

**Brand Name:** IAP Air Products  
**Product Name:** W02-01  
**Product Class:** Fume Arms  
**Date:** 2-12-2018

The IAP Air Products Fume Arm shall be a smooth galvanized steel tube construction (powder coated blue) with no internal air flow restrictions, with a manual damper integrated into the lower tube assembly. The support spring (hanging arms) or gas shock (standing arms) shall be externally mounted. The hood shall be aluminum (powder coated yellow) with an integrated air diverter inside the hood, and surrounding grab handle (powder coated black). The fume arm shall have external joints and adjustment points with friction discs for smooth operational movements. The elbow joints shall be cast aluminum (powder coated black), connected with a fire retardant flexible hose with a temperature rating of 275 degrees F, and stainless-steel worm clamps. The rotating base shall be a heavy-duty steel construction (powder coated yellow), with 345° degree swivel capabilities with predrilled mounting holes to the wall bracket. The wall bracket shall be a heavy-duty steel construction (powder coated black), with (4) ½” holes predrilled for wall or column mounting. Contractor needs to ensure field supplied supplemental wall blocking that will support the weight of the arm is pre-installed before fume arm installation.

Arm Part #	Tube Diameter [inches]	Arm Length [Feet]	Hood Diameter [inches]	Mounting Configuration	Typical Restrictions and Air Flow [inches wg]	Arm, Bracket and Hood Weight [lbs]
W02-01-0710	3"	3'	6"	Hanging or Standing	5.0 @ 175 cfm	11.0
W02-01-1015	4"	5'	8"	Hanging or Standing	4.3 @ 350 cfm	20.9
W02-01-1025	4"	8'	8"	Hanging	4.3 @ 350 cfm	24.4
W02-01-1220	5"	7'	10"	Hanging or Standing	3.5 @ 540 cfm	43.2
W02-01-1230	5"	10'	10"	Hanging	3.5 @ 540 cfm	46.5
W02-01-1620	6"	7'	12"	Hanging or Standing	3 @ 800 cfm	57.5
W02-01-1630	6"	10'	12"	Hanging or Standing	3 @ 800 cfm	59.7
W02-01-1640	6"	14'	12"	Hanging	3 @ 800 cfm	65.2
W02-01-2020	8"	7'	14"	Hanging or Standing	2.5 @ 1350 cfm	77.8
W02-01-2030	8"	10'	14"	Hanging or Standing	2.5 @ 1350 cfm	83.3
W02-01-2040	8"	14'	14"	Hanging	2.5 @ 1350 cfm	93.2

Design and Product selection is based on IAP Air Products, [www.IAP-AirProducts.com](http://www.IAP-AirProducts.com), 931-372-0050 x4, [Sales@IAP-AirProducts.com](mailto:Sales@IAP-AirProducts.com)