



DIVERSI-TECH inc.

Fred 01-T
01C-T
02C-T
www.diversitech.ca



FRED 01-T

PORTABLE SELF-CLEANING FUME EXTRACTOR *featuring* FUME TRACKING

The FRED-01-T features the Fume Tracker™ Capture Arm which automatically repositions itself above the fume source. With the arm and hood correctly positioned, smoke and fumes from welding are captured leaving the welders hands free to work more efficiently.

The FRED 01-T fume extractor is designed to remove industrial contaminants such as welding smoke and fumes as small as 0.5 micron. The patented injection self-cleaning system cleans the filter to insure constant suction with minimal maintenance.

Total Air/Energy
SOLUTIONS
Technology • Efficiency • Performance



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FEATURES:

- **FUME TRACKER™** Capture Arm (Patented)
- Hands Free Capture of Fumes
- 220 Sq. Ft. Cartridge Filter
- 10 Ft. Arm Reach - 110v / Single Phase
- OSHA Compliant

OPTIONS:

- Nano Fiber Filter / HEPA Filter
- Extra Length Arm (13 Ft.)
- Ceiling Mounted (02C)
- 5HP / 3 Phase 1800 CFM
- Standard Capture Arm (Non-Tracking)

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How The Injection Self-Cleaning System Works

The FRED™01-T self-cleaning system eliminates the need for costly maintenance and frequent filter changes. Compressed air is blown through the filter in the reverse direction, thus dislodging smoke and dust from the filter. The solid pollutants are then collected in a dust drawer or a hopper and emptied periodically. The patented ICS (Injection Cleaning System) releases shop air through a rotating jet that is driven up and down by a screw inside the filter cartridge. The cleaning system is automatically activated each time the unit is turned off.

MODEL DESCRIPTION	FRED 01-T SPECS	FRED 01C-T SPECS	FRED 02C-T SPECS
FUME TRACKER™ Capture Arm	7" Dia x 10' Long Externally Articulated	7" Dia x 10' Long Externally Articulated	2 - 7" Dia. x 10' Long Externally Articulated
C.F.M.	1200 CFM	1200 CFM	1800 CFM (900/Arm)
Inlet Velocity/Hood	4000 FPM	4000 FPM	3600 FPM / Arm
Motor	1.5HP TEFC Motor (120-220/1/60-50Hz)	1.5HP TEFC Motor (120-220/1/60-50HZ)	5HP TEFC Motor (208-230/460/575/3/60-50HZ)
Fan Type	Backward Inclined	Backward Inclined	Backward Inclined
Main Filter	220 Sq. Ft. Cartridge 99.8% @ 0.5 Micron	220 Sq. Ft. Cartridge 99.8% @ 0.5 Micron	220 Sq. Ft. Cartridge 99.8% @ 0.5 Micron
Construction	14 Ga. Welded Steel Cabinet	14 Ga. Welded Steel Cabinet	14 Ga. Welded Steel Cabinet
Dimension (WxLxH)	30"x35"x43" (Includes Casters)	30"x35"x68" (Includes Hopper)	30"x35"x68" (Includes Hopper)
Weight	300 Lbs.	300 Lbs.	400 Lbs
Noise Level	72dBA @ 5 Ft.	79dBA @ 5 Ft.	79dBA @ 5 Ft.
Gas Adsorber	Carbon Impregnated Polyester Substrate	Carbon Impregnated Polyester Substrate	Carbon Impregnated Polyester Substrate

