.06	1432	30.17
11032	5600	1239	22.97	1268	24.10	1296	25.22	1323	26.35	1350	27.49	1376	28.62	1402	29.76	1427	30.91	1452	32.06
11426	5800	1263	24.65	1291	25.82	1318	26.99	1345	28.16	1372	29.33	1397	30.50	1423	31.67	1447	32.85	1472	34.04
11820	6000	1286	26.43	1314	27.64	1341	28.85	1368	30.06	1394	31.26	1419	32.47	1444	33.68	1468	34.89	1492	36.11
12214	6200	1310	28.30	1338	29.55	1364	30.80	1390	32.05	1416	33.29	1441	34.54	1465	35.78	1489	37.03	1513	38.28
12608	6400	1334	30.26	1361	31.56	1388	32.85	1413	34.14	1439	35.42	1463	36.70	1487	37.99	1511	39.27	1534	40.56
13002	6600	1359	32.33	1385	33.66	1411	35.00	1437	36.33	1461	37.65	1486	38.97	1510	40.29	1533	41.62	1556	42.94
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3546	1800	1263	9.76	1322	10.85	1379	11.97	1433	13.12	1486	14.30	1537	15.51	1586	16.75	1633	18.01	1679	19.30
3940	2000	1269	10.62	1328	11.78	1384	12.95	1438	14.15	1490	15.38	1540	16.63	1589	17.91	1636	19.21	1682	20.54
4334	2200	1275	11.52	1333	12.75	1389	14.00	1443	15.26	1495	16.54	1545	17.85	1593	19.17	1640	20.52	1686	21.89
4728	2400	1282	12.43	1340	13.75	1395	15.07	1449	16.41	1500	17.77	1550	19.13	1598	20.52	1645	21.92	1690	23.35
5122	2600	1289	13.35	1347	14.75	1402	16.16	1455	17.59	1506	19.02	1556	20.47	1604	21.92	1650	23.40	1695	24.88
5516	2800	1297	14.31	1354	15.77	1409	17.26	1462	18.76	1513	20.28	1562	21.82	1610	23.36	1656	24.91	1701	26.47
5910	3000	1305	15.30	1362	16.84	1417	18.39	1469	19.97	1520	21.56	1569	23.17	1616	24.80	1663	26.44	1707	28.08
6304	3200	1315	16.35	1371	17.95	1425	19.57	1477	21.21	1527	22.88	1576	24.56	1623	26.26	1669	27.97	1714	29.70
6698	3400	1326	17.43	1381	19.10	1434	20.79	1486	22.50	1536	24.23	1584	25.98	1631	27.75	1676	29.54	1721	31.34
7092	3600	<b>1337</b>	<b>18.56</b>	1392	20.30	1444	22.07	1495	23.84										

# Type WT - Performance Data

IndustraCon

# 21-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
36 <sup>1</sup> / <sub>2</sub> "	2.29"	21"	2.29 sq. ft.	17 <sup>15</sup> / <sub>16</sub> " x 20 <sup>1</sup> / <sub>8</sub> "	0.14 sq. ft.

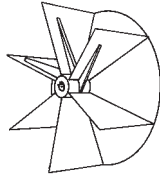
Legend: □ = WT15    □ = WT17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2410	1000	291	0.34	385	0.62	459	0.93	523	1.25	580	1.59	632	1.94	680	2.32	726	2.70	768	3.11
2892	1200	306	0.44	<b>397</b>	<b>0.77</b>	470	1.12	532	1.48	588	1.86	640	2.26	687	2.66	731	3.08	773	3.51
3374	1400	323	0.57	411	0.94	<b>482</b>	<b>1.33</b>	543	1.74	598	2.16	648	2.60	695	3.05	739	3.51	780	3.97
3856	1600	341	0.72	426	1.14	495	1.57	<b>555</b>	<b>2.02</b>	609	2.49	659	2.97	705	3.46	748	3.96	788	4.47
4338	1800	360	0.90	441	1.36	509	1.85	568	2.34	<b>621</b>	<b>2.85</b>	670	3.37	715	3.90	758	4.44	798	5.00
4820	2000	380	1.12	458	1.63	524	2.15	582	2.69	634	3.24	<b>682</b>	<b>3.81</b>	726	4.38	768	4.97	808	5.56
5302	2200	401	1.37	476	1.93	540	2.50	597	3.08	648	3.68	695	4.29	<b>739</b>	<b>4.90</b>	<b>780</b>	<b>5.53</b>	819	6.17
5784	2400	422	1.67	495	2.27	557	2.88	612	3.51	663	4.16	709	4.81	752	5.47	793	6.14	<b>831</b>	<b>6.82</b>
6266	2600	445	2.01	514	2.66	574	3.32	628	3.99	678	4.68	723	5.38	766	6.08	806	6.79	844	7.51
6748	2800	467	2.39	534	3.10	592	3.80	645	4.51	693	5.25	738	5.99	781	6.74	820	7.50	858	8.26
7230	3000	491	2.83	555	3.59	611	4.34	663	5.10	710	5.87	754	6.66	796	7.46	835	8.26	872	9.07
7712	3200	514	3.32	576	4.13	631	4.93	681	5.74	727	6.55	770	7.38	811	8.22	850	9.07	886	9.93
8194	3400	538	3.87	598	4.73	651	5.59	700	6.44	745	7.29	787	8.16	827	9.05	865	9.94	901	10.85
8676	3600	562	4.49	620	5.40	672	6.30	719	7.20	763	8.11	804	9.02	844	9.94	881	10.88	917	11.83
9158	3800	587	5.17	643	6.13	693	7.08	739	8.04	782	8.98	822	9.94	861	10.90	898	11.88	933	12.87
9640	4000	611	5.92	665	6.93	714	7.93	759	8.94	801	9.94	841	10.94	879	11.94	915	12.96	949	13.99
10122	4200	636	6.74	689	7.80	736	8.86	780	9.91	821	10.96	860	12.01	897	13.06	932	14.12	966	15.19
10604	4400	661	7.65	712	8.75	758	9.86	801	10.96	841	12.06	879	13.16	915	14.26	950	15.36	983	16.47
11086	4600	686	8.63	736	9.78	781	10.94	822	12.09	862	13.25	899	14.39	934	15.54	969	16.69	1001	17.84
11568	4800	712	9.70	760	10.90	803	12.10	844	13.31	882	14.51	919	15.71	954	16.91	987	18.10	1020	19.30
12050	5000	737	10.85	784	12.10	826	13.36	866	14.61	904	15.87	939	17.12	974	18.36	1007	19.60	1038	20.85
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3374	1400	819	4.45	857	4.94	893	5.45	927	5.96	961	6.49	993	7.03	1024	7.58	1055	8.14	1084	8.71
3856	1600	827	4.99	864	5.52	900	6.06	934	6.61	967	7.16	999	7.73	1030	8.31	1060	8.90	1089	9.50
4338	1800	836	5.56	873	6.14	908	6.72	941	7.31	974	7.90	1006	8.51	1036	9.12	1066	9.74	1095	10.37
4820	2000	846	6.17	882	6.78	917	7.41	950	8.04	983	8.68	1014	9.33	1044	9.98	1073	10.64	1102	11.31
5302	2200	857	6.81	892	7.47	927	8.14	960	8.81	992	9.49	1023	10.18	1053	10.88	1082	11.58	1110	12.29
5784	2400	868	7.51	904	8.20	938	8.91	970	9.63	1002	10.35	1033	11.08	1062	11.82	1091	12.57	1119	13.32
6266	2600	<b>881</b>	<b>8.25</b>	<b>915</b>	<b>8.99</b>	949	9.74	981	10.49	1013	11.26	1043	12.03	1072	12.81	1101	13.60	1129	14.39
6748	2800	894	9.04	928	9.82	<b>961</b>	<b>10.61</b>	993	11.41	1024	12.22	1054	13.03	1083	13.85	1112	14.68	1139	15.52
7230	3000	907	9.89	941	10.71	974	11.54	<b>1006</b>	<b>12.38</b>	<b>1036</b>	<b>13.23</b>	1066	14.09	1095	14.95	1123	15.82	1150	16.70
7712	3200	922	10.79	955	11.66	988	12.53	1019	13.42	1049	14.31	<b>1078</b>	<b>15.21</b>	<b>1107</b>	<b>16.11</b>	1135	17.02	1162	17.94
8194	3400	936	11.76	969	12.67	1001	13.59	1032	14.52	1062	15.45	1091	16.39	1120	17.33	<b>1147</b>	<b>18.29</b>	<b>1174</b>	<b>19.25</b>
8676	3600	951	12.79	984	13.75	1016	14.71	1046	15.68	1076	16.66	1105	17.64	1133	18.63	1160	19.62	1186	20.62
9158	3800	967	13.88	999	14.88	1031	15.90	1061	16.92	1090	17.94	1119	18.96	1146	19.99	1173	21.02	1200	22.07
9640	4000	983	15.04	1015	16.09	1046	17.15	1076	18.21	1105	19.28	1133	20.35	1161	21.43	1187	22.51	1213	23.59
10122	4200	999	16.28	1031	17.37	1061	18.47	1091	19.58	1120	20.70	1148	21.82	1175	22.94	1201	24.07	1227	25.19
10604	4400	1016	17.60	1047	18.73	1077	19.88	1107	21.03	1135	22.19	1163	23.36	1190	24.53	1216	25.70	1242	26.87
11086	4600	1033	19.00	1064	20.18	1094	21.36	1122	22.56	1151	23.76	1178	24.97	1205	26.19	1231	27.41	1256	28.63
11568	4800	1051	20.50	1081	21.72	1110	22.94	1139	24.18	1167	25.42	1194	26.67	1220	27.93	1246	29.20	1271	30.47
12050	5000	1069	22.10	1099	23.35	1128	24.61	1156	25.89	1183	27.17	1210	28.47	1236	29.77	1262	31.08	1286	32.39
12532	5200	1087	23.78	1117	25.08	1145	26.39	1173	27.70	1200	29.02	1226	30.36	1252	31.70	1277	33.05	1302	34.41
13014	5400	1106	25.57	1135	26.91	1163	28.26	1190	29.61	1217	30.98	1243	32.35	1269	33.73	1294	35.12	1318	36.52
13496	5600	1126	27.45	1154	28.84	1182	30.23	1208	31.63	1235	33.03	1260	34.45	1285	35.86	1310	37.29	1334	38.73
13978	5800	1145	29.45	1173	30.88	1200	32.32	1227	33.76	1253	35.20	1278	36.65	1303	38.11	1327	39.58	1351	41.06
14460	6000	1165	31.54	1193	33.02	1219	34.51	1245	35.99	1271	37.48	1296	38.97	1320	40.47	1344	41.98	1368	43.49
14942	6200	1185	33.75	1212	35.28	1239	36.81	1264	38.34	1290	39.87	1314	41.41	1338	42.95	1362	44.50	1385	46.05
15424	6400	1205	36.07	1232	37.65	1258	39.23	1284	40.80	1308	42.38	1333	43.96	1357	45.55	1380	47.14	1403	48.73
15906	6600	1226	38.50	1252	40.13	1278	41.76	1303	43.39	1328	45.01	1352	46.64	1375	48.26	1398	49.89	1421	51.53
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4338	1800	1151	11.66	1204	12.98	1255	14.35	1304	15.75	1351	17.19	1397	18.65	1441	20.14	1484	21.65	1526	23.20
4820	2000	1157	12.66	1210	14.05	1261	15.47	1309	16.93	1356	18.42	1402	19.95	1446	21.50	1488	23.08	1530	24.69
5302	2200	1165	13.73	1217	15.19	1267	16.68	1315	18.20	1362	19.74	1407	21.32	1451	22.93	1493	24.58	1534	26.25
5784	2400	1173	14.84	1225	16.39	1275	17.96	1323	19.55	1369	21.17	1413	22.81	1456	24.48	1498	26.17	1539	27.90
6266	2600	1183	16.00	1234	17.63	1283	19.29	1331	20.97	1376	22.67	1420	24.38	1463	26.12	1505	27.88	1546	29.66
6748	2800	1193	17.21	1243	18.92	1292	20.66	1339	22.43	1385	24.21	1428	26.02	1471	27.84	1512	29.68	1553	31.53
7230	3000	1203	18.47	1253	20.27	1302	22.09	1349	23.94	1394	25.80	1437	27.69	1479	29.60	1520	31.53	1560	33.47
7712	3200	1214	19.80	1264	21.68	1312	23.58	1358	25.51	1403	27.46	1446	29.43	1488	31.42	1529	33.43	1569	35.46
8194	3400	1226	21.19	1275	23.15	1323	25.13	1369	27.14	1413	29.17	1456	31.23	1498	33.30	1538	35.39	1578	37.50
8676	3600	<b>1238</b>	<b>22.64</b>	<b>1287</b>	<b>24.69</b>	1334	26.76	1380	28.85	1424	30.96	1466	33.09	1508	35.25	1548	37.42	1587	39.61

# Performance Data - Type WT

IndustraCon

# 23-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
40"	10.47'	23"	2.76 sq. ft.	19 <sup>5/8"</sup> x 22"	2.90 sq. ft.

Legend:  = WT15  = WT17

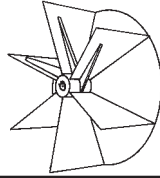
CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2900	1000	266	0.41	351	0.75	419	1.12	477	1.50	529	1.91	577	2.33	621	2.78	662	3.25	701	3.73
3480	1200	279	0.53	<b>362</b>	<b>0.92</b>	429	1.34	486	1.78	537	2.24	584	2.71	627	3.20	667	3.70	706	4.22
4060	1400	295	0.68	375	1.13	<b>439</b>	<b>1.60</b>	496	2.09	546	2.60	592	3.12	634	3.66	674	4.21	712	4.77
4640	1600	311	0.86	388	1.37	452	1.89	<b>506</b>	<b>2.43</b>	556	2.99	601	3.56	643	4.15	682	4.76	719	5.37
5220	1800	328	1.08	403	1.64	465	2.22	518	2.81	<b>567</b>	<b>3.42</b>	611	4.05	652	4.69	691	5.34	728	6.00
5800	2000	347	1.34	418	1.95	478	2.59	531	3.24	579	3.90	<b>622</b>	<b>4.57</b>	663	5.26	701	5.97	737	6.68
6380	2200	366	1.65	434	2.31	493	3.00	545	3.70	591	4.42	634	5.15	<b>674</b>	<b>5.89</b>	712	6.64	748	7.41
6960	2400	385	2.00	451	2.73	508	3.46	559	4.22	605	4.99	647	5.77	686	6.57	<b>723</b>	<b>7.37</b>	<b>759</b>	<b>8.19</b>
7540	2600	406	2.41	469	3.20	524	3.98	573	4.79	618	5.62	660	6.46	699	7.30	736	8.16	770	9.02
8120	2800	427	2.87	487	3.72	541	4.56	589	5.42	633	6.30	674	7.19	712	8.10	748	9.01	783	9.92
8700	3000	448	3.40	506	4.31	558	5.21	605	6.12	648	7.05	688	7.99	726	8.95	762	9.92	796	10.89
9280	3200	469	3.99	526	4.96	576	5.92	621	6.89	663	7.87	703	8.86	740	9.87	775	10.90	809	11.93
9860	3400	491	4.65	546	5.68	594	6.71	638	7.73	680	8.76	718	9.80	755	10.87	789	11.94	823	13.03
10440	3600	513	5.39	566	6.48	613	7.57	656	8.65	696	9.73	734	10.83	770	11.94	804	13.07	837	14.21
11020	3800	535	6.21	586	7.36	632	8.51	674	9.65	713	10.79	750	11.94	785	13.10	819	14.27	851	15.46
11600	4000	558	7.11	607	8.32	652	9.53	693	10.73	731	11.93	767	13.13	802	14.34	835	15.57	866	16.81
12180	4200	580	8.10	628	9.37	671	10.64	711	11.90	749	13.16	785	14.42	818	15.69	851	16.96	882	18.24
12760	4400	603	9.18	650	10.51	692	11.84	731	13.17	767	14.49	802	15.81	835	17.12	867	18.45	897	19.78
13340	4600	626	10.36	671	11.75	712	13.14	750	14.53	786	15.91	820	17.29	853	18.66	884	20.04	914	21.43
13920	4800	650	11.65	693	13.09	733	14.54	770	15.98	805	17.43	839	18.87	870	20.30	901	21.74	930	23.18
14500	5000	673	13.03	715	14.53	754	16.04	790	17.55	824	19.06	857	20.56	888	22.05	919	23.54	947	25.04
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4060	1400	748	5.35	782	5.94	815	6.54	846	7.16	877	7.80	906	8.45	935	9.11	962	9.78	989	10.46
4640	1600	755	6.00	788	6.63	821	7.28	852	7.94	882	8.60	911	9.29	940	9.98	967	10.69	994	11.41
5220	1800	763	6.68	796	7.37	828	8.07	859	8.78	889	9.49	918	10.22	946	10.95	973	11.70	999	12.45
5800	2000	772	7.41	805	8.15	837	8.90	867	9.65	897	10.42	925	11.20	953	11.99	980	12.78	1006	13.58
6380	2200	782	8.18	814	8.97	846	9.77	876	10.58	905	11.40	933	12.23	961	13.07	987	13.91	1013	14.76
6960	2400	792	9.02	825	9.85	856	10.70	885	11.56	914	12.43	942	13.31	969	14.20	996	15.09	1021	15.99
7540	2600	<b>804</b>	<b>9.90</b>	835	10.79	866	11.69	896	12.60	924	13.52	952	14.45	979	15.38	1005	16.33	1030	17.28
8120	2800	815	10.85	<b>847</b>	<b>11.79</b>	<b>877</b>	<b>12.74</b>	906	13.70	934	14.67	962	15.65	988	16.64	1014	17.63	1040	18.63
8700	3000	828	11.87	859	12.86	889	13.86	<b>918</b>	<b>14.87</b>	<b>946</b>	<b>15.89</b>	973	16.92	999	17.96	1025	19.00	1050	20.05
9280	3200	841	12.96	872	14.00	901	15.05	930	16.11	957	17.18	<b>984</b>	<b>18.26</b>	<b>1010</b>	<b>19.35</b>	1035	20.44	1060	21.55
9860	3400	854	14.12	885	15.22	914	16.32	942	17.42	969	18.55	996	19.68	1022	20.82	<b>1047</b>	<b>21.96</b>	<b>1071</b>	<b>23.12</b>
10440	3600	868	15.35	898	16.51	927	17.67	955	18.83	982	20.00	1008	21.18	1034	22.37	1058	23.56	1083	24.77
11020	3800	882	16.66	912	17.88	940	19.09	968	20.32	995	21.54	1021	22.77	1046	24.01	1071	25.25	1095	26.50
11600	4000	897	18.06	926	19.32	954	20.60	982	21.88	1008	23.16	1034	24.45	1059	25.74	1083	27.03	1107	28.33
12180	4200	911	19.55	940	20.86	968	22.19	995	23.52	1022	24.86	1047	26.20	1072	27.55	1096	28.90	1120	30.26
12760	4400	927	21.13	955	22.50	983	23.37	1010	25.26	1036	26.65	1061	28.05	1086	29.46	1110	30.86	1133	32.28
13340	4600	943	22.82	971	24.23	998	25.66	1024	27.09	1050	28.54	1075	29.99	1099	31.45	1123	32.92	1146	34.39
13920	4800	959	24.62	986	26.08	1013	27.55	1039	29.04	1065	30.53	1089	32.04	1113	33.55	1137	35.07	1160	36.59
14500	5000	975	26.54	1003	28.04	1029	29.56	1055	31.09	1080	32.63	1104	34.19	1128	35.75	1151	37.32	1174	38.90
15080	5200	992	28.56	1019	30.12	1045	31.69	1070	33.27	1095	34.86	1119	36.46	1143	38.07	1166	39.69	1188	41.32
15660	5400	1010	30.71	1036	32.32	1061	33.94	1086	35.56	1111	37.20	1134	38.85	1158	40.51	1180	42.18	1203	43.86
16240	5600	1027	32.97	1053	34.64	1078	36.31	1103	37.99	1127	39.67	1150	41.37	1173	43.07	1195	44.79	1217	46.52
16820	5800	1045	35.36	1070	37.09	1095	38.81	1119	40.54	1143	42.28	1166	44.02	1189	45.77	1211	47.53	1233	49.31
17400	6000	1063	37.88	1088	39.66	1113	41.44	1136	43.23	1160	45.01	1183	46.81	1205	48.61	1227	50.42	1248	52.23
17980	6200	1081	40.53	1106	42.37	1130	44.21	1154	46.05	1177	47.89	1199	49.73	1221	51.58	1243	53.44	1264	55.31
18560	6400	1100	43.32	1124	45.21	1148	47.11	1171	49.00	1194	50.90	1216	52.80	1238	54.70	1259	56.61	1280	58.52
19140	6600	1119	46.24	1143	48.20	1166	50.15	1189	52.10	1211	54.06	1233	56.01	1255	57.96	1276	59.92	1296	61.89
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5220	1800	1050	14.00	1099	15.59	1145	17.24	1190	18.92	1233	20.64	1275	22.39	1315	24.18	1354	26.00	1392	27.86
5800	2000	1056	15.21	1104	16.87	1150	18.58	1195	20.33	1238	22.12	1279	23.95	1319	25.82	1358	27.72	1396	29.65
6380	2200	1063	16.49	1111	18.25	1156	20.03	1200	21.85	1243	23.71	1284	25.61	1324	27.54	1362	29.52	1400	31.53
6960	2400	1071	17.83	1118	19.69	1163	21.57	1207	23.48	1249	25.42	1290	27.39	1329	29.39	1367	31.43	1405	33.50
7540	2600	1079	19.21	1126	21.18	1171	23.17	1214	25.18	1256	27.22	1296	29.28	1335	31.37	1373	33.48	1410	35.63
8120	2800	1088	20.66	1135	22.73	1179	24.82	1222	26.93	1263	29.08	1303	31.24	1342	33.43	1380	35.64	1417	37.87
8700	3000	1098	22.18	1144	24.34	1188	26.53	1231	28.75	1272	30.99	1311	33.26	1350	35.55	1387	37.86	1424	40.20
9280	3200	1108	23.77	1153	26.03	1197	28.32	1240	30.63	1280	32.98	1320	35.34	1358	37.73	1395	40.15	1431	42.58
9860	3400	1118	25.45	1164	27.80	1207	30.19	1249	32.60	1290	35.04	1329	37.50	1367	39.99	1404	42.50	1440	45.04
10440	3600	<b>1129</b>	<b>27.20</b>	1174	29.65	1217	32.14	1259	34.65	1299	37.18	1338	39.74	1376	42.33	1413	44.94	144	



# Type WT - Performance Data

IndustraCon

## 26-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
45 <sup>1</sup> / <sub>8</sub> "	11.81'	26"	3.55 sq. ft.	22 <sup>1</sup> / <sub>8</sub> " x 24 <sup>13</sup> / <sub>16</sub> "	3.69 sq. ft.

