

# 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.

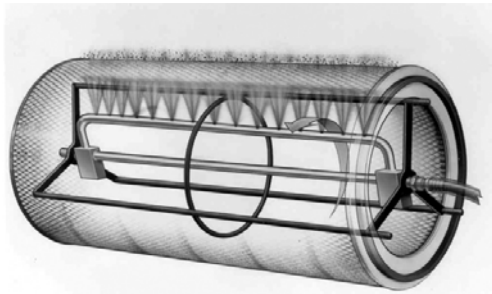
**CONTROLS:** SOLID STATE TIMER BOARD, FACTORY WIRED AND INSTALLED. INLETS: 6" OR 8", FRONT OR TOP.

**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