



**BREATHE EASY...Solutions for Clean, Safe Air**

# Model RP8-3

## Specifications and Technical Data

### Specifications

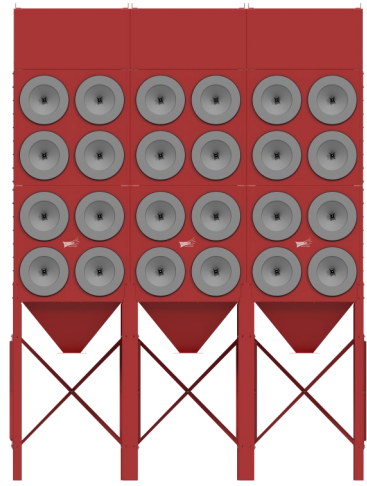
#### TYPICAL APPLICATIONS:

##### Source Capture of:

- Welding Smoke and Fumes
- Grinding / Sanding / Polishing Dust
- Powders
- Other Dry Dusts

#### Features:

- Revolutionary Roto-Pulse® Filter Cleaning Systems
- Large Capacity Dust Drawer or Hopper
- Top Mount or Remote Mount Fans
- After Pulse Cleaning Cycle Standard
- Heavy-Duty Construction
- Outdoor Rated
- Full Range of Options

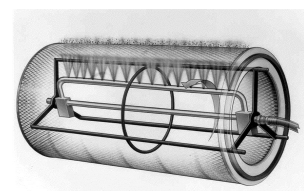


#### Options:

- Hopper Setup With Long Legs and Barrel Lid Kit.
- Low Profile Unit With Dust Drawers.
- Inlet Plenum
- Silencer.
- HEPA Afterfilter.
- Variety of Cartridge Filter Media Options
- Variety of Fan options to meet specifications
- Magnahelic or Photohelic Gauges.
- Intelli-Touch® Energy Savings Controls
- Explosion Vents.
- NFPA Compliance Components

#### 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	175" H X 126" W X 48" D— WITH LONG LEGS 126" H X 126" W X 48" D— WITH SHORT LEGS
Weight:	4,647 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	TWENTY FOUR EACH HIGH EFFICIENCY, 80/20 BLEND, FIRE-RETARDANT CARTRIDGE FILTERS, 250 SF MEDIA PER FILTER, 6,000 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	10 HP 230 / 460V 24.6 / 12.3 AMP 15 HP 230 / 460V 35.0 / 17.5 AMP 20 HP 230 / 460V 47.0 / 23.5 AMP 30 HP 230 / 460V 69.0 / 34.5 AMP *CONSULT FACTORY FOR OTHER OPTIONS
Fan— Motor/Blower	VARIOUS SIZES AVAILABLE IN TOP MOUNT, OR REMOTE MOUNT CONFIGURATION—SIZED PER APPLICATION SPECIFICATIONS
Air Volume	TYPICALLY 5,000—20,000 CFM BASED ON SPECIFIC APPLICATION
Filter Change Indicator	MAGNEHELIC GAUGE OR PHOTOHELIC GAUGE OPTIONS
Wind Load Rating	100 MPH.
Cabinet Pressure Rating	+/- 20 INCHES WC
Controls	SOLID STATE TIMER BOARD, FACTORY WIRED AND INSTALLED— FULL CONTROL PACKAGE AVAILABLE AS AN OPTION
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:**

L2611-11/18