



BREATHE EASY...Solutions for Clean, Safe Air

Model MC1500

Specifications and Technical Data

Features:

- REVOLUTIONARY ROTO-PULSE FILTER CLEANING SYSTEMS
- EXTERNALLY SUPPORTED ARMS
- DUAL ARM CAPABILITY
- VORTEX AIR FLOW PATTERN
- QUIET OPERATION
- HOOD MOUNTED CONTROLS
- LIGHTED SWIVEL HOOD FOR IMPROVED VISIBILITY
- POSITIVE SEALING CABINET AND DOOR
- FULL RANGE OF OPTIONS



Typical Applications:

SOURCE CAPTURE OF:

- HEAVY PRODUCTION WELD SMOKE/FUMES
- HEAVY GRINDING DUST
- SOLVENT ODOR CONTROL
- OTHER DUSTS/FUMES/
- ODOR CONTROL

Options:

- Automatic After-Pulse.
- Optional HEPA and Carbon Module.
- Big Wheel Kit.
- Dual Arms (6" Dia. Arms Only).
- Variety of Cartridge Filters.

Specifications

Overall Dimensions	48"H X 36 1/2" W X 35" L
Weight:	475 LBS.
Cabinet	16 GAUGE WELDED GALVANEAELED STEEL WITH EXTERIOR SURFACES GROUND SMOOTH
Finish	INDUSTRIAL GRADE TEXTURED, BAKED CRIMSON RED ENAMEL PAINT INSIDE AND OUT
Filtration	(2) EACH HIGH EFFICIENCY FIRE RETARDANT CARTRIDGES, 174 SF MEDIA EA, 348 SF MEDIA TOTAL
Cartridge Cleaning System	ROTO-PULSE® UNIQUE IROTATING TUBE WITH PRE-DRILLED HOLES. AS AIR IS PULSED INTO THE TUBE, IT ROTATES AND AIR EXITS THE PRE-DRILLED HOLES, PROVIDING A HIGHLY EFFICIENT AND TOTAL CLEANING OF THE CARTRIDGE FILTER.
Filter Access	SIDELOAD THROUGH HINGED DOOR FOR EASY ACCESS
Arm Options	6" AND 8" DIAMETER, 7', 9' LENGTH 8" DIA. SINGLE ARM OR 6" DIA. DUAL ARM OPTIONS
Motor	SINGLE SPEED, 5 HP, 3-PH, 208/230/460V, 60 HZ, TEFC MOTOR FLA 14.0 (208/230V) / FLA 7.0 (460V)
Blower	14" DIAMETER BACKWARD INCLINED IMPELLER WHEEL
Air Volume	1500 CFM NOMINAL, DEPENDING ON OPTIONS SELECTED. CONSULT BLOWER CURVES FOR DETAILS
Electrical	230/460 VOLT, 3-PHASE ELECTRICAL PLUG INCLUDED WITH 10' POWER CORD. CONTROL CORD FOR HOOD LIGHT MOUNTS FLUSH TO TOP OF CABINET. UNIT ON/OFF SWITCHES OPERATE AT 12/24 VAC FOR OPERATOR SAFETY
Noise level	79 DBA MEASURED 6' FROM THE EXHAUST GRILLE
Controls	HOOD MOUNTED, SWITCHES FOR MOTOR/BLOWER AND LIGHT. CARTRIDGE BACKFLUSH TOGGLE VALVE MOUNTED ON FRONT OF CABINET FOR EASY ACCESS AND PROTECTION FROM BREAKAGE
Castors	HEAVY DUTY CASTERS, TWO SWIVEL AND TWO FIXED

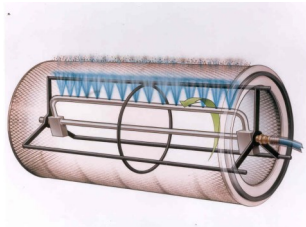
Specifications subject to change without notice.

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HOW IT WORKS

Roto-pulse Cleaning System

Air is pulsed into a specially designed stainless steel rotating tube with pre-drilled holes. As the air enters this tube, the force of the pulse causes the tube to rotate. While spinning, air exits the pre-drilled holes. The result is that air hits **the entire inside of the cartridge**, pulsing dirt particles away from the filter for an efficient cleaning cycle.



Sold and Serviced by: