

PORTABLE CARTRIDGE STYLE MODEL PFC

APPLICATIONS:
Welding Smoke & Fumes
Grinding Dust
Graphite Machining
Shops/Maintenance
Woodworking
Technical/Trade Schools



PFC8-DD32

BREATHE EASY WITH PRACTICAL, ENERGY-EFFICIENT AIR FILTRATION SOLUTIONS FROM INDUSTRIAL MAID

Industrial Maid Models PFC8 and PFC12 are in demand for source capture of welding fumes, grinding dust, plasma smoke and other nuisance dust applications. A flexible, spark-proof Z-Max fume extraction arm captures fumes and dust at a distance of 12-20" (30-50cm) from the source and within an area of 20" (0.5m) diameter. The welding fume arms are available in 6" or 8" diameter and 7', 10' or 14' lengths. The arms feature a conical hood with optimized airflow, ring positioning handle, simple exterior support joints and built-in damper.

Utilizing leading edge technologies such as our unique "Filter Hammer" sonic cleaning system ensure your mobile fume collector will perform at its best and give you a long cartridge filter service life. A simple pneumatic push button cleaning system (requires compressed air connection) and sealed dust tray make cleaning the systems a breeze. Our portable fume collectors provide ample airflow for even the heaviest welding and grinding applications. The 1 HP (PFC8) and 1.5 HP (PFC12) models will create 800 – 1200 CFM at the hood.

Industrial Maid portable fume extractors can also be fitted with an activated carbon filter which removes gases, or a 99.97% HEPA for removal of Hexavalent Chromium and other nasty pollutants. Also available is an optional 32" x 36" downdraft bench in lieu of the arm. Additional features include, easy access filter service door, tool-less filter change out and removable dust tray.



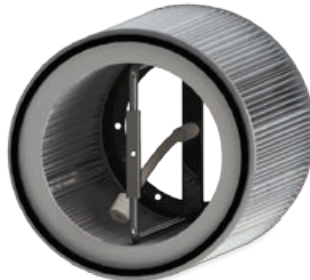
PFC8 with Cartridge Filter

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CONSTRUCTION

PORTABLE FUME COLLECTORS:

- 12, 14 & 16 Ga. Powder Coated Steel
- 5" Swivel/Lock Casters
- 10" Easy Roll Rear Wheels
- Dust Drawer w/Cam Release Lever
- Tool-less Filter Service
- 6" x 10' Self Supporting Fume Arm
- On/Off Switch with 25' Power Cord
- 220 Sq. Ft. Flame Retardant Cartridge Filter
- 1 or 1.5 HP High Pressure Motor/Blower Package



OPTIONS

- Carbon Pad for Odors
- 3 Phase Electrical
- Filter Service Gauge
- 8" x 10' Fume Arm
- Nanofiber Cartridge Filter
- HEPA Final Filter (99.97%)
- Filter Hammer Pneumatic Cleaning System

When the cartridge becomes dirty, the unit can be cleaned with the Filter Hammer Pneumatic Cleaning System.

SPECIFICATIONS

Model	Motor	Volume (CFM)	Dimensions	Weight	Blower	Filters
PFC8	1 HP TEFC 115/230/1/60	800	33"H x 43.5"L x 30"D	259 lbs.	Direct Drive BI Wheel w/ Composite Cone	(1) 80/20 FR Cartridge
PFC12	1.5 HP TEFC 115/230/1/60	1,200	33"H x 43.5"L x 30"D	263 lbs.	Direct Drive BI Wheel w/ Composite Cone	(1) 80/20 FR Cartridge
PFC8/12 DD32	1/1.5 HP TEFC 115/230/1/60	800/1,200	49"H x 43.5"L x 30"D	365 lbs.	Direct Drive BI Wheel w/ Composite Cone	(1) 200 SF Nanofiber
PFC8/12 DD32-36E	1/1.5 HP TEFC 115/230/1/60	800/1,200	73" x 4 3.5"L x 30"D	365 lbs.	Direct Drive BI Wheel w/ Composite Cone	(1) 200 SF Nanofiber
PFC8/12 DD32-36 E-120S	1/1.5 HP TEFC 115/230/1/60	800/1,200	73"H x 43.5"L x 36.5"D	414 lbs.	Direct Drive BI Wheel w/ Composite Cone	(1) 200 SF Nanofiber



351 S 12th Road, Cortland, NE 68331
(877) 624-3247 www.industrial-maid.com

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