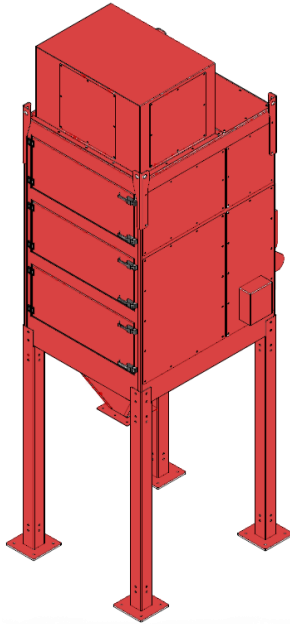


# FORCE Model FRP6

## Specifications and Technical Data

### Features:

- Revolutionary Roto-Pulse® Filter Cleaning System
- Increased cleaning efficiencies —7% more dust released from filters captured under like conditions
- True Ledge-less Construction for OSHA/NFPA Compliance
- Hinged Door Filter Access
- Large Capacity Dust Drawer or Hopper
- Built-In Plug Fans, 1000-5000 CFM
- Full Electrical Control Package—motor starter/overload/start-stop
- Sturdy 12 Ga. Construction
- Compact Modular Design
- Industry Best Warranty—10-5-1
- Improved Air Delivery System—rated for 5 million cycles with no required maintenance
- Sturdy Support System – doesn't require cross-bracing in seismic zones 1, 2, & 3 or in wind load rating ≤115 MPH
- Indoor / Outdoor 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
- Low Profile Unit With Dust Drawers
- Silencer
- 99.97% HEPA After-filter
- Variety of Cartridge Filter Media Options
- 5HP, 7 1/2HP or 10HP Motors
- Magnehelic or Photohelic Gauges
- Intelli-Touch Energy Savings Controls
- NFPA / OSHA Combustible Dust Compliance options
- Paint Options: Backed enamel or epoxy coat inside & out

### TYPICAL APPLICATIONS:

- Welding Smoke and Fumes
- Grinding / Buffing Dust
- Abrasive Blast Dust
- Powder Coating
- Sanding and Finishing
- Food Processing
- Pharmaceutical Processes
- Laser / Plasma Cutting—Smoke/Fumes
- Composites Dust

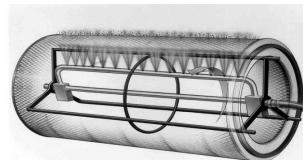
**Sold and Serviced by:**

### Specifications

Overall Dimensions	156" H X 53" W X 48" D— with long legs /plenum 108" H X 53" W X 48" D— with short legs / plenum
Weight:	1,728 lbs. aprox.
Cabinet	12 Ga. Welded Galvaneal Steel
Finish	Industrial grade crimson red, textured baked enamel paint inside and out. Optional Epoxy Coat inside and out available
Filtration	Six each high efficiency, 80/20 fire-retardant cartridge filters. 250 SF Media per filter, 1,500 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 access through hinged / latched doors
Electrical	5 HP 230 / 460V 12.8 / 6.4 Amp 7.5 HP 230 / 460V 19.0 / 9.5 Amp 10 HP 230 / 460V 24.6 / 12.3 Amp
Motor	Single speed 3-Phase, 208-230/3460V, 60 HZ, TEFC motor.
Blower	Direct Drive, high static, backward inclined plug fan
Air Volume	1000-5000 CFM—Consult blower curves for specifics
Filter Change Indicator	Magnehelic Gauge or Photohelic Gauge options
Wind Load Rating	160 MPH. with cross-bracing / 115 MPH w/o cross-bracing.
Seismic Data	S <sub>s</sub> =0.551 S <sub>i</sub> =0.132
Cabinet Pressure Rating	+/- 30 inches WC
Controls	Full Electrical Controls Standard
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.

### 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.

L2848-09/2018