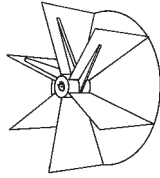
Legend:  = WT15  = WT17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3690	1000	236	0.52	311	0.95	371	1.42	423	1.91	469	2.43	511	2.97	550	3.54	587	4.13	621	4.75
4428	1200	248	0.67	<b>321</b>	<b>1.18</b>	380	1.71	431	2.27	476	2.85	517	3.45	556	4.07	591	4.71	625	5.37
5166	1400	261	0.86	332	1.44	<b>390</b>	<b>2.04</b>	439	2.66	484	3.31	524	3.97	562	4.66	598	5.36	631	6.08
5904	1600	276	1.10	344	1.74	400	2.40	<b>449</b>	<b>3.09</b>	493	3.80	533	4.54	570	5.29	605	6.05	638	6.84
6642	1800	291	1.38	357	2.09	412	2.82	459	3.58	<b>502</b>	<b>4.35</b>	542	5.15	578	5.96	613	6.79	645	7.64
7380	2000	307	1.71	371	2.49	424	3.29	471	4.12	513	4.96	<b>552</b>	<b>5.82</b>	588	6.70	622	7.59	654	8.50
8118	2200	324	2.10	385	2.95	437	3.82	483	4.71	524	5.62	562	6.55	<b>598</b>	<b>7.49</b>	631	8.45	663	9.43
8856	2400	342	2.55	400	3.47	450	4.41	495	5.37	536	6.36	573	7.35	608	8.36	<b>641</b>	<b>9.38</b>	<b>673</b>	<b>10.42</b>
9594	2600	360	3.07	416	4.07	464	5.07	508	6.10	548	7.15	585	8.22	620	9.29	652	10.38	683	11.49
10332	2800	378	3.66	432	4.74	479	5.81	522	6.90	561	8.02	597	9.16	631	10.31	663	11.46	694	12.63
11070	3000	397	4.32	449	5.48	495	6.63	536	7.79	574	8.97	610	10.17	643	11.39	675	12.63	705	13.86
11808	3200	416	5.08	466	6.31	510	7.54	551	8.77	588	10.01	623	11.28	656	12.57	687	13.87	717	15.18
12546	3400	435	5.92	484	7.23	527	8.54	566	9.84	602	11.15	637	12.48	669	13.83	700	15.20	729	16.58
13284	3600	455	6.86	501	8.25	543	9.63	582	11.01	617	12.39	651	13.78	682	15.19	713	16.63	742	18.08
14022	3800	474	7.90	520	9.36	560	10.83	598	12.28	632	13.73	665	15.19	696	16.67	726	18.16	754	19.68
14760	4000	494	9.05	538	10.59	578	12.13	614	13.66	648	15.19	680	16.72	711	18.26	740	19.81	768	21.39
15498	4200	515	10.31	557	11.92	595	13.54	631	15.15	664	16.75	695	18.36	725	19.96	754	21.58	781	23.22
16236	4400	535	11.69	576	13.37	613	15.07	648	16.76	680	18.44	711	20.12	740	21.79	768	23.48	795	25.18
16974	4600	555	13.19	595	14.95	631	16.72	665	18.49	697	20.25	727	22.00	756	23.75	783	25.51	810	27.27
17712	4800	576	14.82	614	16.66	650	18.50	683	20.34	714	22.18	743	24.01	772	25.84	799	27.66	825	29.50
18450	5000	596	16.59	634	18.50	668	20.42	700	22.34	731	24.25	760	26.16	788	28.06	814	29.96	840	31.86
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5166	1400	663	6.81	693	7.56	722	8.32	750	9.11	777	9.92	803	10.75	829	11.59	853	12.45	877	13.32
5904	1600	669	7.63	699	8.44	728	9.26	755	10.10	782	10.95	808	11.82	833	12.70	857	13.61	881	14.53
6642	1800	676	8.50	706	9.38	734	10.27	762	11.17	788	12.08	813	13.00	838	13.94	862	14.88	886	15.85
7380	2000	684	9.43	714	10.37	742	11.32	769	12.29	795	13.27	820	14.26	844	15.26	868	16.26	891	17.28
8118	2200	693	10.42	722	11.42	750	12.44	776	13.47	802	14.51	827	15.56	852	16.63	875	17.70	898	18.79
8856	2400	702	11.47	731	12.54	758	13.62	785	14.71	810	15.82	835	16.94	859	18.07	883	19.21	905	20.36
9594	2600	<b>712</b>	<b>12.60</b>	740	13.74	768	14.88	794	16.04	819	17.20	844	18.39	867	19.58	891	20.78	913	21.99
10332	2800	723	13.81	<b>751</b>	<b>15.01</b>	<b>777</b>	<b>16.22</b>	803	17.44	828	18.67	853	19.92	876	21.17	899	22.44	922	23.71
11070	3000	734	15.11	761	16.37	788	17.64	<b>813</b>	<b>18.93</b>	<b>838</b>	<b>20.23</b>	862	21.53	885	22.85	908	24.18	930	25.52
11808	3200	745	16.50	773	17.82	799	19.16	824	20.51	848	21.87	<b>872</b>	<b>23.24</b>	<b>895</b>	<b>24.63</b>	918	26.02	940	27.42
12546	3400	757	17.97	784	19.37	810	20.77	835	22.19	859	23.61	883	25.05	906	26.49	<b>928</b>	<b>27.95</b>	<b>949</b>	<b>29.42</b>
13284	3600	769	19.54	796	21.01	822	22.49	846	23.97	870	25.46	894	26.96	916	28.47	938	29.99	960	31.52
14022	3800	782	21.21	808	22.75	834	24.30	858	25.86	882	27.41	905	28.98	927	30.55	949	32.13	970	33.73
14760	4000	795	22.98	821	24.59	846	26.21	870	27.84	894	29.47	917	31.11	939	32.75	960	34.40	981	36.06
15498	4200	808	24.88	834	26.55	858	28.24	882	29.93	906	31.64	928	33.35	950	35.06	972	36.78	993	38.51
16236	4400	822	26.89	847	28.63	871	30.38	895	32.14	918	33.92	941	35.70	962	37.49	984	39.28	1004	41.08
16974	4600	836	29.05	860	30.84	885	32.65	908	34.48	931	36.32	953	38.17	975	40.03	996	41.89	1016	43.76
17712	4800	850	31.34	874	33.19	898	35.06	921	36.95	944	38.86	966	40.77	987	42.70	1008	44.63	1028	46.57
18450	5000	865	33.77	889	35.69	912	37.62	935	39.57	957	41.53	979	43.51	1000	45.50	1020	47.50	1041	49.51
19188	5200	880	36.35	903	38.34	926	40.33	949	42.34	971	44.36	992	46.40	1013	48.45	1033	50.51	1053	52.59
19926	5400	895	39.08	918	41.13	941	43.19	963	45.26	984	47.34	1006	49.44	1026	51.55	1046	53.68	1066	55.81
20664	5600	910	41.96	933	44.09	956	46.21	977	48.35	999	50.49	1019	52.65	1040	54.82	1060	57.00	1079	59.20
21402	5800	926	45.01	949	47.20	971	49.39	992	51.60	1013	53.80	1034	56.02	1054	58.25	1073	60.49	1093	62.75
22140	6000	942	48.21	965	50.48	986	52.74	1007	55.01	1028	57.29	1048	59.57	1068	61.86	1087	64.16	1106	66.48
22878	6200	959	51.58	981	53.92	1002	56.26	1023	58.60	1043	60.94	1063	63.29	1082	65.65	1102	68.01	1120	70.39
23616	6400	975	55.13	997	57.54	1018	59.96	1038	62.37	1058	64.78	1078	67.19	1097	69.62	1116	72.04	1135	74.48
24354	6600	992	58.85	1013	61.34	1034	63.83	1054	66.31	1074	68.79	1093	71.28	1112	73.77	1131	76.26	1149	78.76
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6642	1800	931	17.82	974	19.85	1015	21.94	1055	24.08	1093	26.27	1130	28.50	1166	30.78	1200	33.10	1234	35.46
7380	2000	936	19.35	979	21.47	1020	23.64	1059	25.87	1097	28.15	1134	30.49	1169	32.86	1204	35.28	1237	37.74
8118	2200	942	20.99	984	23.22	1025	25.50	1064	27.81	1102	30.18	1138	32.59	1173	35.05	1208	37.57	1241	40.12
8856	2400	949	22.69	991	25.06	1031	27.46	1070	29.89	1107	32.36	1143	34.86	1178	37.41	1212	40.00	1245	42.64
9594	2600	957	24.45	998	26.95	1038	29.48	1076	32.05	1113	34.65	1149	37.27	1184	39.92	1217	42.61	1250	45.34
10332	2800	965	26.30	1006	28.92	1045	31.58	1083	34.28	1120	37.00	1155	39.76	1190	42.55	1223	45.36	1256	48.19
11070	3000	973	28.23	1014	30.98	1053	33.77	1091	36.59	1127	39.44	1162	42.33	1197	45.24	1230	48.19	1262	51.16
11808	3200	982	30.26	1022	33.13	1061	36.04	1099	38.99	1135	41.97	1170	44.98	1204	48.02	1237	51.09	1269	54.19
12546	3400	991	32.38	1031	35.38	1070	38.42	1107	41.49	1143	44.59	1178	47.73	1212	50.90	1244	54.09	1276	57.32
13284	3600	<b>1001</b>	<b>34.61</b>	1041	37.74	1079	40.90	1116	44.09	1152	47.32	1186	50.58	1220	53.87	1252	57.19	1284	60.54</

# Performance Data - Type WT

IndustraCon

# 29-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
50 <sup>1</sup> / <sub>2</sub> "	13.22'	29"	4.43 sq. ft.	24 <sup>5</sup> / <sub>8</sub> " x 27 <sup>11</sup> / <sub>16</sub> "	4.62 sq. ft.

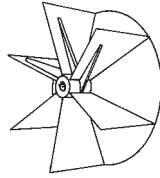
Legend:  = WT15  = WT17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4620	1000	210	0.65	278	1.19	332	1.78	378	2.40	419	3.04	457	3.72	492	4.43	524	5.18	555	5.95
5544	1200	221	0.84	<b>287</b>	<b>1.47</b>	339	2.14	385	2.84	425	3.57	462	4.32	496	5.10	529	5.90	559	6.73
6468	1400	233	1.08	297	1.80	<b>348</b>	<b>2.55</b>	392	3.33	432	4.14	469	4.98	502	5.83	534	6.71	564	7.61
7392	1600	246	1.38	308	2.18	358	3.01	<b>401</b>	<b>3.87</b>	440	4.77	476	5.68	509	6.62	540	7.58	570	8.56
8316	1800	260	1.73	319	2.61	368	3.54	411	4.48	<b>449</b>	<b>5.45</b>	484	6.45	517	7.47	548	8.51	577	9.57
9240	2000	275	2.14	331	3.11	379	4.12	421	5.16	458	6.21	<b>493</b>	<b>7.29</b>	525	8.39	555	9.51	584	10.65
10164	2200	290	2.63	344	3.69	390	4.78	431	5.90	468	7.04	502	8.20	<b>534</b>	<b>9.38</b>	564	10.59	592	11.81
11088	2400	305	3.19	358	4.35	402	5.52	442	6.73	479	7.96	512	9.20	544	10.46	<b>573</b>	<b>11.75</b>	<b>601</b>	<b>13.05</b>
12012	2600	321	3.84	372	5.09	415	6.35	454	7.64	490	8.95	523	10.29	554	11.64	583	13.00	610	14.38
12936	2800	338	4.58	386	5.93	428	7.28	466	8.64	501	10.04	534	11.47	564	12.91	593	14.36	620	15.82
13860	3000	355	5.42	401	6.87	442	8.31	479	9.75	513	11.23	545	12.74	575	14.27	603	15.81	630	17.36
14784	3200	372	6.36	416	7.91	456	9.44	492	10.98	525	12.54	557	14.12	586	15.74	614	17.37	641	19.01
15708	3400	389	7.41	432	9.06	471	10.69	506	12.32	538	13.96	569	15.63	598	17.32	625	19.04	652	20.77
16632	3600	406	8.59	448	10.33	485	12.06	520	13.79	551	15.52	581	17.26	610	19.03	637	20.82	663	22.64
17556	3800	424	9.89	464	11.73	501	13.56	534	15.38	565	17.20	594	19.03	622	20.87	649	22.75	674	24.64
18480	4000	442	11.33	481	13.26	516	15.19	549	17.11	579	19.02	608	20.93	635	22.86	661	24.81	686	26.79
19404	4200	460	12.91	498	14.93	532	16.95	564	18.97	593	20.98	621	22.99	648	25.00	674	27.03	698	29.08
20328	4400	478	14.64	515	16.75	548	18.87	579	20.99	608	23.09	635	25.19	662	27.29	687	29.41	711	31.53
21252	4600	496	16.52	532	18.72	564	20.94	594	23.15	623	25.36	650	27.55	675	29.75	700	31.94	724	34.15
22176	4800	514	18.56	549	20.86	581	23.17	610	25.48	638	27.78	664	30.08	689	32.36	714	34.65	737	36.94
23100	5000	533	20.77	566	23.17	597	25.57	626	27.97	653	30.37	679	32.76	704	35.15	728	37.52	750	39.91
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6468	1400	592	8.52	619	9.46	645	10.43	670	11.41	694	12.43	718	13.46	740	14.51	762	15.59	784	16.68
7392	1600	598	9.56	625	10.57	650	11.60	675	12.65	699	13.71	722	14.80	744	15.91	766	17.04	787	18.19
8316	1800	604	10.65	631	11.75	656	12.86	680	13.99	704	15.13	727	16.28	749	17.45	770	18.64	791	19.85
9240	2000	611	11.81	638	12.98	663	14.18	687	15.39	710	16.61	733	17.85	755	19.11	776	20.37	797	21.65
10164	2200	619	13.04	645	14.30	670	15.58	694	16.87	717	18.17	739	19.49	761	20.83	782	22.17	802	23.53
11088	2400	628	14.37	653	15.71	678	17.06	701	18.43	724	19.81	746	21.21	768	22.63	789	24.05	809	25.49
12012	2600	<b>636</b>	<b>15.79</b>	662	17.20	686	18.64	709	20.08	732	21.55	754	23.03	775	24.52	796	26.03	816	27.55
12936	2800	646	17.30	<b>671</b>	<b>18.80</b>	<b>695</b>	<b>20.31</b>	718	21.84	740	23.39	762	24.94	783	26.52	803	28.10	823	29.70
13860	3000	656	18.92	680	20.50	704	22.10	<b>727</b>	<b>23.71</b>	<b>749</b>	<b>25.33</b>	770	26.97	791	28.62	812	30.29	831	31.96
14784	3200	666	20.66	690	22.32	714	23.99	736	25.68	758	27.39	<b>779</b>	<b>29.11</b>	<b>800</b>	<b>30.84</b>	820	32.59	840	34.34
15708	3400	677	22.51	701	24.26	724	26.02	746	27.79	768	29.57	789	31.37	809	33.18	<b>829</b>	<b>35.01</b>	<b>848</b>	<b>36.85</b>
16632	3600	687	24.47	711	26.32	734	28.17	756	30.02	778	31.88	799	33.76	819	35.65	838	37.56	858	39.48
17556	3800	699	26.56	722	28.49	745	30.43	767	32.38	788	34.33	809	36.29	829	38.26	848	40.25	867	42.24
18480	4000	710	28.78	733	30.80	756	32.83	778	34.87	799	36.91	819	38.96	839	41.02	858	43.08	877	45.16
19404	4200	722	31.15	745	33.25	767	35.36	789	37.49	809	39.62	830	41.77	849	43.92	868	46.07	887	48.22
20328	4400	734	33.68	757	35.86	779	38.05	800	40.26	820	42.48	840	44.71	860	46.95	879	49.20	897	51.45
21252	4600	747	36.38	769	38.63	790	40.90	811	43.18	832	45.49	851	47.80	871	50.13	890	52.47	908	54.81
22176	4800	759	39.25	781	41.57	802	43.92	823	46.28	843	48.66	863	51.06	882	53.47	901	55.89	919	58.52
23100	5000	773	42.30	794	44.70	815	47.12	835	49.56	855	52.02	874	54.49	893	56.99	912	59.49	930	62.00
24024	5200	786	45.53	807	48.01	828	50.51	848	53.02	867	55.56	886	58.11	905	60.68	923	63.26	941	65.86
24948	5400	800	48.94	820	51.51	841	54.09	860	56.69	880	59.29	898	61.92	917	64.56	935	67.23	953	69.90
25872	5600	814	52.56	834	55.21	854	57.88	873	60.55	892	63.24	911	65.94	929	68.65	947	71.39	964	74.14
26796	5800	828	56.37	848	59.11	868	61.86	887	64.62	905	67.39	924	70.16	942	72.96	959	75.76	976	78.59
27720	6000	842	60.38	862	63.22	881	66.06	900	68.90	919	71.75	937	74.61	954	77.48	972	80.36	989	83.26
28644	6200	857	64.60	876	67.53	895	70.46	914	73.39	932	76.33	950	79.27	967	82.22	984	85.18	1001	88.15
29568	6400	871	69.04	891	72.07	909	75.09	928	78.11	946	81.13	963	84.16	980	87.19	997	90.23	1014	93.28
30492	6600	886	73.70	905	76.82	924	79.94	942	83.05	960	86.16	977	89.27	994	92.39	1011	95.51	1027	98.64
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8316	1800	832	22.31	870	24.86	907	27.48	943	30.16	977	32.90	1010	35.69	1042	38.54	1073	41.45	1103	44.41
9240	2000	836	24.24	875	26.89	911	29.61	946	32.40	980	35.26	1013	38.18	1045	41.16	1076	44.19	1106	47.26
10164	2200	842	26.29	880	29.09	916	31.93	951	34.83	984	37.79	1017	40.81	1048	43.90	1079	47.05	1109	50.25
11088	2400	848	28.41	886	31.38	921	34.39	956	37.43	989	40.52	1021	43.66	1053	46.85	1083	50.10	1113	53.40
12012	2600	855	30.63	892	33.75	927	36.93	962	40.14	995	43.39	1027	46.68	1058	50.00	1088	53.37	1117	56.78
12936	2800	862	32.94	899	36.22	934	39.55	968	42.92	1001	46.35	1032	49.80	1063	53.29	1093	56.81	1122	60.36
13860	3000	869	35.36	906	38.80	941	42.29	975	45.82	1007	49.40	1039	53.01	1069	56.66	1099	60.35	1128	64.07
14784	3200	877	37.89	914	41.49	948	45.14	982	48.83	1014	52.56	1045	56.33	1076	60.14	1105	63.99	1134	67.87
15708	3400	886	40.56	922	44.31	956	48.11	989	51.96	1021	55.85	1052	59.78	1083	63.74	1112	67.75	1140	71.78
16632	3600	<b>895</b>	<b>43.35</b>	930	47.26	964	51.22	997	55.22	1029	59.27	1060	63.35	1090	67.47	1119	71.63	1147	75.83
17556	3800	904	46.27																

# Type WT - Performance Data

IndustraCon

## 33-61



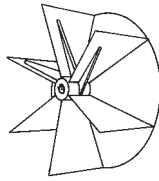
WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
57 1/2"	15.05'	33"	5.76 sq. ft.	28" x 31 1/2"	5.99 sq. ft.

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5990	1000	185	0.84	244	1.54	292	2.31	332	3.11	368	3.95	401	4.82	432	5.75	461	6.71	487	7.71
7188	1200	194	1.09	<b>252</b>	<b>1.91</b>	298	2.77	338	3.68	374	4.63	406	5.61	436	6.61	464	7.65	491	8.72
8386	1400	205	1.40	261	2.33	<b>306</b>	<b>3.30</b>	345	4.32	380	5.37	412	6.45	441	7.56	469	8.70	495	9.86
9584	1600	216	1.78	270	2.82	314	3.90	<b>352</b>	<b>5.02</b>	387	6.18	418	7.36	447	8.58	475	9.83	500	11.10
10782	1800	228	2.24	280	3.39	323	4.58	361	5.81	<b>394</b>	<b>7.07</b>	425	8.36	454	9.68	481	11.03	506	12.41
11980	2000	241	2.78	291	4.04	333	5.34	369	6.69	402	8.05	<b>433</b>	<b>9.45</b>	461	10.87	488	12.33	513	13.80
13178	2200	254	3.41	302	4.78	343	6.20	379	7.65	411	9.13	441	10.63	<b>469</b>	<b>12.17</b>	495	13.72	520	15.31
14376	2400	268	4.14	314	5.64	353	7.15	389	8.72	421	10.32	450	11.93	477	13.57	<b>503</b>	<b>15.23</b>	<b>528</b>	<b>16.92</b>
15574	2600	282	4.98	326	6.60	364	8.23	399	9.90	430	11.61	459	13.34	486	15.09	512	16.86	536	18.65
16772	2800	297	5.94	339	7.69	376	9.43	409	11.20	440	13.02	469	14.87	495	16.73	521	18.61	545	20.51
17970	3000	311	7.02	352	8.90	388	10.77	421	12.65	451	14.56	479	16.52	505	18.50	530	20.50	553	22.51
19168	3200	326	8.24	366	10.25	401	12.24	432	14.24	461	16.25	489	18.31	515	20.40	539	22.52	563	24.65
20366	3400	342	9.61	380	11.74	413	13.86	444	15.98	473	18.10	500	20.26	525	22.45	549	24.68	572	26.93
21564	3600	357	11.14	394	13.39	426	15.64	456	17.88	484	20.11	511	22.37	536	24.67	559	27.00	582	29.35
22762	3800	372	12.83	408	15.20	440	17.58	469	19.94	496	22.30	522	24.67	546	27.06	570	29.49	592	31.95
23960	4000	388	14.69	422	17.19	453	19.69	482	22.18	509	24.66	534	27.14	558	29.64	581	32.17	603	34.73
25158	4200	404	16.74	437	19.36	467	21.98	495	24.60	521	27.20	546	29.80	569	32.41	592	35.04	613	37.70
26356	4400	420	18.98	452	21.72	481	24.46	508	27.21	534	29.94	558	32.66	581	35.39	603	38.12	624	40.88
27554	4600	436	21.41	467	24.28	495	27.15	522	30.02	547	32.87	571	35.72	593	38.56	615	41.41	636	44.28
28752	4800	452	24.06	482	27.04	510	30.04	536	33.03	560	36.02	583	38.99	606	41.95	627	44.92	647	47.89
29950	5000	468	26.93	497	30.03	525	33.15	550	36.27	574	39.38	596	42.48	618	45.57	639	48.65	659	51.74
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8386	1400	520	11.05	544	12.27	567	13.52	589	14.80	610	16.11	630	17.45	650	18.82	670	20.21	688	21.62
9584	1600	525	12.39	549	13.71	571	15.04	593	16.40	614	17.78	634	19.19	654	20.63	673	22.09	691	23.59
10782	1800	531	13.81	554	15.23	576	16.67	598	18.13	618	19.61	638	21.11	658	22.63	677	24.17	695	25.73
11980	2000	537	15.31	560	16.83	582	18.38	603	19.95	624	21.54	644	23.15	663	24.77	681	26.41	700	28.06
13178	2200	544	16.91	567	18.54	588	20.19	609	21.86	630	23.56	649	25.27	668	27.00	687	28.75	705	30.51
14376	2400	551	18.63	574	20.36	595	22.11	616	23.89	636	25.69	655	27.50	674	29.33	693	31.18	710	33.05
15574	2600	<b>559</b>	<b>20.46</b>	<b>581</b>	<b>22.30</b>	602	24.16	623	26.04	643	27.94	662	29.85	681	31.79	699	33.74	717	35.71
16772	2800	567	22.43	589	24.37	<b>610</b>	<b>26.33</b>	630	28.32	650	30.32	669	32.34	688	34.38	706	36.43	723	38.50
17970	3000	576	24.53	598	26.58	618	28.65	<b>638</b>	<b>30.73</b>	<b>658</b>	<b>32.84</b>	677	34.96	695	37.11	713	39.26	730	41.44
19168	3200	585	26.79	606	28.94	627	31.11	647	33.30	666	35.51	<b>684</b>	<b>37.74</b>	<b>703</b>	<b>39.98</b>	720	42.25	737	44.53
20366	3400	594	29.19	615	31.45	636	33.73	655	36.02	674	38.34	693	40.67	711	43.02	<b>728</b>	<b>45.39</b>	<b>745</b>	<b>47.77</b>
21564	3600	604	31.73	625	34.12	645	36.52	664	38.92	683	41.34	701	43.77	719	46.22	736	48.69	753	51.18
22762	3800	614	34.44	634	36.94	654	39.45	673	41.98	692	44.51	710	47.05	728	49.61	745	52.18	762	54.77
23960	4000	624	37.32	644	39.93	664	42.56	683	45.20	701	47.86	719	50.52	737	53.18	754	55.85	770	58.54
25158	4200	634	40.39	654	43.11	674	45.85	693	48.60	711	51.37	729	54.15	746	56.93	763	59.73	779	62.52
26356	4400	645	43.67	665	46.49	684	49.33	702	52.19	720	55.07	738	57.96	755	60.87	772	63.78	788	66.70
27554	4600	656	47.16	675	50.08	694	53.02	713	55.99	730	58.97	748	61.98	765	64.99	781	68.02	797	71.06
28752	4800	667	50.88	686	53.90	705	56.93	723	60.00	741	63.09	758	66.20	775	69.32	791	72.46	807	75.61
29950	5000	679	54.83	697	57.95	716	61.09	734	64.25	751	67.44	768	70.65	785	73.88	801	77.12	817	80.39
31148	5200	690	59.02	709	62.24	727	65.48	745	68.74	762	72.03	778	75.33	795	78.67	811	82.02	827	85.38
32346	5400	702	63.45	721	66.79	738	70.13	756	73.49	773	76.87	789	80.28	805	83.70	821	87.16	837	90.63
33544	5600	715	68.13	733	71.58	750	75.03	767	78.50	784	81.98	800	85.48	816	89.01	832	92.55	847	96.12
34742	5800	727	73.07	745	76.64	762	80.20	779	83.77	795	87.36	811	90.96	827	94.58	842	98.22	857	101.90
35940	6000	740	78.28	757	81.96	774	85.64	791	89.32	807	93.02	823	96.72	838	100.40	853	104.20	868	107.90
37138	6200	752	83.75	769	87.55	786	91.35	803	95.15	819	98.95	834	102.80	850	106.60	865	110.40	879	114.30
38336	6400	765	89.51	782	93.43	799	97.35	815	101.30	831	105.20	846	109.10	861	113.00	876	117.00	890	120.90
39534	6600	778	95.55	795	99.60	811	103.60	827	107.70	843	111.70	858	115.70	873	119.80	888	123.80	902	127.90
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
10782	1800	730	28.93	764	32.22	797	35.62	828	39.10	858	42.65	887	46.27	915	49.97	942	53.74	968	57.57
11980	2000	735	31.42	768	34.86	800	38.39	831	42.00	861	45.71	890	49.50	918	53.36	945	57.28	971	61.28
13178	2200	739	34.08	773	37.71	804	41.40	835	45.16	865	49.00	893	52.91	921	56.91	948	60.99	974	65.15
14376	2400	745	36.84	778	40.68	809	44.58	840	48.53	869	52.53	897	56.60	925	60.74	951	64.95	977	69.23
15574	2600	751	39.70	783	43.76	815	47.87	845	52.04	874	56.25	902	60.51	929	64.82	955	69.19	981	73.62
16772	2800	757	42.70	789	46.96	820	51.28	850	55.66	879	60.08	907	64.56	934	69.08	960	73.65	986	78.25
17970	3000	764	45.84	796	50.30	826	54.82	856	59.41	885	64.04	912	68.73	939	73.46	965	78.24	990	83.06
19168	3200	771	49.13	802	53.79	833	58.52	862	63.30	891	68.14	918	73.03	945	77.97	971	82.96	996	87.99
20366	3400	778	52.58	809	57.45	840	62.38	869	67.36	897	72.40	924	77.50	951	82.64	976	87.83	1002	93.06
21564	3600	<b>786</b>	<b>56.20</b>	817	61.28	847	66.41	876	71.59	904	76.83	931	82.13	957	87.47	983	92.86	1007	98.30
22762	3800	<b>794</b>	<b>59.99</b>	<b>825</b>	<b>65.28</b>	854	70.62	883	76.01	911	81.45	938	86.94	964	92.49	989	98.08	1014	103

# Performance Data - Type WT

IndustraCon

## 37-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
64 <sup>3</sup> / <sub>8</sub> "	16.85'	37"	7.27 sq. ft.	31 <sup>1</sup> / <sub>2</sub> " x 35 <sup>3</sup> / <sub>16</sub> "	7.51 sq. ft.

