



BREATHE EASY...Solutions for Clean, Safe Air

MICRO AIR FRP8-2 DUST COLLECTOR

Specifications and Technical Data

TYPICAL APPLICATIONS:

- WELD SMOKE AND FUMES
- GRINDING / POLISHING DUST
- COMPOSITES DUSTS
- ABRASIVE BLAST DUSTS
- SMOKE/ FUMES FROM LASER/PLASMA CUTTING
- PHARMACEUTICAL / FOOD PROCESSES



STANDARD FEATURES:

- REVOLUTIONARY ROTO-PULSE® FILTER CLEANING SYSTEMS
- TRUE LEDGE-LESS CONSTRUCTION FOR OSHA/NFPA COMPLIANCE
- IMPROVED AIR DELIVERY SYSTEM—RATED FOR 5 MILLION CYCLES WITH NO REQUIRED MAINTENANCE
- LARGE CAPACITY DUST DRAWER OR HOPPER
- HINGED DOOR FILTER ACCESS.
- STURDY SUPPORT SYSTEM—DOESN'T REQUIRE CROSS-BRACING IN SIESMIC ZONES 1, 2, & 3, OR IN WIND LOAD RATING ≤115 MPH
- HEAVY DUTY 12 GA. CONSTRUCTION
- RATED FOR INDOOR AND/OR OUTDOOR INSTALLATION
- INDOOR / OURDOOR RATED WITH NEW ROBUST VALVE SYSTEM RATED TO (-40°) - DOES NOT REQUIRE HEATERS IN COLD CLIMATES

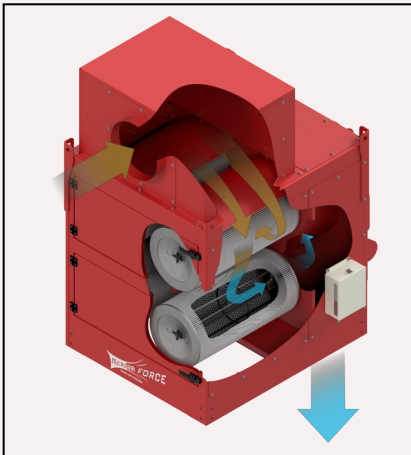
OPTIONS:

- HOPPER SETUP WITH LONG LEGS AND BARREL LID KIT. OR LOW PROFILE UNIT WITH DUST DRAWERS
- INLET PLENUM
- SILENCER.
- HEPA AFTERFILTER.
- VARIETY OF CARTRIDGE FILTER OPTIONS.
- 10, 15, 20 OR 30 HP TOP MOUNT / REMOTE MOUNT FANS—OTHER OPTIONS AVAILABLE
- MAGNAHELIC OR PHOTOHELIC GAUGES.
- FULL ELECTRICAL CONTROL PACKAGE
- DROP-OUT MODULES FOR HEAVY PARTICULATE
- INTELLI-TOUCH® ENERGY SAVING CONTROLS
- EXPLOSION VENTS, BACKBLAST DAMPERS, OSHA/NFPA COMBUSTIBLE DUST COMPLIANCE PACKAGE
- SPARK ARRESTORS
- PAINT OPTIONS: BAKED ENAMEL OR EPOXY COAT INSIDE & OUT

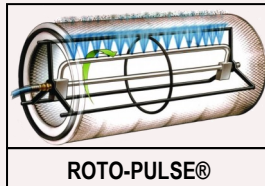
HOW IT WORKS:

Contaminated air is pulled into the inlet plenum at the top of the FRP8-2 Cabinet, then travels down through the cartridge

filter section, where the contaminant is filtered and dropped into the hopper or dust drawer. Breathe Easy, clean safe air is exhausted out the bottom of the unit. Cartridge cleaning is accomplished with Micro Air's proprietary Roto-Pulse® cleaning system, where air is pulsed



into a specially designed stainless steel, rotating tube, engineered with pre-drilled holes. As the air enters this tube, the force of the pulse causes the tube to rotate incrementally inside the cartridge. While rotating, air



ROTO-PULSE®



FRP8-2 with Intelli-Touch Energy Savings Controls and OSHA/NFPA Compliant Combustible Dust Package

exits the pre-drilled holes, resulting in air dispersement over the entire surface of the cartridge, providing for an improved cartridge cleaning cycle, compared to competitive backflush cleaning systems .



FRP8-2

