

Model RP2

Specifications and Technical Data

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
- High Static Capability
- Motor Starter/Overload Protection Standard
- After Pulse Cleaning Cycle Standard



Options:

- Hopper With Long Legs.
- Silencer— Straight Exhaust
- Silencer—Upblast
- HEPA Afterfilter—Straight Exhaust
- HEPA Afterfilter—Upblast
- Variety of Cartridge Filters.
- 5HP Motor

Specifications

OVERALL DIMENSIONS: 75" H X 21" W X 56" D-WITH STAND
63" H X 21" W X 56" D-WITHOUT STAND

WEIGHT: 800 LBS

CABINET: 12 GAUGE WELDED GALVANEALD STEEL WITH EXTERIOR SURFACES GROUND SMOOTH.

FINISH: INDUSTRIAL GRADE TEXTURED BAKED CRIMSON RED ENAMEL PAINT INSIDE AND OUT.

FILTRATION: TWO EACH, HIGH EFFICIENCY FIRE RETARDANT CARTRIDGES. EACH FILTER HAS 174 SQ. FT. OF MEDIA, 348 SQ. FT. TOTAL.

ROTO-PULSE CLEANING SYSTEM: UNIQUE ROTATING TUBE WITH PRE-DRILLED HOLES. AS AIR IS PULSED INTO THE TUBE, IT ROTATES AND AIR EXITES THE PRE-DRILLED HOLES. THIS COMBINATION PROVIDES A HIGHLY EFFICIENT AND TOTAL CLEANING OF THE CARTRIDGE.

FILTER ACCESS: EASY ACCESS THROUGH FILTER END CAPS.

MOTOR: SINGLE SPEED, 3HP, 3-PHASE, 208/230/460V, 60 HZ, TEFC MOTOR. OPTIONAL 5HP AVAILABLE FOR HIGH STATIC APPLICATIONS.

BLOWER: DIRECT DRIVE, HIGH STATIC, BACKWARD INCLINED IMPELLER.

AIR VOLUME: 1200 CFM - CONSULT BLOWER CURVES FOR SPECIFIC CONFIGURATIONS

FILTER CHANGE INDICATOR: MAGNAHELIC OR PHOTOHELIC GAUGE OPTIONAL.

WIND LOAD RATING: 100 MPH.

CABINET PRESSURE RATING: +/- 20 INCHES W.C.

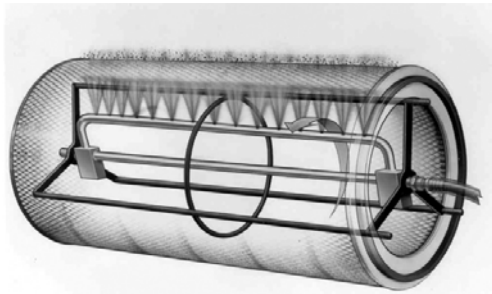
CONTROLS: SOLID STATE TIMER BOARD, FACTORY WIRED AND INSTALLED. INLETS: 6" OR 8", FRONT OR TOP.

AIR CONSUMPTION: 1.0 SCF AT 80 PSI, PER SECOND OF PULSE. FACTORY SET AT 2.7 SCFM. 3/4" LINE REQUIRED.

AFTER PULSE SYSTEM: STANDARD EQUIPMENT DESIGNED TO CLEAN FILTERS AFTER UNIT IS TURNED OFF. TIMER CAN BE ADJUSTED BETWEEN 0 AND 15 MINUTES.

HOW IT WORKS

Roto-Pulse provides for a much better cleaning of the cartridges. The air is pulsed into a specially designed aluminum 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 all of the inside of the cartridge, pulsing dirt particles away from the filter for a much more efficient cleaning cycle.



Specifications subject to change without notice.

Sold and Serviced by:

L2252-10/13