Legend:  = WT15  = WT17

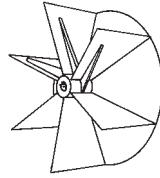
CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7510	1000	165	1.05	218	1.94	260	2.89	297	3.90	329	4.95	358	6.05	386	7.20	411	8.41	435	9.66
9012	1200	174	1.37	<b>225</b>	<b>2.39</b>	266	3.48	302	4.62	334	5.80	363	7.03	389	8.28	415	9.58	438	10.93
10514	1400	183	1.76	233	2.92	<b>273</b>	<b>4.14</b>	308	5.41	339	6.73	368	8.09	394	9.48	419	10.91	442	12.36
12016	1600	193	2.23	241	3.54	281	4.89	<b>315</b>	<b>6.30</b>	345	7.74	373	9.23	399	10.76	424	12.32	447	13.91
13518	1800	204	2.81	250	4.24	289	5.75	322	7.28	<b>352</b>	<b>8.86</b>	380	10.48	405	12.14	430	13.83	452	15.55
15020	2000	215	3.48	260	5.06	297	6.70	330	8.38	359	10.09	<b>387</b>	<b>11.84</b>	412	13.63	436	15.45	458	17.30
16522	2200	227	4.27	270	6.00	306	7.77	338	9.59	367	11.45	394	13.33	<b>419</b>	<b>15.25</b>	<b>442</b>	<b>17.20</b>	465	19.19
18024	2400	240	5.19	280	7.07	316	8.97	347	10.93	376	12.93	402	14.96	426	17.01	450	19.09	<b>471</b>	<b>21.21</b>
19526	2600	252	6.24	291	8.28	326	10.32	356	12.41	384	14.55	410	16.72	434	18.91	457	21.13	479	23.37
21028	2800	265	7.44	303	9.64	336	11.82	366	14.04	393	16.32	419	18.64	443	20.98	465	23.33	486	25.71
22530	3000	278	8.80	315	11.16	347	13.50	376	15.85	402	18.25	428	20.70	451	23.19	473	25.70	494	28.21
24032	3200	292	10.33	327	12.85	358	15.34	386	17.84	412	20.37	437	22.95	460	25.57	482	28.23	503	30.90
25534	3400	305	12.05	339	14.72	369	17.38	397	20.02	422	22.69	446	25.39	469	28.14	491	30.93	511	33.75
27036	3600	319	13.96	352	16.78	381	19.60	408	22.41	433	25.21	456	28.05	478	30.92	500	33.84	520	36.79
28538	3800	333	16.08	364	19.06	393	22.03	419	24.99	443	27.95	466	30.92	488	33.92	509	36.96	529	40.05
30040	4000	347	18.41	377	21.54	405	24.68	430	27.80	454	30.91	477	34.02	498	37.15	519	40.32	538	43.53
31542	4200	361	20.98	390	24.26	417	27.55	442	30.83	465	34.10	487	37.36	508	40.63	528	43.92	548	47.26
33044	4400	375	23.78	404	27.22	430	30.66	454	34.10	477	37.53	498	40.94	519	44.35	539	47.78	558	51.24
34546	4600	389	26.84	417	30.43	443	34.03	466	37.62	488	41.21	510	44.77	530	48.34	549	51.91	568	55.50
36048	4800	404	30.16	431	33.90	455	37.65	478	41.40	500	45.15	521	48.87	541	52.59	560	56.30	578	60.03
37550	5000	418	33.76	444	37.64	468	41.55	491	45.46	512	49.36	533	53.24	552	57.11	571	60.98	589	64.85
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
10514	1400	465	13.85	486	15.38	506	16.94	526	18.55	545	20.19	563	21.87	581	23.59	598	25.33	615	27.10
12016	1600	469	15.53	490	17.18	510	18.85	529	20.55	548	22.29	566	24.05	584	25.85	601	27.69	617	29.57
13518	1800	474	17.30	495	19.09	515	20.90	534	22.73	552	24.58	570	26.46	588	28.36	604	30.29	621	32.25
15020	2000	480	19.19	500	21.10	520	23.04	539	25.01	557	27.00	575	29.01	592	31.05	609	33.10	625	35.17
16522	2200	486	21.20	506	23.24	526	25.31	544	27.41	562	29.53	580	31.67	597	33.84	613	36.03	630	38.24
18024	2400	492	23.35	512	25.52	532	27.72	550	29.94	568	32.19	585	34.47	602	36.77	619	39.09	635	41.43
19526	2600	<b>499</b>	<b>25.65</b>	<b>519</b>	<b>27.95</b>	538	30.28	556	32.64	574	35.01	591	37.42	608	39.84	624	42.29	640	44.76
21028	2800	507	28.11	526	30.55	<b>545</b>	<b>33.01</b>	563	35.49	581	38.00	598	40.53	614	43.09	630	45.66	646	48.26
22530	3000	514	30.75	534	33.31	552	35.91	<b>570</b>	<b>38.52</b>	<b>588</b>	<b>41.16</b>	604	43.83	621	46.51	637	49.21	652	51.94
24032	3200	523	33.58	542	36.27	560	38.99	578	41.74	595	44.51	<b>611</b>	<b>47.30</b>	<b>628</b>	<b>50.12</b>	643	52.95	659	55.81
25534	3400	531	36.58	550	39.43	568	42.28	585	45.15	602	48.05	619	50.98	635	53.92	<b>650</b>	<b>56.89</b>	<b>666</b>	<b>59.87</b>
27036	3600	539	39.77	558	42.76	576	45.77	593	48.78	610	51.81	626	54.86	642	57.94	658	61.03	673	64.15
28538	3800	548	43.16	567	46.30	584	49.45	602	52.62	618	55.79	634	58.97	650	62.18	665	65.40	680	68.64
30040	4000	557	46.78	575	50.05	593	53.35	610	56.66	626	59.98	642	63.32	658	66.66	673	70.01	688	73.38
31542	4200	566	50.63	584	54.03	602	57.46	619	60.92	635	64.39	651	67.87	666	71.36	681	74.86	696	78.37
33044	4400	576	54.73	594	58.27	611	61.83	627	65.42	644	69.03	659	72.65	675	76.29	689	79.94	704	83.60
34546	4600	586	59.12	603	62.77	620	66.46	636	70.17	652	73.92	668	77.68	683	81.46	698	85.26	712	89.06
36048	4800	596	63.78	613	67.55	630	71.36	646	75.21	661	79.08	677	82.98	692	86.89	706	90.83	721	94.78
37550	5000	606	68.73	623	72.64	639	76.57	655	80.53	671	84.53	686	88.55	701	92.60	715	96.67	729	100.80
39052	5200	617	73.98	633	78.02	649	82.08	665	86.16	680	90.28	695	94.43	710	98.60	724	102.80	738	107.00
40554	5400	627	79.53	643	83.71	660	87.90	675	92.12	690	96.35	705	100.60	719	104.90	733	109.20	747	113.60
42056	5600	638	85.40	654	89.72	670	94.05	685	98.39	700	102.80	715	107.10	729	111.60	743	116.00	756	120.50
43558	5800	649	91.59	665	96.06	681	100.50	696	105.00	710	109.50	725	114.00	739	118.60	752	123.10	766	127.70
45060	6000	661	98.12	676	102.70	691	107.30	706	112.00	721	116.60	735	121.20	749	125.90	762	130.60	776	135.30
46562	6200	672	105.00	687	109.70	702	114.50	717	119.30	731	124.00	745	128.80	759	133.60	772	138.40	785	143.20
48064	6400	683	112.20	699	117.10	713	122.00	728	126.90	742	131.80	756	136.80	769	141.70	782	146.60	795	151.60
49566	6600	695	119.80	710	124.80	725	129.90	739	135.00	753	140.00	766	145.10	780	150.10	793	155.20	806	160.30
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
13518	1800	652	36.26	683	40.39	712	44.65	739	49.01	766	53.46	792	58.00	817	62.63	841	67.35	865	72.16
15020	2000	656	39.39	686	43.70	715	48.12	742	52.65	769	57.30	795	62.04	820	66.88	844	71.80	867	76.80
16522	2200	661	42.72	690	47.26	718	51.89	746	56.60	772	61.41	798	66.32	822	71.33	846	76.45	870	81.66
18024	2400	665	46.17	695	50.99	723	55.88	750	60.83	776	65.85	801	70.95	826	76.13	850	81.41	873	86.77
19526	2600	671	49.77	700	54.85	728	60.00	754	65.23	780	70.51	805	75.85	830	81.25	853	86.72	876	92.27
21028	2800	676	53.52	705	58.86	733	64.28	759	69.76	785	75.31	810	80.93	834	86.59	857	92.31	880	98.08
22530	3000	682	57.45	711	63.05	738	68.72	765	74.46	790	80.27	815	86.14	839	92.08	862	98.07	885	104.10
24032	3200	688	61.58	717	67.43	744	73.35	770	79.35	796	85.41	820	91.54	844	97.73	867	104.00	889	110.30
25534	3400	695	65.91	723	72.01	750	78.18	776	84.43	801	90.75	826	97.13	849	103.60	872	110.10	895	116.70
27036	3600	<b>702</b>	<b>70.44</b>	730	76.80	756	83.24	782	89.74	807	96.31	831	102.90	855	109.60	878	116.40	900	123.20
28538	3800	709	75.19	<b>737</b>	<b>81.82</b>	763	88.51	789	95.27	814	102.10	838	109.00	861	115.90	883	122.90	906	130.00
30040	4000	716	80.18	744	87.07	<b>7</b>													



# Type WT - Performance Data

IndustraCon

## 41-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
71 <sup>1</sup> / <sub>4</sub> "	18.65'	41"	8.95 sq. ft.	34 <sup>1</sup> / <sub>16</sub> " x 38 <sup>15</sup> / <sub>16</sub> "	9.20 sq. ft.

Legend:  = WT15  = WT17

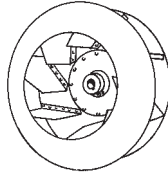
CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9200	1000	149	1.29	197	2.37	235	3.54	268	4.77	297	6.06	324	7.41	349	8.82	372	10.30	393	11.84
11040	1200	157	1.68	<b>203</b>	<b>2.93</b>	241	4.26	273	5.65	301	7.11	328	8.61	352	10.15	375	11.74	396	13.39
12880	1400	165	2.15	210	3.58	<b>247</b>	<b>5.07</b>	278	6.63	306	8.24	332	9.90	356	11.61	378	13.36	400	15.15
14720	1600	175	2.74	218	4.34	253	6.00	<b>284</b>	<b>7.71</b>	312	9.49	337	11.31	361	13.18	383	15.09	404	17.04
16560	1800	184	3.44	226	5.20	261	7.04	291	8.92	<b>318</b>	<b>10.85</b>	343	12.84	366	14.87	388	16.94	409	19.05
18400	2000	195	4.27	235	6.20	268	8.21	298	10.27	325	12.36	<b>349</b>	<b>14.51</b>	372	16.70	394	18.93	414	21.20
20240	2200	205	5.23	244	7.34	277	9.51	306	11.75	332	14.02	356	16.33	<b>379</b>	<b>18.68</b>	400	21.07	420	23.50
22080	2400	216	6.35	253	8.65	285	10.98	314	13.39	339	15.84	363	18.32	385	20.83	<b>406</b>	<b>23.38</b>	<b>426</b>	<b>25.98</b>
23920	2600	228	7.64	263	10.14	294	12.64	322	15.20	347	17.83	371	20.49	392	23.17	413	25.88	433	28.63
25760	2800	239	9.11	274	11.80	304	14.48	330	17.20	355	19.99	378	22.83	400	25.70	420	28.58	439	31.49
27600	3000	251	10.78	284	13.67	313	16.53	339	19.42	364	22.36	386	25.36	408	28.41	428	31.48	447	34.56
29440	3200	263	12.66	295	15.74	323	18.80	349	21.86	372	24.96	395	28.12	415	31.33	435	34.58	454	37.85
31280	3400	276	14.76	306	18.03	334	21.29	358	24.53	381	27.79	402	31.11	424	34.48	443	37.89	462	41.34
33120	3600	288	17.10	318	20.56	344	24.01	368	27.45	391	30.88	412	34.36	432	37.88	451	41.45	470	45.07
34960	3800	300	19.69	329	23.34	355	26.99	378	30.62	401	34.24	421	37.87	441	41.55	460	45.28	478	49.06
36800	4000	313	22.56	341	26.39	366	30.23	389	34.06	410	37.86	431	41.67	450	45.51	469	49.39	486	53.32
38640	4200	326	25.70	353	29.72	377	33.75	399	37.77	421	41.77	440	45.76	459	49.77	477	53.81	495	57.89
40480	4400	339	29.14	365	33.34	388	37.56	410	41.78	431	45.97	450	50.15	469	54.33	487	58.54	504	62.77
42320	4600	352	32.88	377	37.27	400	41.68	421	46.09	441	50.48	460	54.85	479	59.21	496	63.59	513	67.99
44160	4800	365	36.95	389	41.53	411	46.12	432	50.72	452	55.30	471	59.87	489	64.42	506	68.97	522	73.54
46000	5000	378	41.35	401	46.11	423	50.90	444	55.68	463	60.46	481	65.22	499	69.96	516	74.70	532	79.44
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
12880	1400	420	16.97	439	18.84	457	20.75	475	22.72	492	24.74	509	26.79	525	28.89	540	31.03	555	33.20
14720	1600	424	19.03	443	21.05	461	23.09	478	25.18	495	27.30	512	29.46	527	31.67	543	33.92	558	36.22
16560	1800	428	21.20	447	23.38	465	25.60	482	27.84	499	30.11	515	32.41	531	34.74	546	37.11	561	39.51
18400	2000	433	23.50	452	25.85	470	28.22	487	30.63	503	33.07	519	35.54	535	38.03	550	40.55	565	43.09
20240	2200	439	25.97	457	28.47	475	31.00	492	33.57	508	36.17	524	38.80	539	41.45	554	44.14	569	46.85
22080	2400	445	28.60	463	31.26	480	33.96	497	36.68	513	39.44	529	42.22	544	45.04	559	47.88	573	50.75
23920	2600	<b>451</b>	<b>31.42</b>	469	34.24	486	37.10	503	39.98	519	42.89	534	45.84	549	48.81	564	51.81	578	54.83
25760	2800	458	34.44	<b>475</b>	<b>37.42</b>	<b>492</b>	<b>40.44</b>	509	43.48	525	46.55	540	49.65	555	52.78	569	55.94	584	59.12
27600	3000	465	37.67	482	40.81	499	43.98	<b>515</b>	<b>47.19</b>	<b>531</b>	<b>50.42</b>	546	53.69	561	56.97	575	60.29	589	63.63
29440	3200	472	41.13	489	44.43	506	47.76	522	51.13	537	54.52	<b>552</b>	<b>57.94</b>	<b>567</b>	<b>61.39</b>	581	64.87	595	68.37
31280	3400	480	44.81	497	48.30	513	51.79	529	55.31	544	58.86	559	62.44	574	66.05	<b>588</b>	<b>69.69</b>	<b>601</b>	<b>73.35</b>
33120	3600	487	48.72	504	52.39	520	56.07	536	59.76	551	63.47	566	67.21	580	70.97	594	74.76	608	78.58
34960	3800	495	52.87	512	56.72	528	60.58	544	64.46	559	68.35	573	72.24	587	76.17	601	80.11	615	84.09
36800	4000	503	57.30	520	61.31	536	65.35	551	69.41	566	73.48	580	77.56	595	81.65	608	85.76	622	89.89
38640	4200	512	62.02	528	66.19	544	70.39	559	74.63	574	78.88	588	83.14	602	87.42	616	91.71	629	96.00
40480	4400	520	67.05	536	71.38	552	75.74	567	80.14	581	84.56	596	89.00	609	93.46	623	97.93	636	102.40
42320	4600	529	72.42	545	76.89	560	81.41	575	85.96	589	90.55	604	95.16	617	99.79	631	104.40	644	109.10
44160	4800	538	78.13	554	82.75	569	87.42	583	92.13	598	96.87	612	101.60	625	106.40	638	111.30	651	116.10
46000	5000	548	84.20	563	88.98	578	93.79	592	98.65	606	103.50	620	108.50	633	113.40	646	118.40	659	123.40
47840	5200	557	90.63	572	95.57	587	100.50	601	105.50	615	110.60	628	115.70	641	120.80	654	125.90	667	131.10
49680	5400	567	97.43	582	102.50	596	107.70	610	112.80	623	118.00	637	123.30	650	128.50	663	133.80	675	139.10
51520	5600	577	104.60	591	109.90	605	115.20	619	120.50	633	125.90	646	131.30	659	136.70	671	142.10	684	147.60
53360	5800	587	112.20	601	117.70	615	123.10	628	128.60	642	134.10	655	139.70	667	145.20	680	150.80	692	156.40
55200	6000	597	120.20	611	125.80	625	131.50	638	137.10	651	142.80	664	148.50	676	154.20	689	160.00	701	165.70
57040	6200	607	128.60	621	134.40	635	140.30	648	146.10	661	151.90	673	157.80	686	163.70	698	169.60	710	175.50
58880	6400	618	137.40	631	143.50	645	149.50	658	155.50	670	161.50	683	167.50	695	173.60	707	179.60	719	185.70
60720	6600	628	146.70	642	152.90	655	159.10	668	165.30	680	171.50	692	177.70	704	183.90	716	190.10	728	196.40
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
16560	1800	590	44.41	617	49.48	643	54.70	668	60.03	692	65.49	716	71.05	738	76.73	760	82.51	782	88.40
18400	2000	593	48.25	620	53.53	646	58.94	671	64.49	695	70.19	718	76.00	741	81.93	762	87.96	784	94.09
20240	2200	597	52.33	624	57.90	649	63.56	674	69.34	698	75.23	721	81.24	743	87.38	765	93.65	786	100.00
22080	2400	601	56.56	628	62.47	653	68.45	678	74.51	701	80.66	724	86.91	746	93.26	768	99.72	789	106.30
23920	2600	606	60.96	632	67.19	657	73.50	682	79.91	705	86.37	728	92.91	750	99.53	771	106.20	792	113.00
25760	2800	611	65.56	637	72.10	662	78.74	686	85.46	709	92.26	732	99.13	754	106.10	775	113.10	795	120.20
27600	3000	616	70.38	642	77.23	667	84.18	691	91.21	714	98.33	736	105.50	758	112.80	779	120.10	799	127.50
29440	3200	622	75.43	648	82.60	672	89.85	696	97.20	719	104.60	741	112.10	762	119.70	783	127.40	804	135.10
31280	3400	628	80.73	653	88.21	678	95.78	701	103.40	724	111.20	746	119.00	767	126.90	788	134.90	808	142.90
33120	3600	634	86.29	659	94.09	683	102.00	707	109.90	729	118.0								



# Performance Data - Type AH

IndustraCon

## 7-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
12 1/4"	3.21'	7"	.25 sq. ft.	6 1/8" x 6 13/16"	0.27 sq. ft.

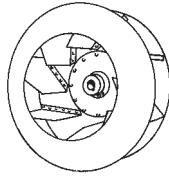
Legend:  = AH15  = AH17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
270	1000	847	0.04	1109	0.07	1336	0.11	1537	0.15	1717	0.20	1880	0.24	2030	0.29	2169	0.35		
324	1200	902	0.05	<b>1146</b>	<b>0.09</b>	1354	0.13	1545	0.17	1720	0.22	1882	0.27	2031	0.33	2171	0.38	2301	0.44
378	1400	962	0.06	1194	0.10	<b>1389</b>	<b>0.15</b>	1565	0.20	1731	0.25	1887	0.31	2034	0.36	2172	0.42	2303	0.49
432	1600	1024	0.08	1247	0.12	1433	0.17	1601	0.23	1755	0.28	1902	0.34	2043	0.40	2178	0.47	2306	0.53
486	1800	1087	0.09	1305	0.15	1484	0.20	<b>1643</b>	<b>0.26</b>	1791	0.32	1930	0.38	2062	0.44	2191	0.51	2315	0.58
540	2000	1152	0.11	1366	0.18	1538	0.24	1692	0.30	<b>1834</b>	<b>0.36</b>	1968	0.42	2094	0.49	2215	0.56	2332	0.64
594	2200	1218	0.14	1428	0.20	1597	0.27	1746	0.34	1882	0.41	<b>2010</b>	<b>0.47</b>	<b>2133</b>	<b>0.55</b>	2249	0.62	2361	0.70
648	2400	1286	0.16	1490	0.24	1658	0.31	1802	0.38	1935	0.46	2059	0.53	2176	0.61	<b>2290</b>	<b>0.68</b>	2398	0.76
702	2600	1355	0.19	1554	0.27	1719	0.35	1861	0.43	1990	0.51	2111	0.59	2225	0.67	2334	0.75	<b>2439</b>	<b>0.83</b>
756	2800	1426	0.23	1619	0.31	1781	0.40	1922	0.49	2048	0.57	2166	0.66	2277	0.74	2383	0.83	2485	0.91
810	3000	1498	0.27	1685	0.36	1843	0.45	1983	0.54	2109	0.64	2223	0.73	2332	0.82	2436	0.91	2535	1.00
864	3200	1571	0.32	1752	0.41	1907	0.51	2045	0.61	2170	0.70	2283	0.80	2389	0.90	2490	0.99	2588	1.09
918	3400	1644	0.37	1820	0.46	1972	0.57	2108	0.67	2231	0.78	2344	0.88	2448	0.98	2547	1.09	2642	1.19
972	3600	1719	0.43	1889	0.53	2038	0.63	2171	0.74	2293	0.86	2405	0.97	2509	1.08	2606	1.18	2699	1.29
1026	3800	1794	0.49	1959	0.59	2104	0.70	2235	0.82	2355	0.94	2466	1.06	2570	1.17	2666	1.29	2758	1.40
1080	4000	1870	0.56	2030	0.67	2172	0.78	2300	0.90	2418	1.03	2528	1.15	2631	1.27	2727	1.40	2818	1.52
1134	4200	1947	0.63	2102	0.75	2240	0.87	2366	0.99	2482	1.12	2591	1.25	2692	1.38	2788	1.51	2879	1.64
1188	4400	2024	0.72	2174	0.84	2309	0.96	2433	1.09	2547	1.22	2654	1.36	2755	1.50	2849	1.63	2940	1.77
1242	4600	2101	0.81	2247	0.93	2379	1.06	2500	1.19	2613	1.33	2718	1.47	2817	1.62	2911	1.76	3001	1.90
1296	4800	2179	0.90	2321	1.04	2450	1.17	2568	1.31	2679	1.45	2783	1.60	2881	1.74	2974	1.89	3062	2.04
1350	5000	2258	1.01	2395	1.15	2521	1.28	2637	1.43	2746	1.57	2848	1.72	2945	1.88	3037	2.03	3125	2.19
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
378	1400	2427	0.55	2544	0.62	2656	0.69	2764	0.76	2868	0.83	2968	0.90	3065	0.97	3159	1.05		
432	1600	2429	0.60	2546	0.67	2658	0.74	2766	0.82	2869	0.89	2969	0.97	3065	1.05	3159	1.13	3250	1.21
486	1800	2434	0.65	2549	0.73	2660	0.80	2767	0.88	2871	0.96	2970	1.04	3067	1.13	3160	1.21	3251	1.29
540	2000	2447	0.71	2559	0.79	2667	0.87	2772	0.95	2874	1.03	2973	1.12	3069	1.21	3162	1.29	3252	1.38
594	2200	2470	0.77	2576	0.86	2681	0.94	2782	1.02	2882	1.11	2979	1.20	3073	1.29	3165	1.38	3255	1.47
648	2400	2503	0.84	2604	0.93	2703	1.01	2801	1.10	2896	1.19	2990	1.28	3082	1.38	3172	1.47	3261	1.57
702	2600	2541	0.92	2640	1.01	2735	1.10	2828	1.19	2920	1.28	3010	1.37	3098	1.47	3186	1.57	3272	1.67
756	2800	<b>2584</b>	<b>1.00</b>	<b>2680</b>	<b>1.09</b>	2773	1.19	2863	1.28	2951	1.38	3038	1.47	3123	1.57	3207	1.67	3289	1.78
810	3000	2631	1.09	2724	1.19	<b>2814</b>	<b>1.28</b>	2903	1.38	2989	1.48	3073	1.58	3155	1.68	3236	1.79	3315	1.89
864	3200	2681	1.19	2772	1.29	2860	1.39	<b>2946</b>	<b>1.49</b>	<b>3030</b>	<b>1.59</b>	3112	1.70	3192	1.80	3271	1.91	3348	2.02
918	3400	2734	1.29	2823	1.40	2909	1.50	2992	1.60	3074	1.71	<b>3154</b>	<b>1.82</b>	<b>3233</b>	<b>1.93</b>	3310	2.04	3386	2.15
972	3600	2789	1.40	2876	1.51	2960	1.62	3042	1.73	3122	1.84	3200	1.95	3277	2.06	<b>3352</b>	<b>2.18</b>	<b>3426</b>	<b>2.29</b>
1026	3800	2846	1.52	2931	1.63	3014	1.75	3094	1.86	3173	1.98	3249	2.09	3324	2.21	3397	2.33	3470	2.44
1080	4000	2905	1.64	2988	1.76	3069	1.88	3148	2.00	3226	2.12	3301	2.24	3374	2.36	3446	2.48	3516	2.61
1134	4200	2965	1.76	3047	1.89	3126	2.02	3204	2.14	3280	2.27	3354	2.40	3426	2.52	3497	2.65	3566	2.78
1188	4400	3025	1.90	3107	2.03	3185	2.16	3261	2.29	3335	2.43	3408	2.56	3480	2.69	3549	2.83	3618	2.96
1242	4600	3086	2.04	3168	2.18	3245	2.32	3320	2.45	3393	2.59	3465	2.73	3534	2.87	3603	3.01	3671	3.15
1296	4800	3147	2.19	3228	2.33	3306	2.48	3381	2.62	3453	2.76	3523	2.91	3591	3.05	3659	3.20	3725	3.34
1350	5000	3209	2.34	3289	2.49	3367	2.64	3441	2.79	3513	2.94	3582	3.09	3650	3.24	3716	3.39	3781	3.54
1404	5200	3270	2.50	3350	2.66	3427	2.82	3502	2.98	3573	3.13	3642	3.29	3709	3.44	3775	3.60	3839	3.75
1458	5400	3333	2.67	3412	2.83	3489	3.00	3563	3.16	3634	3.33	3703	3.49	3770	3.65	3834	3.81	3898	3.97
1512	5600	3396	2.84	3475	3.02	3550	3.19	3624	3.36	3695	3.53	3764	3.70	3830	3.87	3895	4.03	3957	4.20
1566	5800	3459	3.03	3537	3.21	3612	3.39	3685	3.56	3756	3.74	3824	3.92	3891	4.09	3955	4.27	4018	4.44
1620	6000	3523	3.22	3601	3.41	3675	3.59	3747	3.77	3817	3.96	3885	4.14	3951	4.32	4016	4.50	4078	4.68
1674	6200	3588	3.43	3664	3.61	3738	3.80	3810	4.00	3879	4.19	3947	4.38	4012	4.56	4076	4.75		
1728	6400	3653	3.64	3729	3.83	3802	4.03	3873	4.22	3941	4.42	4008	4.62						
1782	6600	3719	3.86	3793	4.06	3866	4.26	3936	4.46	4004	4.67								
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
486	1800	3425	1.47	3591	1.65	3749	1.83												
540	2000	3427	1.56	3592	1.75	3750	1.95	3902	2.14	4048	2.35								
594	2200	3428	1.66	3593	1.86	3752	2.06	3903	2.27	4049	2.48	4189	2.69	4325	2.91				
648	2400	3432	1.77	3596	1.97	3753	2.18	3904	2.39	4050	2.61	4190	2.83	4326	3.06	4457	3.29	4585	3.52
702	2600	3439	1.88	3600	2.09	3756	2.30	3906	2.52	4051	2.75	4191	2.98	4327	3.21	4458	3.45	4586	3.69
756	2800	3452	1.99	3610	2.21	3762	2.43	3911	2.66	4054	2.89	4193	3.13	4328	3.37	4459	3.62	4587	3.87
810	3000	3472	2.11	3624	2.34	3774	2.57	3919	2.80	4060	3.04	4198	3.29	4331	3.54	4461	3.79	4588	4.05
864	3200	3499	2.24	3646	2.47	3790	2.71	3932	2.95	4070	3.20	4205	3.45	4337	3.71	4466	3.97		
918	3400	3532	2.38	3675	2.62	3814	2.86	3951	3.11	4086	3.36	4218	3.62	4347	3.88	4473	4.15		
972	3600	3570	2.53	3709	2.77	3845	3.02	3977	3.27	4107	3.53	4235	3.80	4361	4.07	4485	4.34		
1026	3800	<b>3611</b>	<b>2.69</b>	3748	2.94	3880	3.19	4009	3.45	4135	3.72	4259	3.99	4381	4.26	4502	4.54		
1080	4000	3654	2.86	<b>3789</b>	<b>3.11</b>	3919	3.37	4045	3.64	4168	3.91	4289	4.19	4408	4.47				
1134	420																		

# Type AH - Performance Data

IndustraCon

# 9-61

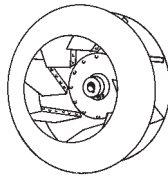


WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
15 <sup>5</sup> / <sub>8</sub> "	4.09'	9"	.42 sq. ft.	7 <sup>3</sup> / <sub>4</sub> " x 8 <sup>5</sup> / <sub>8</sub> "	0.44 sq. ft.

