# Model RP8-3

## Specifications and Technical Data

### 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.

### Specifications

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| 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 ENTERS 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.

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**Sold and Serviced by:**

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