



Clean. Easy. RED.

# Model RP8-3

## 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 or Hopper
- Top Mount or Remote Fans
- After Pulse Cleaning Cycle Standard
- Heavy Duty Construction
- Full Range of Options
- Outdoor Rated

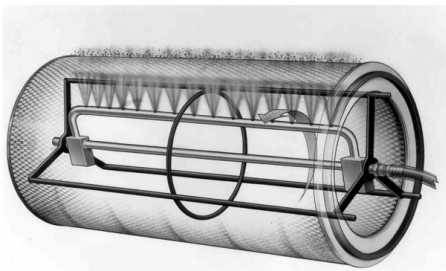
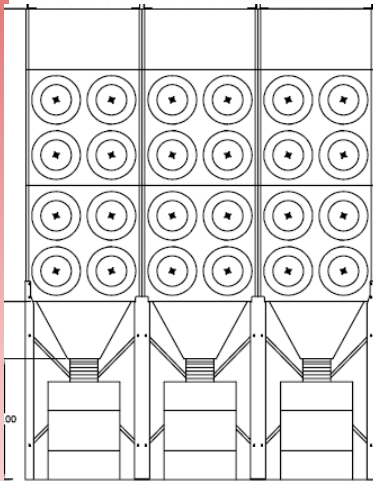
### Options:

- Hopper Setup With Long Legs and Barrel Lid Kit.
- Low Profile Unit With Dust Drawers.
- Silencer.
- HEPA Afterfilter.
- Variety of Cartridge Filters.
- Variety of Motor/Blowers.
- Magnahelic or Photohelic Gauges.
- Explosion Vents.



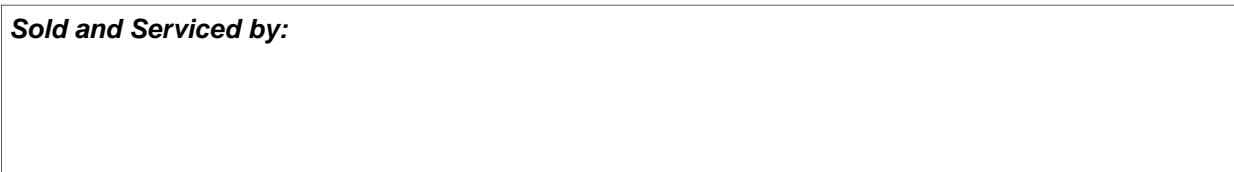
### How It Works

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 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:**



### Specifications

- OVERALL DIMENSIONS:** 174.58 H X 126" W X 48" D-WITH LONG LEGS  
110.58" H X 126" W X 48" D-WITHOUT LEGS
- WEIGHT:** 4647 LBS
- CABINET:** 12 GAUGE WELDED GALVANEAELED STEEL WITH EXTERIOR SURFACES GROUND SMOOTH.
- FINISH:** INDUSTRIAL GRADE TEXTURED BAKED CRIMSON RED ENAMEL PAINT INSIDE AND OUT.
- FILTRATION:** TWENTY FOUR EACH, HIGH EFFICIENCY FIRE RETARDANT CARTRIDGES. EACH FILTER HAS 250 SQ. FT. OF MEDIA, 6000 SQ. FT. TOTAL. OTHER FILTERS AVAILABLE.
- ROTO-PULSE CLEANING SYSTEM:** UNIQUE ROTATING TUBE WITH PRE-DRILLED HOLES. AS AIR IS PULSED INTO THE TUBE, IT ROTATES AND AIR EXITS 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:** VARIOUS SIZES AVAILABLE.
- BLOWER:** VARIABLE SIZING BASED ON APPLICATION.
- AIR VOLUME:** TYPICALLY 5000-10,000 CFM BASED ON SPECIFIC APPLICATION.
- 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:** OPTIONAL INLET PLENUM WITH THREE EACH 13" X 34" OPENINGS.
- AIR CONSUMPTION:** FACTORY SET AT 5.4 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.
- HOPPER:** 14 GAUGE WELDED STEEL WITH 10" DIAMETER OUTLET.