Legend:  = AH15  = AH17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
440	1000	664	0.06	869	0.11	1047	0.18	1205	0.25	1346	0.32	1474	0.40	1591	0.48	1701	0.56		
528	1200	707	0.08	<b>899</b>	<b>0.14</b>	1062	0.21	1211	0.28	1349	0.36	1475	0.45	1593	0.53	1702	0.63	1804	0.72
616	1400	754	0.10	936	0.17	<b>1089</b>	<b>0.24</b>	1227	0.32	1357	0.41	1480	0.50	1595	0.59	1703	0.69	1806	0.79
704	1600	802	0.12	978	0.20	1123	0.28	<b>1255</b>	<b>0.37</b>	1376	0.46	1491	0.55	1602	0.65	1707	0.76	1808	0.87
792	1800	852	0.15	1023	0.24	1163	0.33	1288	0.42	<b>1404</b>	<b>0.52</b>	1513	0.62	1617	0.72	1717	0.83	1815	0.95
880	2000	903	0.18	1071	0.28	1206	0.38	1327	0.48	1438	0.58	1543	0.69	1642	0.80	1736	0.92	1829	1.04
968	2200	955	0.22	1119	0.33	1252	0.44	1369	0.55	1476	0.66	<b>1576</b>	<b>0.77</b>	<b>1672</b>	<b>0.89</b>	1763	1.01	1851	1.13
1056	2400	1008	0.27	1168	0.39	1300	0.51	1413	0.62	1517	0.74	1614	0.86	1706	0.98	<b>1795</b>	<b>1.11</b>	<b>1880</b>	<b>1.24</b>
1144	2600	1063	0.32	1218	0.45	1348	0.58	1459	0.70	1560	0.83	1655	0.96	1745	1.09	1830	1.22	1913	1.36
1232	2800	1118	0.38	1269	0.51	1396	0.65	1507	0.79	1606	0.93	1698	1.07	1786	1.21	1869	1.35	1948	1.49
1320	3000	1174	0.44	1321	0.58	1445	0.73	1555	0.89	1653	1.03	1743	1.18	1828	1.33	1910	1.48	1988	1.63
1408	3200	1231	0.52	1373	0.67	1495	0.82	1603	0.99	1701	1.15	1790	1.30	1873	1.46	1952	1.62	2029	1.78
1496	3400	1289	0.60	1427	0.76	1546	0.92	1652	1.09	1749	1.27	1838	1.43	1919	1.60	1997	1.77	2071	1.93
1584	3600	1348	0.69	1481	0.85	1598	1.03	1702	1.21	1797	1.39	1885	1.57	1967	1.75	2043	1.93	2116	2.10
1672	3800	1407	0.79	1536	0.96	1650	1.15	1752	1.34	1846	1.53	1933	1.72	2015	1.91	2091	2.09	2162	2.28
1760	4000	1466	0.91	1592	1.09	1703	1.27	1803	1.47	1896	1.67	1982	1.87	2063	2.07	2138	2.27	2209	2.47
1848	4200	1526	1.03	1648	1.22	1756	1.41	1855	1.62	1946	1.83	2031	2.04	2111	2.25	2186	2.46	2257	2.67
1936	4400	1587	1.16	1705	1.36	1810	1.56	1907	1.77	1997	1.99	2081	2.21	2160	2.43	2234	2.65	2305	2.87
2024	4600	1647	1.31	1762	1.52	1865	1.72	1960	1.94	2048	2.17	2131	2.40	2209	2.63	2283	2.86	2353	3.09
2112	4800	1709	1.47	1820	1.69	1921	1.90	2014	2.12	2100	2.36	2182	2.60	2259	2.84	2331	3.08	2401	3.32
2200	5000	1770	1.64	1878	1.87	1976	2.09	2068	2.32	2153	2.56	2233	2.81	2309	3.05	2381	3.31	2450	3.56
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
616	1400	1902	0.90	1995	1.00	2082	1.12	2167	1.23	2248	1.35	2327	1.46	2403	1.58	2477	1.71		
704	1600	1904	0.98	1996	1.09	2084	1.21	2168	1.33	2249	1.45	2328	1.58	2403	1.71	2476	1.84	2548	1.97
792	1800	1908	1.07	1999	1.19	2086	1.31	2170	1.44	2251	1.56	2329	1.70	2404	1.83	2478	1.97	2549	2.11
880	2000	1919	1.16	2006	1.29	2091	1.42	2173	1.55	2253	1.68	2331	1.82	2406	1.96	2479	2.10	2550	2.25
968	2200	1936	1.26	2020	1.39	2102	1.53	2181	1.67	2259	1.81	2335	1.95	2409	2.10	2481	2.25	2552	2.40
1056	2400	1962	1.37	2042	1.51	2119	1.65	2196	1.79	2271	1.94	2344	2.09	2417	2.24	2487	2.40	2556	2.55
1144	2600	1992	1.50	2069	1.64	2144	1.78	2217	1.93	2289	2.08	2360	2.24	2429	2.39	2498	2.56	2565	2.72
1232	2800	<b>2026</b>	<b>1.63</b>	<b>2101</b>	<b>1.78</b>	2174	1.93	2245	2.08	2314	2.24	2382	2.40	2448	2.56	2514	2.72	2579	2.89
1320	3000	2063	1.78	2135	1.93	<b>2206</b>	<b>2.09</b>	2276	2.25	2343	2.41	2409	2.57	2474	2.74	2537	2.91	2599	3.08
1408	3200	2102	1.94	2173	2.09	2242	2.26	<b>2309</b>	<b>2.42</b>	<b>2375</b>	<b>2.59</b>	2440	2.76	2503	2.93	2564	3.11	2625	3.28
1496	3400	2144	2.10	2213	2.27	2280	2.44	2346	2.61	2410	2.78	<b>2473</b>	<b>2.96</b>	<b>2535</b>	<b>3.14</b>	2595	3.32	2654	3.50
1584	3600	2186	2.28	2255	2.46	2321	2.64	2385	2.81	2448	2.99	2509	3.17	2569	3.36	<b>2628</b>	<b>3.54</b>	<b>2686</b>	<b>3.73</b>
1672	3800	2231	2.47	2298	2.65	2363	2.84	2426	3.03	2487	3.22	2547	3.40	2606	3.59	2663	3.78	2720	3.98
1760	4000	2277	2.66	2342	2.86	2406	3.05	2468	3.25	2529	3.45	2588	3.65	2645	3.84	2702	4.04	2757	4.24
1848	4200	2324	2.87	2389	3.08	2451	3.28	2512	3.49	2571	3.69	2629	3.90	2686	4.11	2741	4.31	2796	4.52
1936	4400	2372	3.09	2436	3.30	2497	3.52	2557	3.73	2615	3.95	2672	4.16	2728	4.38	2783	4.60	2836	4.81
2024	4600	2420	3.32	2483	3.54	2544	3.77	2603	3.99	2660	4.22	2716	4.44	2771	4.67	2825	4.89	2878	5.12
2112	4800	2467	3.56	2531	3.79	2592	4.03	2650	4.26	2707	4.50	2762	4.73	2816	4.96	2868	5.20	2920	5.43
2200	5000	2515	3.81	2579	4.06	2640	4.30	2698	4.55	2754	4.79	2808	5.03	2861	5.28	2913	5.52	2964	5.76
2288	5200	2564	4.07	2627	4.33	2687	4.59	2745	4.84	2802	5.10	2856	5.35	2908	5.60	2959	5.85	3009	6.11
2376	5400	2613	4.34	2675	4.61	2735	4.88	2793	5.15	2849	5.41	2903	5.68	2955	5.94	3006	6.20	3056	6.46
2464	5600	2662	4.63	2724	4.91	2783	5.19	2841	5.47	2897	5.74	2951	6.02	3003	6.29	3053	6.56	3103	6.83
2552	5800	2712	4.93	2773	5.22	2832	5.51	2889	5.80	2944	6.09	2998	6.37	3050	6.66	3101	6.94	3150	7.22
2640	6000	2762	5.24	2823	5.54	2881	5.84	2938	6.14	2993	6.44	3046	6.74	3098	7.03	3148	7.33	3197	7.62
2728	6200	2813	5.57	2873	5.88	2931	6.19	2987	6.50	3041	6.81	3094	7.12	3146	7.43	3196	7.73	3245	8.03
2816	6400	2864	5.92	2923	6.24	2980	6.55	3036	6.87	3090	7.19	3143	7.51	3194	7.83	3244	8.15	3292	8.46
2904	6600	2915	6.28	2974	6.61	3031	6.93	3086	7.26	3139	7.59	3191	7.92	3242	8.25	3292	8.58	3340	8.90
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
792	1800	2685	2.39	2815	2.68	2940	2.98												
880	2000	2687	2.55	2816	2.85	2940	3.17	3059	3.49	3173	3.82								
968	2200	2688	2.71	2817	3.03	2941	3.35	3060	3.69	3174	4.03	3284	4.38	3391	4.73				
1056	2400	2690	2.88	2819	3.21	2942	3.55	3061	3.89	3175	4.25	3285	4.61	3392	4.98	3495	5.35	3595	5.73
<b>1144</b>	<b>2600</b>	2696	3.05	2823	3.40	2945	3.75	3062	4.11	3176	4.47	3286	4.85	3392	5.23	3495	5.61	3595	6.01
1232	2800	2706	3.24	2830	3.59	2950	3.96	3066	4.33	3178	4.71	3287	5.09	3393	5.48	3496	5.88	3596	6.29
1320	3000	2722	3.44	2842	3.80	2958	4.18	3072	4.56	3183	4.95	3291	5.35	3396	5.75	3498	6.16	3597	6.58
1408	3200	2743	3.65	2859	4.02	2972	4.41	3083	4.80	3191	5.20	3297	5.61	3400	6.03	3501	6.45	3600	6.88
1496	3400	2769	3.87	2881	4.26	2990	4.65												

# 11-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
19 1/8"	5.01'	11"	.62 sq. ft.	9 7/16" x 10 9/16"	0.66 sq. ft.

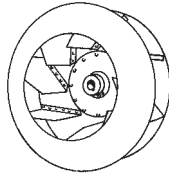
Legend:  = AH15  = AH17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
660	1000	<b>532</b>	<b>0.08</b>	707	0.15	852	0.23	977	0.31	1088	0.40	1190	0.48	1284	0.58	1371	0.67	1454	0.77
792	1200	560	0.10	726	0.18	864	0.27	985	0.37	1095	0.46	1195	0.56	1288	0.66	1374	0.77	1456	0.88
924	1400	592	0.12	<b>750</b>	<b>0.22</b>	882	0.32	999	0.42	1105	0.53	1203	0.65	1294	0.76	1380	0.87	1461	0.99
1056	1600	627	0.15	777	0.26	<b>904</b>	<b>0.37</b>	1016	0.49	1119	0.61	1214	0.73	1303	0.86	1388	0.98	1467	1.11
1188	1800	665	0.19	808	0.31	929	0.43	1038	0.55	1137	0.68	1229	0.82	1316	0.95	1398	1.09	1477	1.24
1320	2000	704	0.23	840	0.36	958	0.49	<b>1062</b>	<b>0.63</b>	1158	0.77	1248	0.91	1332	1.06	1413	1.21	1489	1.36
1452	2200	745	0.28	875	0.42	988	0.56	1090	0.71	<b>1183</b>	<b>0.86</b>	1270	1.01	1352	1.17	1430	1.33	1504	1.50
1584	2400	787	0.34	912	0.48	1021	0.64	1119	0.80	1209	0.96	<b>1294</b>	<b>1.12</b>	1374	1.29	1450	1.46	1522	1.63
1716	2600	830	0.40	950	0.56	1054	0.72	1150	0.89	1238	1.06	1320	1.24	<b>1398</b>	<b>1.42</b>	1472	1.60	1543	1.78
1848	2800	874	0.47	989	0.64	1090	0.81	1183	1.00	1269	1.18	1349	1.37	1425	1.55	<b>1497</b>	<b>1.75</b>	<b>1566</b>	<b>1.94</b>
1980	3000	919	0.56	1030	0.74	1128	0.92	1217	1.11	1301	1.30	1379	1.50	1453	1.70	1523	1.90	1591	2.11
2112	3200	965	0.65	1071	0.84	1166	1.03	1252	1.23	1334	1.44	1410	1.65	1483	1.86	1552	2.07	1618	2.29
2244	3400	1011	0.76	1113	0.96	1205	1.16	1289	1.37	1368	1.58	1443	1.80	1514	2.03	1582	2.25	1646	2.48
2376	3600	1058	0.87	1156	1.08	1245	1.30	1327	1.52	1403	1.74	1476	1.97	1546	2.20	1613	2.44	1676	2.68
2508	3800	1105	1.00	1200	1.22	1286	1.45	1366	1.68	1441	1.91	1511	2.15	1579	2.39	1644	2.64	1707	2.89
2640	4000	1153	1.14	1244	1.37	1328	1.61	1406	1.85	1479	2.09	1547	2.34	1613	2.59	1677	2.85	1739	3.11
2772	4200	1201	1.29	1289	1.54	1370	1.79	1446	2.04	1517	2.29	1585	2.55	1649	2.81	1711	3.08	1771	3.35
2904	4400	1250	1.46	1334	1.72	1413	1.98	1487	2.24	1557	2.50	1623	2.77	1685	3.04	1746	3.32	1805	3.60
3036	4600	1299	1.65	1380	1.91	1457	2.18	1529	2.46	1597	2.73	1661	3.01	1723	3.29	1782	3.57	1839	3.86
3168	4800	1348	1.85	1427	2.12	1501	2.40	1571	2.69	1637	2.97	1701	3.26	1761	3.55	1819	3.85	1875	4.14
3300	5000	1398	2.06	1473	2.35	1545	2.64	1614	2.94	1679	3.23	1740	3.53	1800	3.83	1857	4.14	1911	4.44
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
924	1400	1537	1.11	1611	1.23	1681	1.36	1748	1.49	1813	1.62	1876	1.75	1937	1.88	1996	2.02	2053	2.16
1056	1600	1543	1.25	1616	1.38	1685	1.51	1752	1.65	1816	1.79	1879	1.93	1939	2.07	1998	2.22	2055	2.37
1188	1800	1551	1.38	1623	1.53	1692	1.67	1758	1.82	1822	1.97	1883	2.12	1943	2.28	2001	2.43	2058	2.59
1320	2000	1562	1.52	1632	1.68	1700	1.84	1765	2.00	1829	2.16	1890	2.33	1949	2.49	2007	2.65	2063	2.82
1452	2200	1576	1.66	1645	1.83	1711	2.00	1775	2.18	1837	2.35	1898	2.53	1957	2.71	2014	2.89	2069	3.06
1584	2400	1592	1.81	1660	1.99	1725	2.17	1788	2.36	1849	2.55	1908	2.74	1966	2.93	2022	3.12	2077	3.31
1716	2600	1611	1.97	1677	2.16	1741	2.35	1803	2.55	1863	2.75	1921	2.95	1978	3.15	2033	3.35	2087	3.56
1848	2800	1633	2.14	1697	2.34	1759	2.54	1820	2.75	1879	2.95	1936	3.16	1992	3.38	2046	3.59	2100	3.81
1980	3000	<b>1656</b>	<b>2.32</b>	1719	2.53	1780	2.74	1839	2.95	1897	3.17	1953	3.39	2008	3.61	2062	3.84	2114	4.06
2112	3200	1682	2.50	<b>1743</b>	<b>2.73</b>	1803	2.95	1861	3.17	1917	3.40	1973	3.63	2026	3.86	2079	4.10	2130	4.33
2244	3400	1709	2.70	1769	2.93	<b>1828</b>	<b>3.17</b>	<b>1885</b>	<b>3.40</b>	1940	3.64	1994	3.88	2047	4.12	2098	4.37	2149	4.61
2376	3600	1737	2.92	1796	3.16	1854	3.40	1910	3.65	<b>1964</b>	<b>3.89</b>	2017	4.14	2069	4.40	2119	4.65	2169	4.91
2508	3800	1767	3.14	1825	3.39	1881	3.64	1936	3.90	1989	4.16	<b>2042</b>	<b>4.42</b>	<b>2092</b>	<b>4.68</b>	2142	4.95	2191	5.21
2640	4000	1798	3.38	1855	3.64	1910	3.90	1964	4.17	2016	4.44	2067	4.71	2117	4.98	<b>2167</b>	<b>5.25</b>	<b>2214</b>	<b>5.53</b>
2772	4200	1829	3.62	1886	3.90	1940	4.17	1993	4.45	2044	4.73	2094	5.01	2144	5.29	2192	5.58	2239	5.86
2904	4400	1862	3.88	1917	4.17	1971	4.46	2023	4.75	2074	5.04	2123	5.33	2171	5.62	2219	5.91	2265	6.21
3036	4600	1895	4.16	1950	4.46	2003	4.76	2054	5.06	2104	5.36	2152	5.66	2200	5.96	2247	6.27	2292	6.57
3168	4800	1929	4.45	1983	4.76	2035	5.07	2086	5.38	2135	5.69	2183	6.01	2230	6.32	2276	6.64	2321	6.95
3300	5000	1965	4.75	2017	5.07	2068	5.39	2118	5.72	2167	6.04	2214	6.37	2260	6.69	2306	7.02	2350	7.35
3432	5200	2001	5.08	2052	5.40	2102	5.73	2151	6.07	2199	6.41	2246	6.74	2292	7.08	2336	7.42	2380	7.76
3564	5400	2038	5.43	2088	5.76	2137	6.09	2185	6.44	2232	6.78	2278	7.13	2323	7.48	2368	7.84	2411	8.19
3696	5600	2076	5.79	2125	6.13	2172	6.48	2219	6.83	2266	7.18	2311	7.54	2356	7.90	2399	8.27	2442	8.63
3828	5800	2114	6.17	2162	6.53	2209	6.88	2255	7.24	2300	7.60	2345	7.97	2389	8.34	2432	8.71	2474	9.09
3960	6000	2153	6.58	2200	6.94	2247	7.30	2292	7.67	2336	8.04	2380	8.41	2423	8.79	2465	9.18	2507	9.56
4092	6200	2192	7.00	2239	7.37	2285	7.75	2329	8.12	2372	8.50	2415	8.88	2457	9.27	2499	9.66	<b>2540</b>	<b>10.06</b>
4224	6400	2232	7.44	2278	7.83	2323	8.21	2367	8.60	2410	8.99	2451	9.38	2493	9.77	2534	10.17	2574	10.57
4356	6600	2272	7.91	2317	8.30	2362	8.70	2405	9.10	2447	9.49	2489	9.89	2529	10.29	2569	10.70	2609	11.11
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1188	1800	2167	2.91	2270	3.23	2370	3.57	2465	3.91	2557	4.27	2645	4.63	2731	5.00	2814	5.37		
1320	2000	2171	3.16	2274	3.50	2372	3.86	2467	4.22	2558	4.58	2646	4.96	2732	5.34	2814	5.73		
1452	2200	2176	3.42	2278	3.79	2376	4.16	2470	4.54	2561	4.92	2649	5.31	2734	5.71	2816	6.11	2896	6.52
1584	2400	2183	3.70	2285	4.09	2382	4.48	2475	4.88	2565	5.28	2653	5.69	2737	6.10	2819	6.52	2899	6.95
1716	2600	2192	3.97	2292	4.39	2389	4.81	2481	5.23	2571	5.65	2658	6.08	2741	6.52	2823	6.95	2902	7.40
1848	2800	2203	4.24	2302	4.69	2397	5.13	2489	5.58	2579	6.03	2664	6.48	2747	6.94	2828	7.40	2907	7.86
1980	3000	2215	4.52	2313	4.99	2407	5.46	2498	5.94	2586	6.41	2671	6.89	2754	7.37	2834	7.86	2912	8.34
2112	3200	2230	4.81	2326	5.30	2419	5.79	2509	6.29	2596	6.79	2680	7.30	2762	7.81	2842	8.32	2919	8.83
2244	3400	2247	5.11	2342	5.62	2433	6.13	2521	6.65	2607	7.18	2690	7.71	2772	8.24	2851	8.78	2928	9.32
2376	3600	2265	5.42	2359	5.95	2449	6.48	2536	7.02	2620	7.57	2703	8.12	2783	8.68	2861	9.24	2937	9.80
2508	3800	2286	5.75	2377	6.29	2466	6.85	2552	7.41	2635									

# Type AH - Performance Data

IndustraCon

# 13-61



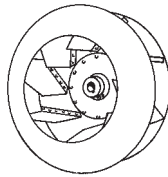
WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
22 <sup>5</sup> / <sub>8</sub> "	5.92'	13"	.87 sq. ft.	11 <sup>1</sup> / <sub>4</sub> " x 12 <sup>7</sup> / <sub>8</sub> "	0.93 sq. ft.

Legend:  = AH15  = AH17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
930	1000	449	0.11	598	0.21	720	0.32	826	0.44	920	0.56	1006	0.68	1085	0.81	1159	0.94	1229	1.08
1116	1200	473	0.14	614	0.26	730	0.38	833	0.51	926	0.65	1010	0.79	1088	0.93	1162	1.08	1231	1.23
1302	1400	500	0.17	634	0.31	745	0.45	844	0.59	934	0.75	1017	0.90	1094	1.06	1166	1.22	1235	1.39
1488	1600	530	0.22	657	0.36	764	0.52	859	0.68	946	0.85	1026	1.02	1102	1.20	1173	1.38	1240	1.56
1674	1800	562	0.27	683	0.43	785	0.60	877	0.77	961	0.96	1039	1.14	1113	1.34	1182	1.53	1248	1.73
1860	2000	595	0.32	710	0.50	810	0.39	898	0.88	979	1.07	1055	1.27	1126	1.48	1194	1.69	1259	1.91
2046	2200	630	0.39	739	0.58	835	0.78	921	0.99	1000	1.20	1073	1.42	1143	1.64	1209	1.86	1272	2.09
2232	2400	665	0.47	771	0.68	863	0.89	946	1.11	1022	1.34	1094	1.57	1161	1.80	1225	2.04	1287	2.29
2418	2600	702	0.56	803	0.78	891	1.01	972	1.25	1047	1.49	1116	1.73	1182	1.98	1245	2.24	1304	2.49
2604	2800	739	0.66	836	0.90	921	1.14	1000	1.39	1073	1.65	1140	1.91	1204	2.18	1265	2.44	1324	2.72
2790	3000	777	0.78	870	1.03	953	1.29	1028	1.55	1099	1.83	1166	2.10	1228	2.38	1288	2.66	1345	2.95
2976	3200	815	0.91	905	1.18	986	1.45	1058	1.72	1127	2.01	1192	2.31	1253	2.60	1312	2.90	1368	3.20
3162	3400	855	1.06	941	1.34	1019	1.62	1090	1.91	1156	2.21	1220	2.52	1280	2.84	1337	3.15	1392	3.47
3348	3600	894	1.22	977	1.51	1053	1.82	1122	2.12	1186	2.43	1248	2.76	1307	3.08	1363	3.42	1417	3.75
3534	3800	934	1.40	1014	1.71	1087	2.03	1155	2.35	1218	2.67	1277	3.00	1335	3.35	1390	3.70	1443	4.04
3720	4000	975	1.59	1052	1.92	1123	2.25	1188	2.59	1250	2.93	1308	3.27	1364	3.63	1418	3.99	1470	4.36
3906	4200	1015	1.81	1090	2.15	1158	2.50	1222	2.85	1283	3.21	1339	3.57	1394	3.93	1446	4.31	1497	4.69
4092	4400	1056	2.05	1128	2.40	1195	2.77	1257	3.13	1316	3.50	1372	3.88	1425	4.26	1476	4.64	1525	5.04
4278	4600	1098	2.31	1167	2.68	1231	3.05	1292	3.44	1350	3.82	1404	4.21	1456	4.60	1506	5.00	1555	5.40
4464	4800	1140	2.59	1206	2.97	1269	3.36	1328	3.76	1384	4.16	1438	4.56	1489	4.97	1537	5.38	1585	5.80
4650	5000	1182	2.89	1245	3.29	1306	3.70	1364	4.11	1419	4.52	1471	4.94	1521	5.36	1569	5.79	1616	6.22
CFM	1800	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1302	1400	1300	1.56	1361	1.73	1421	1.90	1478	2.08	1533	2.26	1586	2.45	1637	2.64	1687	2.83	1735	3.03
1488	1600	1304	1.74	1366	1.93	1424	2.12	1481	2.31	1535	2.50	1588	2.70	1639	2.90	1689	3.10	1737	3.31
1674	1800	1311	1.93	1372	2.14	1430	2.34	1486	2.55	1540	2.76	1592	2.97	1643	3.18	1692	3.40	1740	3.62
1860	2000	1320	2.13	1380	2.35	1437	2.57	1492	2.80	1546	3.03	1597	3.25	1647	3.48	1696	3.71	1744	3.95
2046	2200	1332	2.33	1390	2.56	1446	2.80	1501	3.05	1553	3.29	1604	3.54	1654	3.79	1702	4.04	1749	4.29
2232	2400	1346	2.54	1403	2.79	1458	3.04	1511	3.30	1563	3.56	1613	3.83	1662	4.10	1710	4.36	1756	4.63
2418	2600	1362	2.76	1408	3.02	1472	3.29	1524	3.57	1574	3.84	1624	4.12	1672	4.40	1719	4.69	1764	4.98
2604	2800	1380	2.99	1435	3.27	1487	3.56	1538	3.84	1588	4.13	1636	4.43	1684	4.72	1730	5.02	1775	5.33
2790	3000	1400	3.24	1453	3.54	1505	3.83	1555	4.13	1604	4.44	1651	4.75	1697	5.06	1743	5.37	1787	5.69
2976	3200	1422	3.51	1474	3.81	1524	4.13	1573	4.44	1621	4.76	1667	5.08	1713	5.41	1757	5.73	1801	6.06
3162	3400	1444	3.78	1495	4.11	1545	4.43	1593	4.76	1640	5.10	1685	5.43	1730	5.88	1774	6.11	1816	6.46
3348	3600	1468	4.08	1518	4.42	1567	4.76	1614	5.10	1660	5.45	1705	5.80	1749	6.15	1792	6.51	1833	6.87
3534	3800	1494	4.39	1543	4.75	1590	5.10	1636	5.46	1682	5.82	1725	6.18	1769	6.55	1811	6.92	1852	7.29
3720	4000	1520	4.72	1568	5.09	1615	5.46	1660	5.83	1704	6.21	1748	6.59	1790	6.97	1831	7.35	1870	7.74
3906	4200	1546	5.07	1594	5.46	1640	5.84	1685	6.23	1728	6.62	1770	7.01	1812	7.41	1853	7.80	1893	8.21
4092	4400	1574	5.44	1621	5.84	1666	6.24	1710	6.64	1753	7.05	1795	7.45	1835	7.86	1875	8.28	1915	8.69
4278	4600	1602	5.82	1648	6.24	1693	6.66	1736	7.08	1778	7.50	1819	7.92	1860	8.34	1899	8.77	1938	9.20
4464	4800	1631	6.22	1676	6.65	1720	7.09	1763	7.53	1805	7.97	1845	8.41	1885	8.84	1924	9.29	1962	9.73
4650	5000	1661	6.65	1705	7.10	1748	7.55	1790	8.00	1831	8.46	1872	8.91	1911	9.37	1949	9.82	1986	10.28
4836	5200	1691	7.11	1734	7.56	1777	8.02	1818	8.49	1859	8.96	1898	9.44	1937	9.91	1975	10.38	2012	10.86
5022	5400	1723	7.59	1765	8.06	1806	8.53	1847	9.01	1887	9.49	1926	9.98	1964	10.47	2001	10.97	2038	11.46
5208	5600	1755	8.10	1796	8.58	1836	9.06	1876	9.55	1915	10.05	1954	10.55	1991	11.06	2028	11.57	2065	12.08
5394	5800	1787	8.64	1828	9.13	1868	9.63	1906	10.13	1945	10.63	1982	11.15	2019	11.67	2056	12.19	2092	12.72
5580	6000	1820	9.20	1860	9.71	1899	10.22	1937	10.73	1975	11.25	2011	11.77	2048	12.31	2084	12.84	2119	13.38
5766	6200	1853	9.80	1893	10.32	1931	10.84	1969	11.37	2005	11.90	2041	12.43	2077	12.97	2112	13.52	2147	14.08
5952	6400	1886	10.42	1926	10.95	1964	11.49	2001	12.03	2037	12.58	2072	13.12	2107	13.67	2142	14.23	2176	14.80
6138	6600	1920	11.07	1959	11.62	1996	12.17	2033	12.73	2069	13.29	2104	13.85	2138	14.41	2172	14.97	2205	15.55
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1674	1800	1831	4.07	1919	4.52	2003	4.99	2083	5.48	2161	5.97	2236	6.48	2309	6.99	2379	7.52		
1860	2000	1835	4.42	1922	4.90	2005	5.40	2086	5.90	2163	6.41	2237	6.94	2309	7.47	2379	8.02		
2046	2200	1840	4.79	1926	5.30	2009	5.82	2088	6.35	2165	6.89	2239	7.43	2311	7.99	2381	8.56	2448	9.13
2232	2400	1846	5.17	1931	5.72	2013	6.27	2092	6.83	2169	7.39	2242	7.96	2314	8.54	2383	9.13	2450	9.72
2418	2600	1853	5.56	1938	6.14	2019	6.73	2098	7.32	2173	7.91	2246	8.51	2317	9.12	2386	9.73	2453	10.35
2604	2800	1862	5.94	1946	6.56	2026	7.18	2104	7.81	2179	8.44	2252	9.07	2322	9.71	2390	10.36	2457	11.01
2790	3000	1873	6.33	1955	6.98	2035	7.64	2112	8.31	2183	8.97	2258	9.64	2328	10.32	2396	11.00	2462	11.68
2976	3200	1885	6.73	1966	7.41	2045	8.10	2121	8.80	2194	9.51	2265	10.22	2335	10.93	2402	11.64	2468	12.36
3162	3400	1899	7.15	1979	7.86	2057	8.58	2131	9.31	2204	10.04	2274	10.78	2342	11.53	2410	12.29	2475	13.04
3348	3600	1915	7.59	1994	8.33	2070	9.07	2143	9.83	2215	10.59	2284	11.36	2352	12.14	2418	12.93	2483	13.72
3534	3800	1932	8.05	2010	8.81	2084	9.58	2157	10.37	2228	11.16	2296	11.96	2363	12.77	2428	13.58	2492	14.



