

Model RP4

Specifications and Technical Data

Specifications

TYPICAL APPLICATIONS:
Source Capture of:

- Welding Smoke and Fumes
- Grinding Dust
- Powders
- Other Dry Dusts

Features:

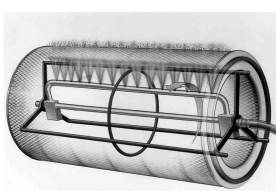
- Revolutionary Roto-Pulse® Filter Cleaning Systems
- Large Capacity Dust Drawer or Hopper
- Built-In Plug Fans, 1000-5000 CFM
- Motor Starter/Overload Protection Standard
- After Pulse Cleaning Cycle Standard
- Heavy Duty Construction
- Full Range of Options


Options:

- Hopper Setup With Long Legs and Barrel Lid Kit.
- Inlet Plenum
- Low Profile Unit With Dust Drawers.
- Silencer.
- HEPA Afterfilter.
- Variety of Cartridge Filters.
- 5HP, 7 1/2HP or 10HP Motors.
- Magnahelic or Photohelic Gauges.
- Explosion Vents.
- Outdoor Package.

How It Works

Roto-Pulse® provides for a much better cleaning of the cartridges.



The 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 turning, air exits the pre-drilled holes and is evenly distributed across the entire length of the inside of the cartridge, pulsing dirt particles

away from the filter resulting in a much more effective cleaning cycle..

Overall Dimensions	129" H X 42" W X 65" D- WITH LONG LEGS /PLENUM 80" H X 42" W X 65" D- WITH SHORT LEGS / PLENUM
Weight:	1,315 LBS. APROX.
Cabinet	14 GA. WELDED GALVANEAL STEEL WITH EXTERIOR SURFACES GROUND SMOOTH
Finish	INDUSTRIAL GRADE CRIMSON RED, TEXTURED BAKED ENAMEL PAINT INSIDE AND OUT. OPTIONAL EPOXY COAT INSIDE AND OUT AVAILABLE
Filtration	FOUR EACH HIGH EFFICIENCY, 80/20 BLEND, FIRE-RETARDANT CARTRIDGE FILTERS, 250 SF MEDIA PER FILTER, 1,000 SF TOTAL MEDIA. *MULTIPLE CARTRIDGE MEDIA OPTIONS AVAILABLE.
Cartridge Cleaning System	ROTO-PULSE® UNIQUE INCREMENTAL ROTATING 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.
Off-Line Cartridge Cleaning	STANDARD EQUIPMENT DESIGNED TO CLEAN FILTERS AFTER UNIT IS TURNED OFF FOR OPTIMAL OFF-LINE CARTRIDGE CLEANING. TIMER CAN BE ADJUSTED BETWEEN 0 AND 17 MINUTES.
Filter Access	EASY FRONT ACCESS THROUGH FILTER END CAPS
Electrical	5 HP 230 / 460V 12.8 / 6.4 AMP 7.5 HP 230 / 460V 19.0 / 9.5 AMP 10 HP 230 / 460V 24.6 / 12.3 AMP
Motor	SINGLE SPEED, 5 HP, 3-PHASE, 208-230/460V, 60 HZ, PREMIUM EFFICIENCY, TEFC MOTOR. (OPTIONAL 7.5 HP, 10 HP, ETC. AVAILABLE)
Blower	DIRECT DRIVE, HIGH STATIC, BACKWARD INCLINED PLUG FAN
Air Volume	1000-5000 CFM PER MODULE—CONSULT BLOWER CURVES FOR SPECIFICS
Filter Change Indicator	MAGNEHELIC GAUGE OR PHOTOHELIC GAUGE OPTIONS
Wind Load Rating	100 MPH.
Cabinet Pressure Rating	+/- 20 INCHES WC
Controls	FULL ELECTRICAL CONTROLS STANDARD
Inlets	OPTIONAL INLET PLENUM WITH THREE EA. 14" X 14" OPENINGS
Compressed Air	REQUIRES 80—90 PSI CLEAN, DRY AIR & MINIMUM 3/4" AIR LINE FOR OPTIMAL ROTO-PULSE FILTER CLEANING
Collection Options	HOPPER WITH 10" COLLAR OR DUST TRAY

Specifications subject to change without notice.

Sold and Serviced by:

L2218-10/18