# 15-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
26 <sup>1</sup> / <sub>8</sub> "	6.84'	15"	1.17 sq. ft.	12 <sup>15</sup> / <sub>16</sub> " x 14 <sup>5</sup> / <sub>16</sub> "	1.24 sq. ft.

Legend:  = AH15  = AH17

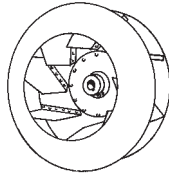
CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1240	1000	<b>389</b>	<b>0.15</b>	518	0.28	623	0.43	715	0.58	797	0.74	871	0.90	940	1.08	1004	1.25	1064	1.44
1488	1200	410	0.19	531	0.34	6333	0.51	721	0.69	802	0.87	875	1.05	943	1.24	1006	1.43	1066	1.63
1736	1400	433	0.23	<b>549</b>	<b>0.41</b>	645	0.56	731	0.79	809	1.00	881	1.21	947	1.42	1010	1.63	1069	1.85
1984	1600	459	0.29	569	0.48	<b>662</b>	<b>0.69</b>	744	0.91	819	1.13	889	1.36	954	1.60	1016	1.84	1074	2.08
2232	1800	486	0.35	591	0.57	680	0.80	760	1.03	832	1.27	900	1.52	964	1.78	1024	2.04	1081	2.31
2480	2000	515	0.43	615	0.67	701	0.91	<b>778</b>	<b>1.17</b>	848	1.43	914	1.70	975	1.97	1034	2.26	1090	2.54
2728	2200	545	0.52	640	0.78	724	1.05	798	1.32	<b>866</b>	<b>1.60</b>	929	1.89	989	2.18	1047	2.48	1101	2.79
2976	2400	576	0.63	667	0.90	747	1.19	819	1.48	885	1.78	<b>947</b>	<b>2.09</b>	1006	2.41	1061	2.72	1114	3.05
3224	2600	608	0.75	695	1.04	772	1.35	842	1.66	906	1.90	967	2.31	<b>1024</b>	<b>2.64</b>	1078	2.98	1130	3.33
3472	2800	640	0.89	724	1.20	798	1.52	866	1.86	929	2.20	987	2.55	1043	2.90	<b>1096</b>	<b>3.26</b>	<b>1147</b>	<b>3.62</b>
3720	3000	673	1.04	754	1.37	825	1.72	891	2.07	952	2.43	1010	2.80	1064	3.17	1115	3.55	1165	3.93
3968	3200	706	1.21	784	1.57	854	1.93	917	2.30	976	2.68	1033	3.08	1086	3.47	1136	3.86	1184	4.27
4216	3400	740	1.41	815	1.78	882	2.16	944	2.55	1001	2.95	1056	3.36	1108	3.78	1158	4.20	1205	4.62
4464	3600	774	1.62	846	2.02	912	2.42	972	2.83	1027	3.24	1081	3.67	1132	4.11	1180	4.55	1227	5.00
4712	3800	809	1.86	878	2.28	942	2.70	1000	3.13	1055	3.56	1106	4.01	1156	4.46	1204	4.93	1250	5.39
4960	4000	844	2.13	911	2.56	972	3.00	1029	3.45	1082	3.91	1133	4.37	1181	4.84	1228	5.32	1273	5.81
5208	4200	879	2.42	944	2.87	1003	3.33	1059	3.80	1111	4.28	1160	4.76	1207	5.24	1252	5.74	1297	6.25
5456	4400	915	2.73	977	3.21	1035	3.69	1089	4.18	1140	4.67	1188	5.17	1234	5.67	1278	6.19	1321	6.71
5704	4600	951	3.07	1010	3.57	1067	4.07	1119	4.58	1169	5.10	1216	5.61	1261	6.14	1304	6.67	1346	7.21
5952	4800	987	3.45	1044	3.96	1099	4.49	1150	5.01	1199	5.55	1245	6.09	1289	6.63	1331	7.18	1372	7.73
6200	5000	1023	3.85	1079	4.38	1131	4.93	1181	5.48	1229	6.03	1274	6.59	1317	7.15	1359	7.72	1399	8.29
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1736	1400	1125	2.07	1179	2.30	1230	2.53	1280	2.77	1327	3.01	1373	3.26	1418	3.51	1461	3.77	1503	4.04
1984	1600	1130	2.32	1183	2.57	1234	2.82	1283	3.08	1330	3.34	1375	3.60	1420	3.87	1462	4.14	1504	4.41
2232	1800	1136	2.58	1188	2.85	1238	3.12	1287	3.40	1333	3.68	1379	3.96	1423	4.25	1465	4.53	1506	4.83
2480	2000	1143	2.84	1195	3.13	1245	3.43	1292	3.73	1339	4.03	1383	4.34	1427	4.64	1469	4.95	1510	5.26
2728	2200	1154	3.10	1204	3.42	1252	3.74	1300	4.06	1345	4.39	1389	4.72	1432	5.05	1474	5.38	1515	5.72
2976	2400	1166	3.38	1215	3.72	1263	4.06	1309	4.40	1353	4.75	1397	5.10	1439	5.46	1480	5.82	1521	6.18
3224	2600	1180	3.68	1228	4.03	1274	4.39	1320	4.76	1363	5.12	1406	5.50	1448	5.87	1488	6.25	1528	6.64
3472	2800	1195	3.99	1242	4.36	1288	4.74	1332	5.12	1375	5.51	1417	5.90	1458	6.30	1498	6.70	1537	7.10
3720	3000	<b>1213</b>	<b>4.32</b>	1259	4.71	1303	5.11	1347	5.51	1389	5.92	1430	6.33	1470	6.74	1509	7.16	1548	7.58
3968	3200	1231	4.67	<b>1276</b>	<b>5.09</b>	1320	5.50	1362	5.92	1404	6.34	1444	6.77	1483	7.21	1522	7.64	1560	8.09
4216	3400	1251	5.05	1295	5.48	<b>1338</b>	<b>5.91</b>	<b>1380</b>	<b>6.35</b>	1420	6.79	1460	7.24	1498	7.69	1536	8.15	1573	8.61
4464	3600	1272	5.44	1315	5.89	1357	6.34	1398	6.80	<b>1438</b>	<b>7.27</b>	1477	7.73	1514	8.20	1552	8.68	1588	9.15
4712	3800	1293	5.86	1336	6.33	1377	6.80	1417	7.25	1456	7.76	<b>1495</b>	<b>8.25</b>	<b>1532</b>	<b>8.74</b>	1568	9.23	1604	9.72
4960	4000	1316	6.30	1358	6.79	1398	7.28	1438	7.78	1476	8.28	1513	8.78	1550	9.29	<b>1586</b>	<b>9.80</b>	<b>1621</b>	<b>10.32</b>
5208	4200	1339	6.76	1380	7.28	1420	7.79	1459	8.31	1496	8.82	1533	9.35	1569	9.87	1605	10.41	1639	10.94
5456	4400	1363	7.25	1404	7.78	1443	8.32	1481	8.86	1518	9.40	1554	9.94	1589	10.49	1624	11.03	1658	11.59
5704	4600	1387	7.76	1427	8.32	1466	8.88	1504	9.44	1540	10.00	1576	10.56	1611	11.12	1645	11.69	1678	12.26
5952	4800	1412	8.30	1451	8.87	1490	9.45	1527	10.04	1563	10.62	1598	11.21	1632	11.79	1666	12.38	1699	12.97
6200	5000	1438	8.87	1476	9.46	1514	10.06	1550	10.67	1586	11.27	1621	11.88	1655	12.49	1688	13.10	1720	13.71
6443	5200	1465	9.48	1502	10.08	1539	10.70	1575	11.32	1610	11.95	1644	12.58	1678	13.21	1710	13.85	1742	14.48
6696	5400	1492	10.12	1528	10.74	1564	11.37	1599	12.01	1634	12.66	1668	13.31	1701	13.97	1733	14.62	1765	15.28
6944	5600	1520	10.80	1555	11.44	1590	12.08	1625	12.74	1659	13.40	1692	14.07	1725	14.75	1757	15.42	1788	16.10
7192	5800	1548	11.52	1583	12.18	1617	12.84	1651	13.50	1684	14.18	1717	14.87	1749	15.56	1780	16.26	1811	16.96
7440	6000	1576	12.27	1611	12.95	1645	13.63	1678	14.31	1710	15.00	1742	15.70	1774	16.41	1805	17.12	1835	17.84
7688	6200	1605	13.06	1639	13.76	1672	14.46	1705	15.16	1737	15.86	1768	16.57	1799	17.30	1829	18.03	1859	18.77
7936	6400	1634	13.89	1668	14.61	1700	15.32	1733	16.04	1764	16.77	1795	17.49	1825	18.23	1855	18.97	1884	19.73
8184	6600	1663	14.76	1696	15.50	1729	16.23	1761	16.97	1791	17.71	1822	18.46	1851	19.21	1881	19.97	1910	20.73
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2232	1800	1586	5.42	1662	6.03	1735	6.66	1804	7.30	1872	7.96	1936	8.64	1999	9.32	2060	10.03		
2480	2000	1589	5.90	1664	6.54	1737	7.20	1806	7.87	1873	8.55	1937	9.25	2000	9.96	2060	10.69		
2728	2200	1593	6.39	1668	7.07	1740	7.77	1809	8.47	1875	9.19	1939	9.91	2001	10.65	2062	11.41	2120	12.17
2976	2400	1598	6.90	1672	7.63	1744	8.36	1812	9.10	1878	9.85	1942	10.62	2004	11.39	2064	12.17	2122	12.97
<b>3224</b>	<b>2600</b>	1605	7.41	1678	8.19	1749	8.97	1817	9.75	1882	10.55	1945	11.35	2007	12.16	2067	12.98	2124	13.80
3472	2800	1612	7.92	1685	8.75	1755	9.58	1822	10.41	1887	11.25	1950	12.10	2011	12.95	2070	13.81	2128	14.67
3720	3000	1622	8.44	1693	9.31	1762	10.19	1829	11.08	1893	11.97	1955	12.86	2016	13.76	2075	14.66	2132	15.57
3968	3200	1633	8.98	1702	6.56	1771	10.80	1836	11.73	1900	12.67	1962	13.62	2022	14.57	2080	15.52	2137	16.48
4216	3400	1645	9.54	1714	10.48	1781	11.44	1846	12.41	1909	13.39	1970	14.38	2029	15.38	2087	16.38	2143	17.39
4464	3600	1658	10.12	1727	11.10	1793	12.10	1856	13.11	1918	14.12	1975	15.15	2037	16.19	2094	17.24	2150	1



# Type AH - Performance Data

IndustraCon

# 17-61

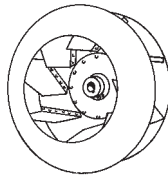


WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
29 <sup>5</sup> / <sub>8</sub> "	7.76'	17"	1.51 sq. ft.	14 <sup>5</sup> / <sub>8</sub> " x 16 <sup>3</sup> / <sub>8</sub> "	1.59 sq. ft.

Legend:  = AH15  = AH17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1590	1000	<b>343</b>	<b>0.19</b>	457	0.36	550	0.55	631	0.75	703	0.95	768	1.16	829	1.38	885	1.61	939	1.85
1908	1200	362	0.24	469	0.44	558	0.67	636	0.88	707	1.11	771	1.35	831	1.59	887	1.84	940	2.10
2226	1400	382	0.30	<b>484</b>	<b>0.53</b>	569	0.77	645	1.02	713	1.28	777	1.55	835	1.82	891	2.10	943	2.38
2544	1600	405	0.37	502	0.62	<b>583</b>	<b>0.89</b>	656	1.16	722	1.45	784	1.75	841	2.05	896	2.36	947	2.67
2862	1800	429	0.46	522	0.73	600	1.02	670	1.33	734	1.64	794	1.96	850	2.29	903	2.63	953	2.97
3180	2000	454	0.56	542	0.86	618	1.18	<b>686</b>	<b>1.50</b>	748	1.84	806	2.18	860	2.54	912	2.90	961	3.27
3498	2200	481	0.67	565	1.00	638	1.34	703	1.70	<b>764</b>	<b>2.06</b>	820	2.43	873	2.81	923	3.19	971	3.59
3816	2400	508	0.81	589	1.16	659	1.53	722	1.91	781	2.29	<b>835</b>	<b>2.69</b>	887	3.09	936	3.50	983	3.92
4134	2600	536	0.96	613	1.34	681	1.73	743	2.14	799	2.55	852	2.97	<b>903</b>	<b>3.40</b>	950	3.84	996	4.28
4452	2800	564	1.14	639	1.54	704	1.96	764	2.39	819	2.83	871	3.28	920	3.73	<b>966</b>	<b>4.19</b>	<b>1011</b>	<b>4.66</b>
4770	3000	593	1.34	665	1.77	728	2.21	785	2.66	840	3.13	890	3.60	938	4.08	983	4.57	1027	5.06
5088	3200	623	1.56	691	2.02	753	2.48	808	2.96	861	3.45	911	3.95	957	4.46	1002	4.97	1044	5.49
5406	3400	653	1.81	719	2.29	778	2.78	832	3.28	883	3.80	931	4.33	977	4.86	1021	5.40	1063	5.94
5724	3600	683	2.09	746	2.30	804	3.11	857	3.64	905	4.17	953	4.72	998	5.29	1041	5.86	1082	6.42
6042	3800	713	2.40	775	2.93	830	3.47	882	4.02	930	4.58	975	5.15	1019	5.74	1062	6.34	1102	6.93
6360	4000	744	2.73	803	3.29	857	3.86	908	4.44	955	5.02	999	5.61	1041	6.22	1083	6.84	1122	7.47
6678	4200	775	3.11	832	3.69	885	4.29	934	4.89	980	5.50	1023	6.11	1064	6.74	1104	7.38	1143	8.04
6996	4400	807	3.51	861	4.12	912	4.74	960	5.37	1005	6.01	1047	6.65	1088	7.30	1127	7.96	1165	8.63
7314	4600	838	3.95	891	4.59	941	5.24	987	5.89	1031	6.55	1072	7.22	1112	7.89	1150	8.57	1187	9.27
7632	4800	870	4.43	921	5.09	969	5.77	1014	6.45	1057	7.13	1098	7.83	1137	8.52	1174	9.23	1210	9.94
7950	5000	902	4.95	951	5.64	998	6.34	1042	7.04	1084	7.76	1124	8.47	1162	9.20	1199	9.93	1234	10.66
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
2226	1400	992	2.97	1040	2.96	1085	3.26	1129	3.56	1171	3.88	1211	4.19	1250	4.52	1288	4.85	1325	5.19
254	1600	996	2.99	1043	3.31	1088	3.63	1131	3.96	1173	4.29	1213	4.63	1252	4.97	1290	5.32	1326	5.67
2862	1800	1002	3.32	1048	3.67	1092	4.02	1135	4.37	1176	4.73	1216	5.09	1254	5.46	1292	5.83	1329	6.21
3180	2000	1008	3.65	1054	4.03	1098	4.41	1140	4.80	1180	5.19	1220	5.58	1258	5.97	1295	6.37	1332	6.77
3498	2200	1017	3.99	1062	4.40	1105	4.81	1146	5.23	1186	5.65	1225	6.07	1263	6.50	1300	6.92	1336	7.35
3816	2400	1028	4.35	1071	4.78	1113	5.22	1154	5.66	1193	6.11	1232	6.56	1269	7.02	1306	7.48	1341	7.94
4134	2600	1040	4.73	1083	5.18	1124	5.65	1164	6.11	1202	6.59	1240	7.07	1277	7.55	1313	8.04	1347	8.53
4452	2800	1054	5.13	1096	5.61	1136	6.10	1175	6.59	1213	7.09	1250	7.59	1286	8.10	1321	8.61	1355	9.13
4770	3000	<b>1069</b>	<b>5.56</b>	1110	6.06	1149	6.57	1187	7.09	1225	7.61	1261	8.14	1296	8.67	1331	9.21	1365	9.75
5088	3200	1086	6.01	<b>1125</b>	<b>6.54</b>	1164	7.07	1201	7.61	1238	8.16	1273	8.71	1308	9.27	1342	9.83	1375	10.40
5406	3400	1103	6.49	1142	7.04	<b>1180</b>	<b>7.60</b>	<b>1217</b>	<b>8.17</b>	1252	8.74	1287	9.31	1321	9.89	1355	10.48	1387	11.07
5724	3600	1121	7.00	1160	7.57	1197	8.16	1233	8.75	<b>1268</b>	<b>9.34</b>	1302	9.94	1336	10.55	1368	11.16	1400	11.77
6042	3800	1141	7.53	1178	8.14	1214	8.74	1250	9.36	1284	9.98	<b>1318</b>	<b>10.60</b>	<b>1351</b>	<b>11.23</b>	1383	11.87	1414	12.50
6360	4000	1161	8.10	1197	8.73	1233	9.36	1268	10.00	1302	10.65	1335	11.29	1367	11.95	<b>1399</b>	<b>12.61</b>	<b>1430</b>	<b>13.27</b>
6678	4200	1181	8.70	1217	9.35	1252	10.02	1286	10.68	1320	11.35	1352	12.02	1384	12.70	1415	13.38	1446	14.07
6996	4400	1201	9.32	1238	10.01	1272	10.70	1306	11.39	1339	12.08	1371	12.78	1402	13.48	1432	14.19	1462	14.90
7314	4600	1223	9.98	1259	10.69	1293	11.41	1326	12.13	1358	12.85	1390	13.58	1420	14.31	1450	15.04	1480	15.77
7632	4800	1245	10.67	1280	11.41	1314	12.16	1346	12.91	1378	13.66	1409	14.41	1439	15.16	1469	15.92	1498	16.68
7950	5000	1268	11.41	1302	12.17	1335	12.94	1367	13.72	1399	14.50	1429	15.28	1459	16.06	1488	16.84	1517	17.63
8268	5200	1292	12.19	1325	12.97	1357	13.76	1389	14.56	1420	15.37	1450	16.18	1479	16.99	1508	17.80	1536	18.62
8586	5400	1316	13.02	1348	13.81	1379	14.62	1410	15.45	1441	16.28	1471	17.12	1500	17.96	1528	18.80	1556	19.64
8904	5600	1340	13.89	1372	14.71	1402	15.54	1433	16.38	1463	17.23	1492	18.09	1521	18.96	1549	19.83	1577	20.71
9222	5800	1365	14.81	1396	15.66	1426	16.51	1456	17.36	1485	18.23	1514	19.12	1542	20.01	1570	20.90	1597	21.81
9540	6000	1390	15.78	1421	16.65	1450	17.52	1479	18.40	1508	19.29	1536	20.19	1564	21.10	1591	22.02	1618	22.95
9858	6200	1415	16.80	1445	17.69	1475	18.59	1504	19.49	1532	20.40	1559	21.31	1586	22.24	1613	23.18	1640	24.13
10176	6400	1441	17.86	1471	18.78	1500	19.71	1528	20.63	1556	21.56	1583	22.50	1609	23.44	1636	24.40	1662	25.37
10494	6600	1467	18.98	1496	19.92	1525	20.87	1553	21.82	1580	22.78	1607	23.74	1633	24.70	1658	25.67	1684	26.66
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
2862	1800	1399	6.97	1466	7.76	1530	8.56	1591	9.39	1650	10.24	1708	11.11	1763	11.99	1817	12.89		
3180	2000	1401	7.58	1468	8.41	1531	9.25	1593	10.11	1652	11.00	1708	11.89	1764	12.81	1817	13.75		
3498	2200	1405	8.22	1471	9.10	1534	9.99	1595	10.89	1653	11.81	1710	12.75	1765	13.70	1818	14.67	1870	15.65
3816	2400	1409	8.87	1475	9.81	1538	10.75	1598	11.70	1656	12.67	1712	13.65	1767	14.64	1820	15.65	1871	16.67
4134	2600	1415	9.53	1480	10.53	1542	11.53	1602	12.54	1660	13.56	1716	14.59	1770	15.63	1822	16.69	1873	17.75
4452	2800	1422	10.18	1486	11.25	1547	12.32	1607	13.39	1664	14.47	1720	15.56	1773	16.65	1826	17.76	1876	18.87
4770	3000	1430	10.85	1493	11.97	1554	13.10	1613	14.24	1669	15.39	1724	16.54	1778	17.69	1830	18.85	1880	20.02
5088	3200	1440	11.55	1502	12.71	1562	13.89	1620	15.09	1676	16.30	1730	17.52	1783	18.74	1835	19.96	1885	21.19
5406	3400	1451	12.27	1512	13.48	1571	14.71	1628	15.96	1683	17.22	1737	18.49	1789	19.78	1840	21.07	1890	22.36
5724	3600	1463	13.01	1523	14.23	1581	15.56	1637	16.85	1692	18.16	1745	19.49	1796	20.82	1847	22.17	1896	23.53
6042	3800	1476	13.79	1535	15.10	1592	16.43	1647	17.77	1701	19.13	1754	20.51	1805	21.89	1854	23.29	1903	24.70
6360	4000	1490	14.61	1548	15.96	1604	17.34	1659	18.73	1712	20.13</								

# 19-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
33"	8.64'	19"	1.87 sq. ft.	16 <sup>1</sup> / <sub>4</sub> " x 18 <sup>3</sup> / <sub>16</sub> "	1.97 sq. ft.

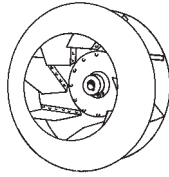
Legend:  = AH15  = AH17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1970	1000	<b>308</b>	<b>0.23</b>	410	0.45	494	0.69	566	0.93	631	1.18	690	1.44	744	1.72	795	2.00	843	2.30
2364	1200	325	0.30	421	0.54	501	0.81	571	1.09	635	1.38	693	1.68	746	1.98	797	2.29	844	2.61
2758	1400	343	0.37	<b>435</b>	<b>0.65</b>	511	0.95	579	1.26	640	1.59	697	1.92	750	2.26	800	2.60	846	2.95
3152	1600	363	0.46	450	0.77	<b>524</b>	<b>1.10</b>	589	1.45	648	1.80	704	2.17	755	2.55	804	2.93	850	3.32
3546	1800	385	0.57	468	0.91	539	1.27	601	1.65	659	2.03	712	2.43	763	2.84	810	3.26	856	3.69
3940	2000	408	0.69	487	1.07	555	1.46	<b>616</b>	<b>1.86</b>	671	2.28	723	2.71	772	3.15	819	3.60	863	4.06
4334	2200	432	0.84	507	1.24	573	1.67	631	2.11	<b>685</b>	<b>2.55</b>	736	3.01	783	3.48	829	3.96	872	4.45
4728	2400	456	1.00	528	1.44	591	1.90	649	2.37	701	2.85	<b>750</b>	<b>3.34</b>	796	3.84	840	4.35	882	4.87
5122	2600	481	1.20	551	1.66	611	2.15	667	2.66	718	3.17	765	3.69	<b>810</b>	<b>4.22</b>	853	4.76	894	5.31
5516	2800	508	1.41	573	1.91	632	2.43	686	2.96	735	3.51	782	4.07	826	4.63	<b>868</b>	<b>5.20</b>	<b>908</b>	<b>5.78</b>
5910	3000	533	1.66	597	2.19	653	2.74	705	3.30	754	3.88	799	4.47	842	5.07	883	5.37	922	6.28
6304	3200	559	1.94	621	2.50	676	3.08	726	3.67	773	4.28	817	4.91	859	5.53	899	5.78	938	6.81
6698	3400	586	2.25	645	2.85	699	3.45	747	4.07	793	4.71	836	5.37	877	6.03	917	6.70	954	7.37
7092	3600	613	2.59	670	3.22	722	3.86	769	4.51	813	5.18	856	5.86	896	6.56	935	7.27	971	7.97
7486	3800	640	2.97	695	3.64	746	4.31	792	4.99	835	5.69	876	6.39	915	7.12	953	7.86	989	8.60
7880	4000	668	3.39	721	4.09	770	4.79	815	5.51	857	6.23	897	6.97	935	7.72	972	8.49	1008	9.27
8274	4200	696	3.85	747	4.58	794	5.32	838	6.07	879	6.82	918	7.59	955	8.36	991	9.16	1026	9.97
8668	4400	724	4.36	773	5.12	819	5.89	862	6.77	902	7.45	940	8.25	977	9.05	1012	9.87	1046	10.71
9062	4600	753	4.91	800	5.70	844	6.50	886	7.31	925	8.13	963	8.96	998	9.79	1033	10.63	1066	11.50
9456	4800	781	5.50	827	6.32	870	7.16	910	8.00	949	8.85	986	9.71	1021	10.58	1054	11.45	1086	12.33
9850	5000	810	6.15	854	7.00	896	7.86	935	8.74	973	9.62	1009	10.51	1043	11.41	1076	12.32	1108	13.23
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2758	1400	891	3.31	933	3.67	974	4.04	1013	4.42	1051	4.81	1087	5.20	1122	5.61	1157	6.02	1190	6.44
3152	1600	894	3.71	936	4.10	977	4.50	1015	4.91	1053	5.32	1089	5.74	1124	6.17	1158	6.60	1191	7.04
3546	1800	899	4.12	941	4.55	980	4.99	1019	5.43	1056	5.87	1091	6.32	1126	6.77	1160	7.23	1193	7.70
3940	2000	905	4.53	946	5.00	985	5.48	1026	5.96	1060	6.44	1095	6.92	1130	7.41	1163	7.90	1195	8.40
4334	2200	913	4.95	953	5.45	992	5.97	1045	6.49	1085	7.01	1120	7.53	1154	8.06	1187	8.59	1219	9.12
4728	2400	923	5.39	962	5.93	999	6.47	1036	7.02	1071	7.58	1106	8.14	1139	8.71	1172	9.28	1204	9.86
5122	2600	934	5.87	972	6.43	1009	7.01	1045	7.59	1079	8.18	1113	8.77	1146	9.37	1178	9.98	1210	10.59
5516	2800	946	6.37	984	6.96	1020	7.56	1055	8.18	1089	8.79	1122	9.42	1154	10.05	1186	10.69	1217	11.33
5910	3000	<b>960</b>	<b>6.90</b>	996	7.52	1032	8.15	1066	8.79	1099	9.44	1132	10.10	1164	10.76	1195	11.43	1225	12.10
6304	3200	975	7.46	<b>1010</b>	<b>8.11</b>	1045	8.78	1079	9.45	1111	10.12	1143	10.81	1174	11.50	1205	12.20	1235	12.90
6698	3400	990	8.05	1025	8.74	<b>1059</b>	<b>9.43</b>	<b>1092</b>	<b>10.13</b>	1124	10.84	1156	11.55	1186	12.27	1216	13.00	1245	13.73
7092	3600	1007	8.68	1041	9.40	1074	10.12	1107	10.86	<b>1138</b>	<b>11.59</b>	1169	12.34	1199	13.09	1228	13.84	1258	14.60
7486	3800	1024	9.35	1058	10.10	1090	10.85	1122	11.61	1153	12.38	<b>1183</b>	<b>13.16</b>	<b>1213</b>	<b>13.94</b>	1242	14.72	1270	15.52
7880	4000	1042	10.05	1075	10.83	1107	11.62	1138	12.41	1168	13.21	1198	14.01	1227	14.83	<b>1256</b>	<b>15.64</b>	<b>1283</b>	<b>16.47</b>
8274	4200	1060	10.79	1093	11.61	1124	12.43	1155	13.25	1185	14.08	1214	14.91	1242	15.76	1270	16.60	1298	17.46
8668	4400	1079	11.56	1111	12.42	1142	13.28	1172	14.13	1202	14.99	1230	15.86	1258	16.73	1286	17.61	1313	18.49
9062	4600	1098	12.38	1130	13.27	1161	14.16	1190	15.06	1219	15.95	1247	16.85	1275	17.75	1302	18.66	1328	19.57
9456	4800	1118	13.24	1149	14.16	1179	15.09	1209	16.02	1237	16.95	1265	17.88	1292	18.82	1319	19.75	1345	20.70
9850	5000	1139	14.15	1169	15.10	1198	16.05	1227	17.02	1256	17.99	1283	18.96	1310	19.93	1336	20.09	1362	21.87
10244	5200	1160	15.12	1189	16.09	1218	17.07	1247	18.07	1274	19.07	1302	20.08	1328	21.08	1354	22.09	1379	23.10
10638	5400	1181	16.15	1210	17.14	1238	18.15	1266	19.17	1293	20.20	1320	21.24	1346	22.28	1372	23.33	1397	24.37
11032	5600	1203	17.24	1231	18.26	1259	19.28	1286	20.32	1313	21.38	1339	22.45	1365	23.53	1391	24.61	1415	25.69
11426	5800	1225	18.38	1253	19.43	1280	20.48	1307	21.54	1333	22.62	1359	23.72	1384	24.83	1409	25.94	1434	27.06
11820	6000	1248	19.58	1275	20.66	1302	21.74	1328	22.83	1354	23.93	1379	25.05	1404	26.18	1429	27.32	1453	28.47
12214	6200	1270	20.84	1298	21.95	1324	23.07	1350	24.18	1375	25.31	1400	26.45	1424	27.60	1448	28.77	1472	29.94
12608	6400	1293	22.17	1320	23.31	1346	24.45	1372	25.60	1396	26.75	1421	27.91	1445	29.09	1468	30.28	1492	31.48
13002	6600	1317	23.55	1343	24.72	1369	25.90	1394	27.08	1418	28.27	1442	29.45	1466	30.65	1489	31.86	1512	33.08
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3546	1800	1256	8.65	1316	9.62	1373	10.62	1428	11.65	1482	12.70	1533	13.78	1583	14.88	1631	16.00		
3940	2000	1258	9.41	1318	10.43	1375	11.48	1430	12.55	1483	13.64	1532	14.76	1583	15.90	1631	17.06		
4334	2200	1261	10.20	1320	11.29	1377	12.39	1432	13.51	1484	14.66	1535	15.82	1584	17.00	1632	18.20	1678	19.42
4728	2400	1265	11.01	1324	12.17	1380	13.34	1435	14.52	1487	15.72	1537	16.94	1586	18.17	1634	19.42	1680	20.69
5122	2600	1270	11.82	1329	13.06	1384	14.31	1438	15.56	1490	16.83	1540	18.11	1589	19.40	1636	20.70	1682	22.02
5516	2800	1277	12.63	1334	13.95	1389	15.28	1442	16.62	1494	17.96	1544	19.30	1592	20.66	1639	22.03	1685	23.41
5910	3000	1284	13.47	1340	14.85	1395	16.25	1448	17.67	1499	19.09	1548	20.52	1596	21.95	1643	23.39	1688	24.84.00
6304	3200	1293	14.33	1348	15.77	1402	17.24	1454	18.72	1504	20.22	1553	21.73	1601	23.25	1647	24.76	1692	26.29
6698	3400	1302	15.22	1357	16.73	1410	18.26	1461	19.80	1511	21.36	1559	22.94	1606	24.54	1652	26.14	1697	27.74
7092	3600	1313	16.15	1367	17.71	1419	19.30	1470	20.91	1519	22.54	1566	24.18	1613	25.83	1658	27.51	1702	

# Type AH - Performance Data

IndustraCon

# 21-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
36 1/2"	9.56'	21"	2.29 sq. ft.	17 15/16" x 20 1/8"	2.41 sq. ft.

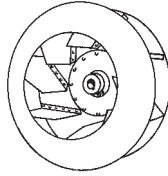
Legend:  = AH15  = AH17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2410	1000	280	0.28	<b>372</b>	<b>0.54</b>	448	0.81	514	1.09	574	1.40	629	1.71						
2892	1200	295	0.36	383	0.66	454	0.98	518	1.30	576	1.63	630	1.97	679	2.34	726	2.71		
3374	1400	313	0.45	395	0.79	<b>465</b>	<b>1.15</b>	525	1.52	581	1.90	633	2.27	681	2.66	727	3.06	770	3.48
3856	1600	331	0.56	410	0.94	477	1.34	<b>535</b>	<b>1.75</b>	589	2.17	638	2.60	685	3.03	730	3.46	772	3.90
4338	1800	351	0.69	426	1.11	490	1.55	547	2.00	<b>599</b>	<b>2.46</b>	<b>647</b>	<b>2.93</b>	692	3.41	735	3.89	776	4.38
4820	2000	371	0.85	444	1.30	505	1.78	560	2.27	611	2.77	658	3.28	<b>701</b>	<b>3.80</b>	743	4.33	783	4.87
5302	2200	393	1.02	462	1.52	521	2.04	575	2.56	624	3.11	670	3.66	712	4.22	<b>753</b>	<b>4.79</b>	792	5.37
5784	2400	415	1.22	481	1.77	539	2.32	590	2.89	638	3.47	682	4.06	724	4.66	764	5.27	<b>802</b>	<b>5.89</b>
6266	2600	437	1.45	501	2.04	557	2.63	607	3.24	653	3.86	699	4.49	737	5.13	776	5.78	814	6.44
6748	2800	460	1.72	522	2.34	576	2.98	624	3.63	669	4.28	711	4.95	751	5.63	790	6.33	826	7.02
7230	3000	483	2.01	543	2.68	595	3.36	643	4.05	686	4.74	727	5.45	766	6.17	804	6.90	839	7.64
7712	3200	507	2.35	565	3.06	615	3.78	662	4.51	704	5.24	744	5.99	782	6.74	818	7.51	853	8.29
8194	3400	531	2.72	587	3.47	636	4.23	681	5.00	723	5.78	762	6.57	799	7.36	834	8.16	868	8.98
8676	3600	555	3.13	609	3.92	657	4.73	701	5.54	741	6.36	780	7.19	816	8.02	851	8.86	884	9.71
9158	3800	580	3.59	632	4.42	679	5.27	721	6.12	761	6.98	798	7.85	834	8.72	868	9.60	900	10.49
9640	4000	605	4.09	655	4.97	700	5.85	742	6.75	781	7.65	817	8.56	852	9.47	885	10.39	917	11.32
10122	4200	630	4.63	678	5.56	722	6.48	763	7.42	801	8.36	837	9.31	871	10.27	904	11.23	935	12.20
10604	4400	655	5.23	702	6.20	745	7.17	784	8.15	821	9.13	857	10.12	890	11.12	922	12.12	953	13.13
11086	4600	680	5.88	725	6.89	767	7.91	806	8.92	842	9.95	877	10.98	910	12.02	941	13.06	972	14.11
11568	4800	705	6.59	749	7.64	790	8.70	828	9.76	864	10.82	897	11.90	930	12.97	961	14.06	990	15.15
12050	5000	731	7.35	774	8.45	813	9.55	850	10.65	885	11.75	918	12.87	950	13.99	980	15.11	1010	16.25
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
3374	1400	811	3.91	851	4.35														
3856	1600	813	4.36	852	4.83	889	5.31	925	5.80	959	6.30								
4338	1800	816	4.86	854	5.35	890	5.86	926	6.38	960	6.91	993	7.45						
4820	2000	821	5.40	858	5.94	894	6.48	928	7.02	962	7.57	995	8.13	1027	8.71	1057	9.30	1088	9.90
5302	2200	829	5.95	865	6.54	899	7.13	933	7.72	966	8.31	998	8.90	1029	9.49	1059	10.10	1089	10.72
5784	2400	<b>838</b>	<b>6.52</b>	873	7.14	907	7.78	940	8.42	982	9.06	1003	9.71	1034	10.35	1063	10.99	1092	11.63
6266	2600	849	7.11	<b>883</b>	<b>7.78</b>	<b>916</b>	<b>8.46</b>	948	9.14	980	9.82	1010	10.52	1040	11.21	1069	11.90	1097	12.60
6748	2800	861	7.73	895	8.44	927	9.16	<b>958</b>	<b>9.89</b>	<b>989</b>	<b>10.61</b>	1019	11.35	1048	12.08	1076	12.83	1104	13.57
7230	3000	874	8.38	907	9.14	939	9.90	969	10.66	999	11.43	<b>1029</b>	<b>12.21</b>	<b>1057</b>	<b>12.99</b>	1085	13.77	1112	14.56
7712	3200	887	9.07	919	9.87	951	10.67	981	11.47	1011	12.28	1040	13.10	1068	13.92	<b>1095</b>	<b>14.75</b>	<b>1121</b>	<b>15.58</b>
8194	3400	901	9.80	933	10.64	964	11.47	994	12.32	1023	13.17	1051	14.03	1079	14.89	1106	15.76	1132	16.63
8676	3600	916	10.57	947	11.44	978	12.32	1007	13.21	1036	14.10	1064	15.00	1091	15.90	1117	16.81	1143	17.72
9158	3800	932	11.39	962	12.30	992	13.21	1021	14.14	1049	15.07	1077	16.01	1104	16.95	1130	17.89	1155	18.85
9640	4000	948	12.26	978	13.20	1007	14.15	1036	15.12	1063	16.08	1090	17.06	1117	18.04	1143	19.03	1168	20.02
10122	4200	965	13.17	995	14.16	1023	15.15	1051	16.14	1078	17.15	1105	18.16	1131	19.18	1156	20.21	1181	21.24
10604	4400	983	14.14	1012	15.16	1040	16.19	1067	17.23	1093	18.27	1120	19.23	1145	20.37	1170	21.44	1195	22.51
11086	4600	1001	15.17	1029	16.23	1057	17.29	1083	18.36	1109	19.44	1135	20.53	1160	21.62	1185	22.72	1209	23.83
11568	4800	1019	16.25	1047	17.35	1074	18.45	1100	19.56	1126	20.68	1151	21.80	1176	22.93	1200	24.07	1224	25.21
12050	5000	1038	17.38	1065	18.52	1092	19.67	1118	20.82	1143	21.97	1168	23.13	1192	24.30	1216	25.47	1239	26.65
12532	5200	1057	18.58	1084	19.76	1110	20.94	1136	22.13	1161	23.33	1185	24.52	1209	25.73	1232	26.94	1255	28.15
13014	5400	1076	19.83	1103	21.06	1129	22.28	1154	23.51	1179	24.74	1203	25.98	1226	27.22	1249	28.47	1272	29.72
13496	5600	1096	21.16	1122	22.42	1148	23.69	1173	24.96	1197	26.23	1221	27.51	1244	28.79	1266	30.07	1289	31.36
13978	5800	1116	22.54	1142	23.85	1167	25.15	1191	26.47	1215	27.78	1239	29.10	1262	30.42	1284	31.74	1306	33.07
14460	6000	1136	24.00	1162	25.34	1186	26.69	1210	28.04	1234	29.40	1257	30.76	1280	32.12	1302	33.48	1324	34.85
14942	6200	1157	25.53	1182	26.91	1206	28.30	1230	29.69	1253	31.09	1276	32.49	1298	33.89	1320	35.29	1342	36.70
15424	6400	1178	27.13	1202	28.56	1226	29.98	1249	31.41	1272	32.85	1295	34.29	1317	35.73	1339	37.18	1360	38.62
15906	6600	1199	28.81	1223	30.27	1246	31.74	1269	33.21	1292	34.69	1314	36.17	1336	37.65	1357	39.14	1378	40.62
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
4820	2000	1145	11.12																
5302	2200	1146	12.00	1201	13.31	1254	14.64	1304	16.00										
5784	2400	1149	12.94	1203	14.29	1255	15.70	1305	17.12	1353	18.57	1400	20.04						
6266	2600	1152	13.99	1206	15.39	1257	16.18	1306	18.29	1354	19.80	1401	21.34	1446	22.89				
6748	2800	1158	15.07	1210	16.56	1260	18.05	1309	19.56	1356	21.10	1402	22.68	1447	24.31	1490	25.95	1533	27.61
7230	3000	1165	16.14	1216	17.75	1265	19.34	1313	20.94	1360	22.53	1405	24.15	1449	25.79	1492	27.48	1534	29.21
7712	3200	1173	17.25	1223	18.93	1272	20.63	1309	22.34	1364	24.03	1409	25.73	1452	27.43	1495	29.15	1536	30.89
8194	3400	<b>1183</b>	<b>18.38</b>	1232	20.15	1279	21.93	1326	23.73	1370	25.53	1414	27.34	1457	29.14	1499	30.93	1539	32.73
8676	3600	1194	19.55	<b>1242</b>	<b>21.41</b>	<b>1288</b>	<b>23.27</b>	1334	25.15	1378	27.04	1421	28.94	1463	30.85	1504	32.76	1544	34.65
9158	3800	1205	20.76																

# Performance Data - Type AH

IndustraCon

# 23-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
40"	10.47'	23"	2.76 sq. ft.	19 <sup>5</sup> / <sub>8</sub> " x 122"	2.90 sq. ft.

Legend:  = AH15  = AH17

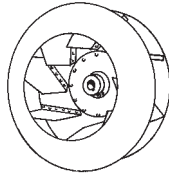
CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2900	1000	256	0.34	<b>339</b>	<b>0.65</b>	409	0.98	469	1.31	524	1.68	574	2.06						
3480	1200	270	0.43	349	0.79	415	1.17	473	1.56	526	1.95	575	2.37	620	2.81	662	3.26		
4060	1400	285	0.55	361	0.95	<b>424</b>	<b>1.38</b>	479	1.82	530	2.28	577	2.73	621	3.19	663	3.68	703	4.18
4640	1600	302	0.68	374	1.13	435	1.61	<b>489</b>	<b>2.10</b>	537	2.61	583	3.12	625	3.64	666	4.16	705	4.68
5220	1800	320	0.83	389	1.34	447	1.86	499	2.40	<b>547</b>	<b>2.96</b>	<b>590</b>	<b>3.52</b>	632	4.09	671	4.68	708	5.26
5800	2000	339	1.02	405	1.57	461	2.14	511	2.73	557	3.33	600	3.94	<b>640</b>	<b>4.57</b>	678	5.20	714	5.84
6380	2200	358	1.23	422	1.83	476	2.44	524	3.08	569	3.73	611	4.40	650	5.07	<b>687</b>	<b>5.75</b>	722	6.45
6960	2400	378	1.47	439	2.12	492	2.79	539	3.47	582	4.16	623	4.88	661	5.60	697	6.33	<b>732</b>	<b>7.08</b>
7540	2600	399	1.75	458	2.45	508	3.16	554	3.89	596	4.63	635	5.39	673	6.16	708	6.95	742	7.74
8120	2800	420	2.06	476	2.81	526	3.58	570	4.36	611	5.14	649	5.95	686	6.77	720	7.60	754	8.44
8700	3000	441	2.42	496	3.22	543	4.04	587	4.86	626	5.70	664	6.55	699	7.41	733	8.29	766	9.17
9280	3200	463	2.82	515	3.67	562	4.54	604	5.41	643	6.30	679	7.19	714	8.10	747	9.02	779	9.95
9860	3400	485	3.27	536	4.17	580	5.08	621	6.01	659	6.94	695	7.89	729	8.84	761	9.81	792	10.78
10440	3600	507	3.76	556	4.71	600	5.68	639	6.65	677	7.64	712	8.63	745	9.63	776	10.64	807	11.66
11020	3800	259	4.31	577	5.31	619	6.32	658	7.35	694	8.38	729	9.43	761	10.48	792	11.53	822	12.60
11600	4000	552	4.91	598	5.96	639	7.03	677	8.10	712	9.18	746	10.28	778	11.38	808	12.48	837	13.60
12180	4200	574	5.57	619	6.67	659	7.79	696	8.91	731	10.04	763	11.19	795	12.34	825	13.49	853	14.65
12760	4400	597	6.28	640	7.45	680	8.61	716	9.78	750	10.96	782	12.15	812	13.35	842	14.56	870	15.77
13340	4600	620	7.07	662	8.28	700	9.49	736	10.72	769	11.95	800	13.19	830	14.44	859	15.69	887	16.95
13920	4800	644	7.91	684	9.18	721	10.45	756	11.72	788	13.00	819	14.29	848	15.58	876	16.89	904	18.20
14500	5000	667	8.83	706	10.15	742	11.47	776	12.79	808	14.12	838	15.45	867	16.80	894	18.15	921	19.51
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4060	1400	740	4.70	776	5.23														
4640	1600	742	5.23	777	5.80	811	6.38	844	6.97	875	7.57								
5220	1800	744	5.84	779	6.43	812	7.04	845	7.66	876	8.30	906	8.95	936	9.61				
5800	2000	749	6.49	783	7.14	816	7.78	847	8.43	878	9.09	908	9.77	937	10.46	965	11.17	992	11.89
6380	2200	756	7.14	789	7.85	821	8.56	852	9.27	881	9.98	911	10.68	939	11.40	967	12.13	994	12.87
6960	2400	<b>765</b>	<b>7.83</b>	797	8.58	828	9.34	858	10.11	887	10.88	915	11.66	943	12.43	970	13.20	997	13.97
7540	2600	775	8.54	<b>806</b>	<b>9.34</b>	<b>836</b>	<b>10.16</b>	865	10.98	894	11.80	922	12.63	949	13.46	975	14.30	1001	15.14
8120	2800	786	9.28	816	10.14	846	11.00	<b>874</b>	<b>11.87</b>	<b>902</b>	<b>12.75</b>	929	13.63	956	14.51	982	15.40	1007	16.30
8700	3000	797	10.07	827	10.97	856	11.89	885	12.81	912	13.73	<b>939</b>	<b>14.66</b>	<b>964</b>	<b>15.60</b>	990	16.54	1015	17.48
9280	3200	809	10.90	839	11.85	868	12.81	895	13.78	922	14.75	949	15.73	974	16.72	<b>999</b>	<b>17.71</b>	<b>1023</b>	<b>18.71</b>
9860	3400	822	11.77	851	12.77	880	13.78	907	14.80	933	15.82	959	16.85	984	17.88	1009	18.93	1033	19.97
10440	3600	836	12.70	864	13.74	892	14.80	919	15.36	945	16.92	971	18.01	995	19.09	1020	20.18	1043	21.28
11020	3800	850	13.68	878	14.77	905	15.87	932	16.98	957	18.10	983	19.22	1007	20.35	1031	21.49	1054	22.63
11600	4000	865	14.72	893	15.85	919	17.00	945	18.15	970	19.32	995	20.49	1019	21.67	1043	22.85	1066	24.04
12180	4200	881	15.82	908	17.00	934	18.19	959	19.39	984	20.60	1008	21.81	1032	23.04	1055	24.27	1078	25.51
12760	4400	897	16.99	923	18.21	949	19.44	973	20.69	998	21.94	1022	23.20	1045	24.47	1068	25.75	1090	27.03
13340	4600	913	18.22	939	19.49	964	20.77	989	22.05	1012	23.35	1036	24.65	1059	25.97	1081	27.29	1103	28.62
13920	4800	930	19.51	955	20.83	980	22.16	1004	23.49	1028	24.83	1050	26.18	1073	27.54	1095	28.90	1117	30.28
14500	5000	947	20.88	972	22.25	997	23.62	1020	25.00	1043	26.39	1066	27.78	1088	29.18	1109	30.59	1131	32.01
15080	5200	964	22.31	989	23.73	1013	25.15	1036	26.58	1059	28.01	1081	29.45	1103	30.90	1124	32.35	1145	33.81
15660	5400	982	23.82	1006	25.29	1030	26.76	1053	28.24	1076	29.72	1097	31.20	1116	32.70	1140	34.19	1160	35.70
16240	5600	1000	25.41	1024	26.92	1047	28.45	1070	29.97	1092	31.50	1114	33.03	1135	34.57	1156	36.12	1176	37.67
16820	5800	1018	27.07	1042	28.64	1065	30.21	1087	31.79	1109	33.36	1130	34.95	1151	36.53	1172	38.12	1192	39.72
17400	6000	1037	28.85	1060	30.44	1082	32.06	1105	33.68	1126	35.31	1147	36.94	1168	38.57	1188	40.21	1208	41.85
17980	6200	1056	30.66	1078	32.32	1100	33.99	1122	35.66	1143	37.34	1164	39.02	1185	40.70	1205	42.39	1224	44.07
18560	6400	1074	32.59	1097	34.29	1119	36.01	1140	37.73	1161	39.45	1182	41.18	1202	42.91	1221	44.65	1241	46.39
19140	6600	1094	34.60	1116	36.36	1137	38.12	1158	39.89	1179	41.66	1199	43.44	1219	45.22	1239	47.00	1258	48.79
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5800	2000	1045	13.35																
6380	2200	1046	14.41	1096	15.98	1144	17.58	1190	19.21										
6960	2400	1048	15.54	1098	17.17	1145	18.85	1191	20.56	1235	22.30	1278	24.06						
<b>7540</b>	<b>2600</b>	1052	16.80	1100	18.18	1147	20.19	1192	21.96	1236	23.78	1278	25.63	1319	27.49				
8120	2800	1057	18.10	1104	19.89	1150	21.68	1195	23.49	1238	25.34	1280	27.24	1320	29.29	1360	31.17	1399	33.16
8700	3000	1063	19.39	1110	21.31	1155	23.23	1198	25.14	1241	27.06	1282	29.00	1322	30.98	1361	33.00	1400	35.07
9280	3200	1071	20.71	1116	22.74	1160	24.78	1203	26.83	1245	28.86	1286	30.90	1325	32.94	1364	35.00	1402	37.10
9860	3400	1079	22.08	1124	24.20	1167	26.34	1210	28.50	1251	30.67	1290	32.84	1329	34.99	1367	37.15	1405	39.31
10440	3600	1086	23.48	1133	25.71	1176	27.95	1217	30.20	1257	32.47	1296	34.76	1335	37.05	1372	39.34	1409	41.62
11020	3800	1102	24.94	1143	27.26	1185	29.60	1225	31.95	1265	34.32	1303	36.71	1341	39.11	1378	41.52	1414	43.93
11600	4000	1110	26.44	1153	28.86	1195	31.30	1235	33.75	1271	36.22	1312	38.71	1349	41.20	1385	43.71	1420	46.23
12180	4200	1122	28.00	1164	30.52	1205	33.05	1245	35.61	1283	38.17	1320	40.75	1357	43.35	1393	45.96		



# Type AH - Performance Data

IndustraCon

# 26-61



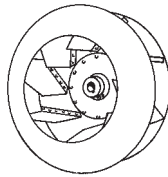
WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
45 <sup>1</sup> / <sub>8</sub> "	11.81'	26"	3.55 sq. ft.	22 <sup>1</sup> / <sub>8</sub> " x 24 <sup>13</sup> / <sub>16</sub> "	3.69 sq. ft.

Legend:  = AH15  = AH17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3690	1000	227	0.43	301	0.83	362	1.24	416	1.67	465	2.13	509	2.62						
4428	1200	239	0.55	310	1.01	368	1.49	419	1.99	466	2.49	509	3.02	550	3.57	587	4.14		
5166	1400	253	0.69	320	1.21	376	1.76	425	2.32	480	2.90	512	3.47	551	4.06	588	4.68	623	5.32
5904	1600	268	0.86	332	1.44	386	2.05	433	2.67	476	3.32	516	3.97	554	4.63	590	5.29	625	5.96
6642	1800	284	1.06	345	1.70	396	2.37	443	3.06	485	3.76	523	4.48	560	5.21	595	5.95	628	6.69
7380	2000	300	1.29	359	1.99	408	2.72	453	3.47	494	4.24	532	5.02	567	5.82	601	6.62	633	7.44
8118	2200	318	1.56	374	2.33	422	3.11	465	3.92	505	4.75	542	5.59	576	6.45	609	7.32	640	8.24
8856	2400	335	1.87	389	2.70	436	3.55	477	4.41	516	5.30	552	6.21	586	7.13	618	8.06	649	9.01
9594	2600	354	2.22	406	3.12	451	4.03	491	4.95	528	5.90	563	6.86	597	7.85	628	8.84	658	9.85
10332	2800	372	2.63	422	3.58	466	4.56	505	5.54	541	6.55	575	7.57	608	8.61	639	9.67	668	10.74
11070	3000	391	3.08	439	4.10	482	5.14	520	6.19	555	7.25	588	8.33	620	9.43	650	10.55	679	11.67
11808	3200	410	3.59	457	4.67	498	5.77	535	6.89	570	8.01	602	9.15	633	10.31	662	11.48	690	12.67
12546	3400	430	4.16	475	5.30	514	6.47	551	7.65	585	8.84	616	10.04	646	11.25	675	12.48	702	13.72
13284	3600	449	4.78	493	6.00	531	7.22	567	8.47	600	9.27	631	10.98	660	12.26	688	13.54	715	14.85
14022	3800	469	5.48	511	6.76	549	8.05	583	9.35	615	10.67	646	12.00	674	13.33	702	14.68	728	16.04
14760	4000	489	6.25	530	7.59	566	8.94	600	10.31	631	11.69	661	13.08	689	14.48	716	15.89	742	17.30
15498	4200	509	7.08	549	8.49	584	9.91	617	11.34	648	12.78	677	14.24	705	15.70	731	17.17	756	18.65
16236	4400	530	8.00	568	9.48	602	10.96	634	12.45	664	13.95	693	15.47	720	17.00	746	18.53	771	20.07
16974	4600	550	8.99	587	10.54	621	12.08	652	13.64	681	15.21	709	13.78	736	18.37	761	19.97	786	21.57
17712	4800	571	10.07	606	11.68	639	13.29	670	14.91	699	16.54	726	18.18	752	19.83	777	21.49	801	23.16
18450	5000	591	11.24	626	12.92	658	14.59	688	16.27	716	17.97	743	19.67	768	21.38	793	23.10	817	24.83
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5166	1400	656	5.98	688	6.65														
5904	1600	657	6.66	689	7.38	719	8.12	748	8.87	776	9.63								
6642	1800	660	7.43	691	8.18	720	8.95	749	9.75	777	10.57	803	11.39	829	12.23				
7380	2000	664	8.26	694	9.08	723	9.90	751	10.73	778	11.57	805	12.43	830	13.32	855	14.22	880	15.13
8118	2200	670	9.09	699	9.99	728	10.89	755	11.80	781	12.70	807	13.60	832	14.51	857	15.44	881	16.38
8856	2400	<b>678</b>	<b>9.96</b>	706	10.92	734	11.89	760	12.87	786	13.85	811	14.84	836	15.82	860	16.80	884	17.78
9594	2600	687	10.87	<b>714</b>	<b>11.89</b>	<b>741</b>	<b>12.93</b>	767	13.97	792	15.02	817	16.07	841	17.14	864	18.20	888	19.26
10332	2800	696	11.82	724	12.91	750	14.00	<b>775</b>	<b>15.11</b>	<b>800</b>	<b>16.22</b>	824	17.34	847	18.47	870	19.60	893	20.74
11070	3000	707	12.82	733	13.97	759	15.13	784	16.30	808	17.47	<b>832</b>	<b>18.66</b>	<b>855</b>	<b>19.85</b>	877	21.05	899	22.25
11808	3200	717	13.87	744	15.08	769	16.30	794	17.54	818	18.78	841	20.02	863	21.28	<b>885</b>	<b>22.54</b>	<b>907</b>	<b>23.81</b>
12546	3400	729	14.98	755	16.26	780	17.54	804	18.83	827	20.13	850	21.44	873	22.76	894	24.09	916	25.42
13284	3600	741	16.16	766	17.49	791	18.83	815	20.19	838	21.55	860	22.92	882	24.30	904	25.69	925	27.08
14022	3800	754	17.41	778	18.80	802	20.20	826	21.61	849	23.03	871	24.46	893	25.90	914	27.35	935	28.81
14760	4000	767	18.73	791	20.18	815	21.63	838	23.10	860	24.58	882	26.07	903	27.57	924	29.08	945	30.60
15498	4200	781	20.14	804	21.64	828	23.15	850	24.67	872	26.21	894	27.76	915	29.32	935	30.89	955	32.46
16236	4400	795	21.62	818	23.08	841	24.75	863	26.33	884	27.92	906	29.53	926	31.14	947	32.77	966	34.40
16974	4600	810	23.18	832	24.80	855	26.43	876	28.07	897	29.92	918	31.38	938	33.05	958	34.73	978	36.42
17712	4800	824	24.83	847	26.51	869	28.20	890	29.90	911	31.60	931	33.32	951	35.05	971	36.78	990	38.53
18450	5000	840	26.57	862	28.31	883	30.06	904	31.82	925	33.58	945	35.35	964	37.14	983	38.93	1002	40.73
19188	5200	855	28.40	877	30.20	898	32.01	919	33.83	939	35.65	959	37.48	973	39.32	997	41.17	1015	43.03
19926	5400	871	30.32	892	32.19	913	34.06	934	35.94	953	37.82	973	39.71	992	41.61	1010	43.52	1029	45.43
20664	5600	886	32.34	908	34.27	928	36.20	949	38.14	968	40.06	987	42.04	1006	44.00	1024	45.96	1042	47.94
21402	5800	903	34.46	923	36.45	944	38.45	964	40.45	983	42.46	1002	44.47	1020	46.49	1029	48.52	1056	50.55
22140	6000	919	36.68	940	38.74	960	40.80	979	42.86	998	44.94	1017	47.01	1035	49.09	1053	51.17	1071	53.26
22878	6200	936	39.02	956	41.13	976	43.29	995	45.38	1014	47.52	1032	49.66	1050	51.80	1068	53.94	1085	56.09
23616	6400	952	41.47	972	43.65	992	45.83	1011	48.01	1029	50.21	1047	52.41	1065	54.62	1083	56.82	1100	59.03
24354	6600	969	44.04	989	46.27	1008	48.51	1027	50.76	1045	53.02	1063	55.28	1081	57.55	1098	59.82	1115	62.09
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7380	2000	927	16.99																
8118	2200	927	18.34	972	20.34	1014	22.38	1055	24.45										
8856	2400	929	19.78	973	21.85	1015	23.99	1056	26.17	1095	28.38	1133	30.62						
9594	2600	932	21.38	975	23.52	1017	25.70	1057	27.96	1096	30.26	1133	32.61	1170	34.99				
10332	2800	937	23.03	979	25.31	1019	27.59	1059	29.90	1097	32.25	1134	34.67	1170	37.15	1206	39.66	1240	42.20
11070	3000	942	24.68	983	27.12	1023	29.57	1062	32.00	1100	34.44	1136	36.91	1172	39.42	1207	42.00	1241	44.64
11808	3200	949	26.36	989	28.94	1029	31.53	1067	34.14	1104	36.73	1140	39.32	1175	41.92	1209	44.55	1242	47.22
12546	3400	<b>957</b>	<b>28.10</b>	996	30.80	1035	33.52	1072	36.27	1109	39.03	1144	41.79	1178	44.53	1212	47.28	1245	50.03
13284	3600	965	29.89	<b>1004</b>	<b>32.72</b>	1042	35.57	1079	38.44	1114	41.33	1149	44.24	1183	47.16	1216	50.07	1249	52.96
14022	3800	975	31.74	1013	34.69	<b>1050</b>	<b>37.67</b>	1086	40.67	1121	43.68	1155	46.72	1189	49.77	1221	52.84	1253	55.91
14760	4000	984	33.65	1022	36.73	1059	39.84	<b>1095</b>	<b>42.96</b>	<b>1129</b>	<b>46.10</b>	1163	49.26	1195	52.44	1227	55.63	1259	58.84
15498	4200	994	35.64	1032	38.84	1068	42.07	1103	45.31	1137	48.58	<b>1171</b>	<b>51.87</b>	<b>1203</b>	<b>55.17</b>	1234	58.49	1265	61.82
16236	4400	1005	37.																



## 29-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
50 <sup>1</sup> / <sub>2</sub> "	13.22'	29"	4.43 sq. ft.	24 <sup>5</sup> / <sub>8</sub> " x 27 <sup>11</sup> / <sub>16</sub> "	4.62 sq. ft.

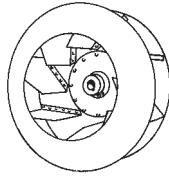
Legend:  = AH15  = AH17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4620	1000	203	0.54	<b>269</b>	<b>1.04</b>	324	1.56	372	2.09	415	2.67	455	3.28						
5544	1200	213	0.69	277	1.27	328	1.87	374	2.49	416	3.11	455	3.78	491	4.47	525	5.19		
6468	1400	226	0.87	286	1.52	<b>336</b>	<b>2.20</b>	380	2.91	420	3.63	457	4.35	492	5.09	525	5.86	557	6.67
7392	1600	239	1.08	296	1.80	344	2.56	<b>387</b>	<b>3.35</b>	425	4.15	461	4.97	495	5.80	527	6.62	558	7.47
8316	1800	254	1.33	308	2.13	354	2.96	395	3.83	<b>433</b>	<b>4.71</b>	<b>468</b>	<b>5.61</b>	500	6.53	531	7.45	561	8.38
9240	2000	268	1.62	321	2.50	365	340.00	405	4.34	441	5.31	475	6.29	<b>507</b>	<b>7.28</b>	537	8.29	566	9.31
10164	2200	284	1.95	334	2.91	377	3.91	415	4.91	451	5.95	484	7.01	515	8.08	<b>544</b>	<b>9.17</b>	572	10.27
11088	2400	300	2.34	348	3.38	389	4.44	427	5.53	461	6.64	493	7.77	524	8.93	552	10.10	<b>580</b>	<b>11.28</b>
12012	2600	316	2.79	632	3.90	403	5.04	539	6.20	472	7.39	503	8.60	533	9.83	561	11.07	588	12.33
12936	2800	333	3.29	377	4.49	416	5.71	451	6.91	484	8.20	514	9.48	543	10.79	571	12.11	597	13.45
13860	3000	349	3.86	393	5.13	430	6.43	465	7.74	496	9.08	526	10.44	554	11.81	581	13.21	607	14.62
14784	3200	366	4.49	408	5.85	445	7.23	478	8.68	509	10.04	538	11.46	565	12.91	591	14.38	617	15.87
15708	3400	384	5.20	424	6.64	460	8.10	492	9.57	522	11.07	550	12.57	577	14.09	603	15.63	627	17.19
16632	3600	401	5.99	440	7.51	475	9.05	506	10.60	536	12.17	564	13.76	590	15.35	615	16.96	639	18.59
17556	3800	419	6.86	457	8.46	490	10.08	521	11.71	550	13.36	577	15.03	603	16.70	627	18.38	651	20.09
18480	4000	437	7.82	473	9.51	506	11.20	536	12.91	564	14.64	591	16.38	616	18.13	640	19.90	663	21.67
19404	4200	455	8.87	490	10.64	522	12.41	551	14.20	579	16.01	606	17.86	630	19.37	653	21.50	676	23.35
20328	4400	473	10.02	507	11.87	538	13.72	567	15.59	594	17.48	619	19.37	643	21.29	667	23.21	689	25.14
21252	4600	491	11.26	524	13.20	555	15.13	583	17.08	609	19.04	634	21.02	657	23.01	680	25.01	702	27.02
22176	4800	510	12.61	542	14.63	571	16.65	599	18.68	624	20.72	649	22.77	672	24.81	694	26.92	716	29.01
23100	5000	528	14.08	559	16.18	588	18.28	615	20.38	640	22.50	664	24.63	687	26.78	708	28.93	730	31.10
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6468	1400	587	7.49	615	8.33														
7392	1600	587	8.35	615	9.25	642	10.17	668	11.11	693	12.06								
8316	1800	590	9.31	617	10.25	644	11.21	669	12.21	694	13.23	718	14.27	741	15.32				
9240	2000	594	10.34	620	11.37	646	12.40	671	13.43	695	14.49	719	15.57	742	16.68	764	17.81	786	18.95
10164	2200	599	11.39	625	12.51	650	13.64	674	14.77	698	15.90	721	17.03	744	18.17	766	19.33	787	20.52
11088	2400	<b>606</b>	<b>12.47</b>	631	13.68	656	14.89	679	16.12	702	17.35	725	18.58	747	19.81	768	21.04	789	22.27
12012	2600	614	13.61	<b>638</b>	<b>14.89</b>	<b>662</b>	<b>16.19</b>	685	17.49	708	18.81	730	20.13	751	21.46	772	22.80	793	24.13
12936	2800	622	14.80	647	16.16	670	17.54	<b>693</b>	<b>18.92</b>	<b>715</b>	<b>20.32</b>	736	21.72	757	23.13	778	24.55	798	25.98
13860	3000	631	16.05	655	17.49	678	18.95	701	20.41	722	21.88	<b>743</b>	<b>23.37</b>	<b>764</b>	<b>24.86</b>	784	26.36	804	27.87
14784	3200	641	17.37	665	18.89	687	20.42	709	21.96	731	23.52	751	25.08	772	26.65	<b>791</b>	<b>28.23</b>	<b>810</b>	<b>29.82</b>
15708	3400	651	18.77	674	20.36	697	21.97	718	23.58	739	25.21	760	26.86	780	28.51	799	30.16	818	31.83
16632	3600	662	20.24	685	21.91	707	23.59	728	25.28	749	26.99	769	28.81	788	30.43	808	32.17	826	33.92
17556	3800	673	21.81	696	23.54	717	25.30	738	27.06	758	28.84	778	30.64	798	32.44	818	34.25	835	36.08
18480	4000	685	23.46	707	25.23	728	27.09	749	28.93	769	30.79	788	32.66	807	34.53	826	36.42	844	38.32
19404	4200	698	25.22	719	27.10	739	28.99	760	30.90	779	32.83	798	34.77	817	36.72	836	38.68	854	40.66
20328	4400	710	27.08	731	29.03	751	30.99	771	32.97	790	34.97	809	36.98	828	39.00	846	41.04	864	43.08
21252	4600	723	29.03	744	31.06	764	33.10	783	35.15	802	37.22	820	39.30	839	41.39	856	43.50	874	45.62
22176	4800	737	31.10	757	33.20	776	35.32	795	37.44	814	39.58	832	41.73	850	43.89	867	46.07	885	48.26
23100	5000	750	33.28	770	35.46	789	37.65	808	39.85	826	42.06	844	44.28	862	46.51	879	48.76	896	51.01
24024	5200	764	35.56	784	37.83	803	40.09	821	42.37	839	44.65	857	46.94	874	49.25	891	51.57	907	53.89
24948	5400	778	37.97	797	40.31	816	42.66	834	45.01	852	47.37	869	49.74	886	52.11	903	54.50	919	56.90
25872	5600	792	40.50	811	42.92	830	45.34	848	47.77	865	50.21	882	52.65	899	55.10	915	57.57	931	60.04
26796	5800	807	43.15	825	45.65	843	48.15	868	50.66	878	53.18	895	55.07	912	58.23	928	60.76	944	63.30
27720	6000	821	45.94	840	48.51	857	51.09	875	53.68	892	56.28	909	58.88	925	61.48	941	64.09	957	66.71
28644	6200	836	48.87	854	51.52	872	54.17	889	56.84	906	59.51	922	62.19	938	64.87	954	67.56	<b>970</b>	<b>70.25</b>
29568	6400	851	51.94	869	54.66	886	57.39	903	60.13	920	62.88	936	65.64	952	68.40	968	71.17	983	73.94
30492	6600	866	55.15	884	57.95	901	60.76	917	63.58	934	66.40	950	69.23	966	72.07	981	74.92	996	77.76
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9240	2000	828	21.28																
10164	2200	829	22.97	868	25.48	906	28.02	943	30.62										
11088	2400	830	24.77	869	27.36	907	30.05	943	32.77	978	35.54	1012	38.35						
<b>12012</b>	<b>2600</b>	833	26.78	871	29.45	908	32.19	944	35.00	979	37.90	1013	40.84	1045	43.82				
12936	2800	837	28.82	875	31.70	911	34.56	946	37.44	980	40.39	1014	43.42	1046	46.53	1077	49.67	1108	52.86
13860	3000	842	30.91	879	33.97	915	37.03	949	40.08	983	43.13	1015	46.23	1047	49.37	1078	52.60	1109	55.92
14784	3200	848	33.00	884	36.24	919	39.49	953	42.76	986	46.01	1018	49.25	1050	52.50	1080	55.79	1110	59.14
15708	3400	<b>855</b>	<b>35.19</b>	890	38.57	925	41.99	958	45.42	991	48.88	1022	52.34	1053	55.77	1083	59.21	1113	62.66
16632	3600	863	37.43	<b>897</b>	<b>40.98</b>	931	44.55	964	48.14	996	51.76	1027	55.40	1057	59.06	1087	62.71	1116	66.33
17556	3800	871	39.75	905	43.45	<b>938</b>	<b>47.18</b>	971	50.93	1002	54.71	1032	58.51	1062	62.33	1091	66.17	1120	70.03
18480	4000	880	42.15	914	46.00	946	49.89	<b>978</b>	<b>53.80</b>	<b>1009</b>	<b>57.74</b>	1039	61.69	1068	65.67	1097	69.67	1125	73.69
19404	4200	889	44.63	922	48.64	955	52.68	986	56.75	1016	60.84	<b>1046</b>	<b>64.96</b>	1075	69.10	1103	73		

# Type AH - Performance Data

IndustraCon

# 33-61

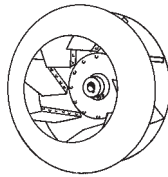


WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
57 1/2"	15.05'	33"	5.76 sq. ft.	28" x 31 1/2"	5.99 sq. ft.

Legend:  = AH15  = AH17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5990	1000	178	0.71	<b>236</b>	<b>1.35</b>	284	2.02	327	2.71	365	3.47	399	4.25						
7188	1200	187	0.90	243	1.64	288	2.42	323	3.23	366	4.04	400	4.90	431	5.80	461	6.73		
8386	1400	198	1.13	251	1.97	<b>295</b>	<b>2.85</b>	333	3.77	369	4.70	402	5.64	432	6.60	461	7.60	489	8.64
9584	1600	210	1.40	260	2.34	303	3.32	<b>340</b>	<b>4.34</b>	374	5.38	405	6.45	435	7.52	463	8.59	490	9.68
10782	1800	223	1.72	270	2.76	311	3.84	347	4.96	<b>380</b>	<b>6.11</b>	<b>411</b>	<b>7.28</b>	439	8.46	467	9.66	193	10.87
11980	2000	126	2.10	282	3.24	321	4.41	356	5.63	388	6.88	417	8.15	<b>445</b>	<b>9.44</b>	472	10.75	497	12.07
13178	2200	249	2.53	293	3.78	331	5.05	365	6.63	396	7.71	425	9.08	452	10.48	<b>478</b>	<b>11.89</b>	502	13.32
14376	2400	263	3.04	306	4.38	342	5.76	375	7.16	405	8.61	433	10.08	460	11.57	485	13.09	<b>509</b>	<b>14.62</b>
15574	2600	278	3.61	318	5.06	354	6.54	385	8.04	415	9.58	442	11.14	468	12.74	493	14.36	516	15.99
16772	2800	292	4.26	331	5.82	366	7.40	396	9.00	425	10.63	452	12.29	477	13.98	501	15.70	524	17.43
17970	3000	307	5.00	345	6.65	378	8.34	408	10.05	436	11.77	462	13.53	486	15.31	510	17.12	533	18.96
19168	3200	322	5.83	359	7.58	391	9.37	420	11.18	447	13.01	472	14.86	496	16.74	519	18.64	542	20.57
20366	3400	337	6.75	373	8.61	404	10.50	432	12.41	459	14.35	483	16.30	507	18.27	529	20.26	551	22.28
21564	3600	352	7.77	387	9.74	417	11.73	445	13.75	471	15.78	495	17.83	518	19.90	540	21.99	561	24.10
22762	3800	368	8.90	401	10.97	431	13.07	458	15.19	483	17.32	507	19.48	529	21.64	551	23.83	571	26.04
23960	4000	384	10.14	416	12.32	445	14.52	471	16.74	495	18.98	519	21.24	541	23.51	562	25.80	582	28.10
25158	4200	400	11.50	430	13.80	459	16.09	484	18.41	508	20.75	531	23.11	553	25.49	574	27.88	594	30.28
26356	4400	416	12.99	445	15.39	473	17.79	468	20.21	521	22.66	544	25.12	565	27.59	585	30.09	605	32.59
27554	4600	432	14.60	460	17.11	487	19.62	512	22.14	535	24.69	557	27.25	577	29.83	597	32.42	617	35.03
28752	4800	448	16.35	476	18.97	502	21.58	526	24.21	548	26.86	570	29.52	590	32.20	610	34.90	629	37.60
29950	5000	464	18.25	491	20.98	516	23.69	540	26.42	562	29.17	583	31.93	603	34.71	622	37.51	641	40.32
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8386	1400	515	9.71	540	10.80														
9584	1600	516	10.81	541	11.99	564	13.19	587	14.40	609	15.64								
10782	1800	518	12.07	542	13.29	565	14.54	588	15.83	609	17.16	630	18.50	651	19.86				
11980	2000	521	13.41	545	14.74	567	16.07	589	17.42	611	18.78	631	20.18	652	21.62	671	23.09	690	24.57
13178	2200	526	14.76	549	16.22	571	17.69	592	19.15	613	20.61	633	22.08	653	23.56	673	25.06	691	26.60
14376	2400	<b>532</b>	<b>16.17</b>	554	17.73	576	19.31	597	20.89	617	22.49	637	24.09	656	25.68	675	27.27	693	28.87
15574	2600	539	17.64	<b>561</b>	<b>19.31</b>	<b>582</b>	<b>20.99</b>	602	22.68	<b>622</b>	<b>24.38</b>	641	26.10	660	27.82	678	29.06	697	31.28
16772	2800	547	19.19	568	20.95	588	22.74	<b>608</b>	<b>24.53</b>	<b>628</b>	<b>26.34</b>	647	28.16	665	29.99	683	31.83	701	33.68
17970	3000	555	20.81	576	22.68	596	24.56	615	26.46	634	28.37	<b>653</b>	<b>30.30</b>	<b>671</b>	<b>32.23</b>	689	34.17	706	36.13
19168	3200	563	22.52	584	24.49	604	26.47	623	28.47	642	30.49	660	32.51	678	34.55	<b>695</b>	<b>36.60</b>	<b>712</b>	<b>38.66</b>
20366	3400	572	24.33	592	26.39	612	28.48	631	30.58	649	32.69	667	34.82	685	36.96	702	39.11	719	41.27
21564	3600	582	26.24	601	28.40	621	30.58	639	32.78	658	34.99	675	37.22	692	39.46	709	41.71	726	43.97
22762	3800	591	28.27	611	30.52	630	32.79	648	35.09	666	37.40	683	39.72	701	42.06	717	44.41	733	46.77
23960	4000	602	30.42	621	32.76	639	35.13	657	37.51	675	39.92	692	42.34	709	44.77	725	47.22	741	49.68
25158	4200	613	32.70	631	35.13	649	37.59	667	40.06	684	42.56	701	45.07	718	47.60	734	50.15	750	52.71
26356	4400	624	35.10	642	37.63	660	40.18	677	42.75	694	45.33	711	47.94	727	50.56	743	53.20	758	55.86
27554	4600	635	37.64	653	40.27	671	42.91	688	45.57	704	48.25	721	50.95	736	53.66	752	56.39	767	59.14
28752	4800	647	40.32	6655	43.05	682	45.79	699	48.54	715	51.31	731	54.10	746	56.90	762	59.72	777	62.56
29950	5000	659	43.14	676	45.97	696	48.84	710	51.66	726	54.52	741	57.40	757	60.30	772	63.21	787	66.14
31148	5200	671	46.11	688	49.04	705	51.98	721	54.93	737	57.89	752	60.86	767	63.85	782	66.85	797	69.87
32346	5400	683	49.22	700	52.26	717	55.30	733	58.35	748	61.41	763	64.48	778	67.56	793	70.66	807	73.77
33544	5600	696	52.50	712	55.64	729	58.78	744	61.94	760	65.09	775	68.26	789	71.44	804	74.63	818	77.83
34742	5800	708	55.95	725	59.18	741	62.43	756	65.68	772	68.94	786	72.21	801	75.49	815	78.77	829	82.07
35940	6000	721	59.56	737	62.90	753	66.24	768	69.60	783	72.96	798	76.33	812	79.71	826	83.09	840	86.48
37138	6200	734	63.36	750	66.79	766	70.23	781	73.69	795	77.15	810	80.63	824	74.12	838	87.59	<b>852</b>	<b>91.08</b>
38336	6400	747	67.34	763	70.87	778	74.41	793	77.96	808	81.52	822	85.10	836	88.68	850	92.26	863	95.85
39534	6600	761	71.50	776	75.13	791	78.77	806	82.42	820	86.09	834	89.76	848	93.44	862	97.12	875	100.80
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11980	2000	727	27.59																
13178	2200	728	29.78	763	33.02	796	36.33	828	39.70										
14376	2400	729	32.12	764	35.48	797	38.95	828	42.49	859	46.08	889	49.72						
15574	2600	732	34.72	765	38.19	798	41.73	829	45.38	860	49.14	889	52.95	918	56.82				
16772	2800	735	37.40	768	41.10	800	44.80	831	48.54	861	52.36	890	56.29	919	60.32	946	64.40	973	68.53
17970	3000	739	40.07	772	44.04	803	48.01	834	51.95	863	55.92	892	59.93	920	64.01	947	68.19	974	72.48
19168	3200	745	42.80	776	46.98	807	51.20	837	55.43	866	59.64	894	63.84	922	68.07	949	72.33	975	76.67
20366	3400	<b>751</b>	<b>45.62</b>	782	50.01	812	54.43	841	58.89	870	63.37	898	67.85	925	72.31	951	76.76	977	81.23
21564	3600	758	48.53	<b>788</b>	<b>53.12</b>	818	57.75	847	62.41	875	67.10	902	71.82	929	76.57	955	81.30	980	86.00
22762	3800	765	51.53	795	56.33	<b>824</b>	<b>31.17</b>	852	66.03	880	70.93	907	75.86	933	80.81	959	85.79	984	90.79
23960	4000	772	54.64	802	59.64	831	64.68	<b>859</b>	<b>69.75</b>	<b>886</b>	<b>74.85</b>	912	79.98	938	85.14	963	90.33	988	95.54
25158	4200	780	57.86	810	63.06	838	68.30	866	73.58	893	78.88	<b>919</b>	<b>84.22</b>	944	89.58	969	94.97	993	100.40
26356	4400	7																	

## 37-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
64 <sup>3</sup> / <sub>8</sub> "	16.85'	37"	7.27 sq. ft.	31 <sup>1</sup> / <sub>2</sub> " x 35 <sup>3</sup> / <sub>16</sub> "	7.51 sq. ft.

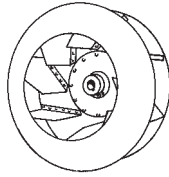
Legend:  = AH15  = AH17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7510	1000	159	0.88	<b>211</b>	<b>1.69</b>	254	2.53	292	3.40	326	4.34	357	5.33	385	7.27	412	8.43		
9012	1200	167	1.12	217	2.06	258	3.04	294	4.04	327	5.06	357	6.14	386	8.27	412	9.53	437	10.83
10514	1400	177	1.41	224	2.47	<b>263</b>	<b>3.58</b>	298	4.72	329	5.90	359	7.07	389	9.42	414	10.76	438	12.13
12016	1600	188	1.76	232	2.93	270	4.17	<b>304</b>	<b>5.44</b>	334	6.75	362	8.08	389	9.42	414	10.76	438	12.13
13518	1800	199	2.16	242	3.46	278	4.81	310	6.22	<b>340</b>	<b>7.66</b>	<b>367</b>	<b>9.12</b>	392	10.61	417	12.11	440	13.62
15020	2000	211	2.63	252	4.06	286	5.53	318	7.06	346	8.62	373	10.22	<b>398</b>	<b>11.84</b>	421	13.47	444	15.13
16522	2200	223	3.18	262	4.73	296	6.33	326	7.97	354	9.66	380	11.38	404	13.13	<b>427</b>	<b>14.90</b>	449	16.69
18024	2400	235	3.81	273	5.49	305	7.22	335	8.98	362	10.79	387	12.63	411	14.51	433	16.41	<b>455</b>	<b>18.33</b>
19526	2600	258	4.53	284	6.34	316	8.20	344	10.08	370	12.00	395	13.97	418	15.97	440	17.99	461	20.04
21028	2800	261	5.34	296	7.29	327	9.27	354	11.28	379	13.33	403	15.41	426	17.53	448	19.68	468	21.85
22530	3000	274	6.27	308	8.34	338	10.45	364	12.59	389	14.76	412	16.96	434	19.19	456	21.46	476	23.76
24032	3200	187	7.30	320	9.51	349	11.75	375	14.02	399	16.31	422	18.63	443	20.98	464	23.37	484	25.78
25534	3400	301	8.46	333	10.79	361	13.16	386	15.56	410	17.98	432	20.43	453	22.90	473	25.40	492	27.93
27036	3600	315	9.74	345	12.21	373	14.70	397	17.23	420	19.78	442	22.35	463	24.95	482	27.56	501	30.21
28538	3800	329	11.15	358	13.76	385	16.38	409	19.03	431	21.71	453	24.42	473	27.13	492	29.87	510	32.64
30040	4000	343	12.71	371	15.45	397	18.20	421	20.98	443	23.79	463	26.62	483	29.47	502	32.33	520	35.22
31542	4200	357	14.42	385	17.29	410	20.17	433	23.08	454	26.01	474	28.97	494	31.95	512	34.94	530	37.95
33044	4400	371	16.28	398	19.29	422	22.30	445	25.34	466	28.40	486	31.48	505	34.59	523	37.71	540	40.85
34546	4600	386	18.30	411	21.45	435	24.59	457	27.76	478	30.94	497	34.16	513	37.39	534	40.64	551	43.90
36048	4800	400	20.50	425	23.78	448	27.05	470	30.35	490	33.67	509	37.00	527	40.36	545	43.74	562	47.13
37550	5000	414	22.87	439	26.29	461	29.70	482	33.12	502	36.56	521	40.03	539	43.51	556	47.02	572	50.54
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
10514	1400	460	12.17	482	13.53														
12016	1600	461	13.55	483	15.03	504	16.53	524	18.05	544	19.60								
13518	1800	463	15.12	484	16.65	505	18.22	525	19.87	544	21.51	563	23.19	581	24.89				
15020	2000	466	16.81	487	18.48	507	20.15	526	21.83	545	23.54	564	25.30	582	27.10	600	28.94	617	30.80
16522	2200	470	18.50	490	20.33	510	22.17	529	24.01	548	25.84	566	27.67	583	29.53	601	31.42	618	33.34
18024	2400	<b>475</b>	<b>20.27</b>	495	22.23	514	24.20	533	26.19	551	28.19	569	30.20	586	32.19	603	34.18	619	36.19
19526	2600	481	22.11	<b>501</b>	<b>24.20</b>	<b>520</b>	<b>26.31</b>	538	28.43	555	30.56	573	32.71	589	34.87	606	37.05	622	39.21
21028	2800	488	24.05	507	26.26	526	28.50	<b>543</b>	<b>30.75</b>	<b>561</b>	<b>33.02</b>	577	35.30	594	37.59	610	39.90	626	42.22
22530	3000	495	26.08	514	28.43	532	30.79	550	33.17	567	35.56	<b>583</b>	<b>37.97</b>	<b>599</b>	<b>40.40</b>	615	42.84	630	45.29
24032	3200	503	28.23	521	30.69	539	33.18	556	35.69	573	38.21	589	40.75	605	43.31	<b>621</b>	<b>45.87</b>	<b>636</b>	<b>48.45</b>
25534	3400	511	30.49	529	33.03	547	35.69	564	38.32	580	40.97	596	43.64	612	46.32	627	49.02	642	51.73
27036	3600	519	32.89	537	35.60	554	38.33	571	41.08	587	43.86	603	46.65	619	49.46	634	52.28	648	55.11
28538	3800	528	35.43	546	38.26	563	41.11	579	43.98	595	46.87	610	49.79	626	52.72	641	55.66	655	58.63
30040	4000	538	38.13	555	41.07	571	44.03	587	47.02	603	50.03	618	53.06	633	56.12	648	59.19	662	62.27
31542	4200	547	40.98	564	44.03	580	47.11	596	50.22	611	53.34	626	56.50	641	59.67	656	62.86	670	66.06
33044	4400	557	44.00	574	47.17	589	50.36	605	53.58	620	56.82	635	60.09	649	63.38	663	66.69	677	70.01
34546	4600	567	47.18	584	50.47	599	53.79	614	57.12	629	60.48	644	63.86	658	67.26	672	70.68	688	74.13
36048	4800	578	50.54	594	53.96	609	57.39	624	60.84	638	64.31	653	67.81	667	71.32	680	74.86	694	78.42
37550	5000	589	54.07	604	57.62	619	61.18	634	64.75	648	68.34	662	71.95	676	75.58	689	79.23	703	82.90
39052	5200	599	57.79	615	61.47	630	65.15	644	68.85	658	72.56	672	76.28	685	80.03	699	83.79	712	87.58
40554	5400	610	61.70	625	65.50	640	69.32	654	73.14	668	76.97	682	80.82	695	84.68	708	88.56	721	92.46
42056	5600	621	65.81	636	69.74	651	73.68	665	77.63	679	81.59	692	85.56	705	89.54	718	93.54	731	97.56
43558	5800	633	70.12	647	74.18	662	78.25	676	82.33	689	86.42	702	90.51	715	94.62	728	98.74	740	102.90
45060	6000	644	74.66	659	78.84	672	83.03	686	87.23	700	91.45	713	95.68	726	99.91	738	104.10	750	108.40
46562	6200	656	79.41	670	83.72	684	88.03	697	92.36	711	96.70	723	101.10	736	105.40	749	109.80	761	114.20
48064	6400	668	84.40	682	88.83	695	93.26	708	97.72	721	102.20	734	106.70	747	111.20	759	115.60	771	120.10
49566	6600	680	89.62	693	94.17	707	98.73	720	103.30	733	107.90	745	112.50	757	117.10	770	121.70	781	126.40
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
15020	2000	649	34.58																
16522	2200	650	37.32	681	41.39	711	45.54	740	49.76										
18024	2400	651	40.26	682	44.47	712	48.83	740	53.26	767	57.76	794	62.33						
19526	2600	653	43.52	684	47.86	713	52.30	741	56.88	768	61.59	794	66.37	820	71.21				
21028	2800	657	46.88	686	51.51	715	56.15	742	60.84	769	65.63	795	70.55	820	75.60	845	80.72	869	85.89
22530	3000	660	50.22	689	55.20	717	60.17	745	65.12	771	70.09	797	75.12	822	80.23	846	85.47	870	90.85
24032	3200	665	53.65	694	58.89	721	64.17	748	69.48	774	74.76	799	80.02	823	85.31	847	90.66	871	96.10
25534	3400	<b>671</b>	<b>57.18</b>	698	62.68	725	68.23	752	73.81	777	79.43	802	85.05	826	90.63	850	96.21	873	101.80
27036	3600	677	60.83	<b>704</b>	<b>66.59</b>	730	72.39	756	78.23	781	84.11	806	90.03	829	95.97	853	101.90	875	107.80
28538	3800	683	64.59	710	70.61	<b>736</b>	<b>76.67</b>	761	82.77	786	88.90	810	95.08	833	101.30	856	107.50	879	113.80
30040	4000	690	68.49	717	74.76	742	81.07	<b>767</b>	<b>87.43</b>	<b>791</b>	<b>93.82</b>	815	100.30	838	106.70	860	113.20	882	119.70
31542	4200	697	72.53	723	79.04	749	85.61	773	92.22	797	98.87</								

# Type AH - Performance Data

IndustraCon

# 41-61



WHEEL		INLET		OUTLET	
Dia.	Cir.	Outside Dia.	Inside Area	Outside Dim.	Inside Area
71 <sup>1</sup> / <sub>4</sub> "	18.65'	41"	8.95 sq. ft.	34 <sup>13</sup> / <sub>16</sub> " x 38 <sup>15</sup> / <sub>16</sub> "	9.20 sq. ft.

Legend:  = AH15  = AH17

CFM	OV	STATIC PRESSURE																	
		0.50		1.00		1.50		2.00		2.50		3.00		3.50		4.00		4.50	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9200	1000	144	1.08	<b>191</b>	<b>2.07</b>	2229	3.10	264	4.17	294	5.32	322	6.53						
11040	1200	151	1.38	196	2.52	233	3.72	265	4.95	295	6.20	323	7.52	348	8.91	372	10.33		
12880	1400	160	1.73	203	3.02	<b>238</b>	<b>4.38</b>	269	5.79	298	7.22	324	8.66	349	10.13	372	11.67	395	13.27
14720	1600	170	2.15	210	3.59	244	5.10	<b>274</b>	<b>6.67</b>	302	8.27	327	9.90	351	11.54	374	13.19	396	14.86
16560	1800	180	2.64	218	4.24	251	5.90	280	7.62	<b>307</b>	<b>9.38</b>	<b>331</b>	<b>11.17</b>	355	12.99	377	14.84	398	16.68
18400	2000	190	3.22	227	4.97	259	6.78	287	8.65	313	10.56	337	12.52	<b>359</b>	<b>14.50</b>	381	16.51	401	18.54
20240	2200	201	3.89	237	5.80	267	7.75	294	9.77	320	11.84	343	13.95	365	16.09	<b>386</b>	<b>18.26</b>	405	20.45
22080	2400	212	4.66	247	6.73	276	8.84	302	11.00	327	13.21	350	15.47	371	17.77	391	20.10	<b>411</b>	<b>22.45</b>
23920	2600	224	5.54	257	7.77	285	10.04	311	12.35	335	14.70	357	17.11	378	19.56	398	22.04	417	24.55
25760	2800	236	6.55	267	8.93	295	11.36	320	13.82	343	16.32	364	18.87	385	21.47	404	24.10	423	26.77
27600	3000	248	7.68	278	10.22	305	12.80	329	15.43	352	18.08	370	20.77	393	23.51	412	26.29	430	29.11
29440	3200	260	8.94	289	11.65	315	14.39	339	17.17	361	19.98	381	22.82	401	25.70	419	28.62	437	31.58
31280	3400	272	10.36	301	13.22	326	16.12	349	19.06	370	22.03	390	25.02	409	28.05	427	31.11	445	34.21
33120	3600	284	11.93	312	14.95	337	18.01	359	21.11	380	24.23	399	27.38	418	30.56	436	33.77	453	37.01
34960	3800	297	13.66	324	16.85	348	20.07	369	23.32	390	26.60	409	29.91	427	33.24	445	36.60	461	39.98
36800	4000	310	15.57	335	18.92	359	22.30	380	25.70	400	29.14	419	32.61	437	36.10	454	39.61	470	43.14
38640	4200	322	17.66	347	21.18	370	24.71	391	28.27	410	31.87	429	35.49	446	29.14	463	42.80	479	46.49
40480	4400	335	19.94	359	23.62	382	27.32	402	31.04	421	34.79	439	38.56	456	42.37	472	46.20	488	50.04
42320	4600	348	22.42	372	26.27	393	30.12	413	34.00	432	37.91	449	41.84	466	45.80	482	49.78	498	53.78
44160	4800	361	25.11	384	29.13	405	33.14	424	37.18	442	41.24	460	45.33	476	49.44	492	53.58	507	57.74
46000	5000	374	28.02	396	32.21	417	26.38	436	40.57	454	44.79	470	49.03	487		502	57.59	517	61.91
CFM	OV	5.00		5.50		6.00		6.50		7.00		7.50		8.00		8.50		9.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
12880	1400	416	14.91	436	16.58														
14720	1600	416	16.60	436	18.41	455	20.25	474	22.11	491	24.02								
16560	1800	418	18.53	437	20.40	456	22.32	474	24.31	492	26.34	509	28.41	525	30.50				
18400	2000	421	20.59	440	22.64	458	24.63	476	26.74	493	28.84	510	30.99	526	33.20	542	35.45	557	37.73
20240	2200	425	22.67	443	24.90	461	27.16	478	29.41	495	31.65	511	33.90	527	36.17	543	38.48	558	40.84
22080	2400	<b>429</b>	<b>24.83</b>	447	27.23	465	29.64	481	32.08	498	34.53	514	36.99	529	39.43	545	41.87	560	44.33
23920	2600	435	27.09	<b>452</b>	<b>29.65</b>	<b>469</b>	<b>32.22</b>	486	34.82	502	37.44	517	40.07	533	42.72	548	45.38	562	48.03
25760	2800	441	29.46	458	32.17	475	34.91	<b>491</b>	<b>37.67</b>	<b>507</b>	<b>40.44</b>	522	43.24	537	46.05	551	48.87	565	51.71
27600	3000	448	31.95	464	34.82	481	37.72	497	40.63	512	43.57	<b>527</b>	<b>46.52</b>	<b>541</b>	<b>49.49</b>	556	52.47	570	55.47
29440	3200	454	34.58	471	37.60	487	40.65	503	43.72	518	46.81	533	49.92	547	53.05	<b>561</b>	<b>56.19</b>	<b>574</b>	<b>59.35</b>
31280	3400	462	37.35	478	40.53	494	43.72	509	46.95	524	50.19	539	53.46	553	56.74	566	60.05	580	63.37
33120	3600	469	40.29	485	43.61	501	46.95	516	50.03	531	53.72	545	57.14	559	60.58	572	64.04	586	67.52
34960	3800	477	43.41	493	46.86	508	50.35	523	53.87	538	57.42	552	60.99	565	64.58	579	68.19	592	71.82
36800	4000	486	46.71	501	50.30	516	53.94	531	57.60	545	61.29	559	65.00	572	68.74	585	72.50	598	76.28
38640	4200	494	50.20	509	53.94	524	57.71	538	61.51	552	65.35	566	69.21	579	73.09	592	77.00	605	80.93
40480	4400	503	53.90	518	57.78	533	61.69	547	65.64	560	69.61	574	73.61	587	77.64	599	81.69	612	85.77
42320	4600	513	57.80	527	61.83	541	65.89	555	69.97	568	74.09	581	78.22	594	82.39	607	86.59	619	90.81
44160	4800	522	61.91	536	66.10	550	70.30	564	74.53	577	78.79	590	83.06	602	87.37	615	91.70	627	96.06
46000	5000	532	66.24	546	70.58	559	74.94	573	79.32	586	83.82	598	88.14	611	92.58	623	97.05	635	101.60
47840	5200	541	70.79	555	75.30	569	79.81	582	84.34	595	88.88	607	93.45	619	98.04	631	102.60	643	107.30
49680	5400	551	75.58	565	80.34	578	84.91	591	89.59	604	94.29	616	99.00	628	103.70	640	108.50	651	113.30
51520	5600	561	80.61	575	85.43	588	90.26	601	95.10	613	99.95	625	104.80	637	109.70	649	114.60	660	119.50
53360	5800	572	85.90	585	90.87	598	95.85	610	100.90	623	105.90	635	110.90	646	115.90	658	121.00	669	126.00
55200	6000	583	91.46	595	96.57	608	101.70	620	106.90	632	112.00	644	117.20	656	122.40	667	127.60	678	132.80
57040	6200	593	97.28	605	102.60	618	107.80	630	113.10	642	118.50	654	123.80	665	129.10	676	134.50	687	139.80
58880	6400	603	103.40	616	108.80	628	114.20	640	119.70	652	125.20	663	130.70	675	136.20	686	141.70	697	147.20
60720	6600	614	109.80	626	115.40	638	121.00	650	126.60	662	132.20	673	137.80	684	143.50	695	149.10	706	154.80
CFM	OV	10.00		11.00		12.00		13.00		14.00		15.00		16.00		17.00		18.00	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
18400	2000	587	42.36																
20240	2200	587	45.72	615	50.71	642	55.79	668	60.96										
22080	2400	588	49.32	616	54.47	643	59.81	669	65.24	693	70.75	717	76.35						
23920	2600	590	53.31	618	58.63	644	64.07	669	69.68	694	75.45	718	81.31	741	87.24				
25760	2800	593	57.43	620	63.10	646	68.79	671	74.00	695	80.40	718	86.43	741	92.61	764	98.88	785	105.20
27600	3000	597	61.52	623	67.62	648	73.71	673	79.77	697	85.86	720	92.02	742	98.29	764	104.70	786	111.30
29440	3200	601	65.72	627	72.14	651	78.61	676	85.12	699	91.58	722	98.03	744	104.50	766	111.10	787	117.70
31280	3400	<b>606</b>	<b>70.05</b>	631	76.79	655	83.58	679	90.42	702	97.30	724	104.20	746	111.00	768	117.90	789	124.70
33120	3600	611	74.51	<b>636</b>	<b>81.57</b>	660	88.67	683	95.83	706	103.00	728	110.30	749	117.60	770	124.80	791	132.00
34960	3800	617	79.13	642	86.49	<b>665</b>	<b>93.92</b>	688	101.40	710	108.90	732	116.50	753	124.10	774	131.70	794	139.40
36800	4000	623	83.90	648	91.58	671	99.31	<b>693</b>	<b>107.10</b>	<b>715</b>	<b>114.90</b>	736	122.80	757	130.70	777	138.70	797	146.70
38640	4200	630	88.84	654	96.83	677	104.90	699											



Furnish and install as shown on the plans, PennBarry IndustraCon fans of the arrangement indicated. Unless otherwise directed, fans shall conform to the layout shown on the drawings.

Fans shall be constructed of low carbon steel and painted with an approved corrosion resistant coating. Each fan shall receive a documented inspection by a qualified inspector before leaving the factory. Inspection of welding, dimensions, bearings and overall workmanship shall be included.

## Wheels and Housings

Wheel diameters, inlet areas and outlet areas shall be in accordance with standard adopted by AMCA for industrial fans. All housings shall be continuously welded throughout. Housings shall be constructed of heavy-gauge steel and shall be suitably braced to resist vibration and pulsation.

## Wheel Type

The wheel type shall be:

- OT – Heavy steel radial blades welded to steel spiders; suitable for general material handling applications.
- WT – Heavy steel radial blades welded to steel hub and conical backplate; suitable for handling fibrous materials.
- AH – Heavy steel backward inclined blades welded to heavy steel backplate and wheel cone; suitable for handling clean air, fumes or light dust.

## Shafts

Shafts shall be 1040-45 SAE steel. The first critical speed shall be at least 142% of fan's maximum operating speed.

## Bearings

All fans shall contain bearings designed for heavy-duty service with an L-10 life of 40,000 hours minimum, or average fatigue life of 200,000 hours or more. This performance is based on the fan's maximum operating speed. Bearings shall be heavy-duty, self-aligning pillowblock type. They shall be either single row or double row spherical roller in a one-piece cast iron housing, or a double row spherical roller type in a split cast iron pillowblock.

## Accessories

Accessories shall be provided as called for in the plans and specifications. Required accessories include special bearings, spark resistant construction, access door, drain, variable inlet vanes with stainless steel rods, discharge shutter, discharge damper, shaft seal, inlet flange, discharge flange, companion flanges, belt guard, shaft guard, weather cover, split housing, inlet bell and screen, abrasion resistant steel, special coating.

## Performance

Performance shall be based on tests conducted in accordance with AMCA standard test codes for Air Moving Devices and shall be licensed to bear the AMCA certified air rating seal. Fan manufacturer shall provide sound power ratings in the 8 octave bands and shall be based on AMCA Standard 300-85. Such sound power ratings shall be in decibels references  $10^{-12}$ .

## Balancing

A factory dynamic balance shall be made on all fans after their assembly. An IRD analyzer shall be used to measure velocity, and the final reading shall not exceed 0.1 inches per second. The exact level of vibration shall be recorded on the fan as proof of the final dynamic balance at the factory.

## Submittals

Submittals for approval of equipment shall include \_\_\_\_\_ copies of outline drawings, sound power ratings and pressure-volume performance curves showing point of operation.



# One Year Limited Warranty

IND IndustraCon™ Fans

---

## What Products Are Covered

PennBarry Commercial and Industrial Fans (each, a “PennBarry Product”)

## One Year Limited Warranty For PennBarry Products

PennBarry warrants to the original commercial purchaser that the PennBarry Products will be free from defects in material and workmanship for a period of one (1) year from the date of shipment.

## Exclusive Remedy

PennBarry will, at its option, repair or replace (without removal or installation) the affected components of any defective PennBarry Product; repair or replace (without removal or installation) the entire defective PennBarry Product; or refund the invoiced price of the PennBarry Product. In all cases, a reasonable time period must be allowed for warranty repairs to be completed.

## What You Must Do

In order to make a claim under these warranties:

1. You must be the original commercial purchaser of the PennBarry Product.
2. You must promptly notify us within the warranty period of any defect and provide us with any substantiation that we may reasonably request.
3. The PennBarry Product must have been installed and maintained in accordance with good industry practice and any specific PennBarry recommendations.

## Exclusions

These warranties do not cover defects caused by:

1. Improper design or operation of the system into which the PennBarry Product is incorporated.
2. Improper installation.
3. Accident, abuse or misuse.
4. Unreasonable use (including any use for non-commercial purposes, failure to provide reasonable and necessary maintenance as specified by PennBarry, misapplication and operation in excess of stated performance characteristics).
5. Components not manufactured by PennBarry.

## Limitations

1. In all cases, PennBarry reserves the right to fully satisfy its obligations under the Limited Warranties by refunding the invoiced price of the defective PennBarry Product (or, if the PennBarry Product has been discontinued, of the most nearly comparable current product).
2. PennBarry reserves the right to furnish a substitute or replacement component or product in the event a PennBarry Product or any component of the product is discontinued or otherwise unavailable.
3. PennBarry's only obligation with respect to components not manufactured by PennBarry shall be to pass through the warranty made by the manufacturer of the defective component.

## General

**The foregoing warranties are exclusive and in lieu of all other warranties except that of title, whether written, oral or implied, in fact or in law (including any warranty of merchantability or fitness for a particular purpose).**

**PennBarry hereby disclaims any liability for special, punitive, indirect, incidental or consequential damages, including without limitation lost profits or revenues, loss of use of equipment, cost of capital, cost of substitute products, facilities or services, downtime, shutdown or slowdown costs.**

The remedies of the original commercial purchaser set forth herein are exclusive and the liability of PennBarry with respect to the PennBarry Products, whether in contract, tort, warranty, strict liability or other legal theory shall not exceed the invoiced price charged by PennBarry to its customer for the affected PennBarry Product at the time the claim is made.

Inquiries regarding these warranties should be sent to: PennBarry, 1401 North Plano Road, Richardson, TX 75081.

# OTHER PENNBARRY PRODUCTS

## CENTRIFUGAL PRODUCTS



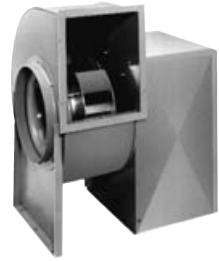
**Domex**  
Centrifugal  
Roof Exhausters



**Fumex Fatrap**  
Kitchen Hood Centrifugal  
Roof Exhausters



**Zephyr**  
Ceiling and Inline Fans



**Dynamo**  
Centrifugal Blowers



**Centrex Inliner**  
Centrifugal Inline Fans



**LC Dynafan**  
Low Contour Centrifugal  
Roof Exhausters

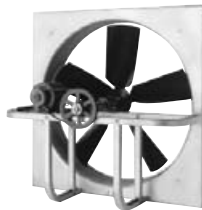


**ESI**  
Efficient Silent  
Inline Fan



**Fume Exhaust**  
Curb Mounted  
Centrifugal Fans

## AXIAL / GRAVITY PRODUCTS



**Breezeway**  
Propeller Wall Fans



**HI-EX**  
Power Roof Ventilator



**Tubeaxial**  
Inline Fans



**Vaneaxial**  
Inline Fans



**Powered Airette**  
Axial Roof Ventilators



**Airette**  
Gravity Intake/Relief Hood



**Domex Axial**  
Axial Roof Ventilators



**Axcentrix**  
Bifurcator Fan

For more information contact your local PennBarry Sales  
Manufacturer Representative or visit us at [www.PennBarry.com](http://www.PennBarry.com)