

## MODEL

# MLS-01-7000-10

**Filter Cartridges:** (10) PL-12D26-A15-OC-DBG

**Media Area:** 2,130 ft²

**Dimensions:** 36" D x 36" W x 170" H (footprint)

**Weight:** 2,800 lbs. (approx.)

## Equipment:



**Control Panel (RV3.0):** A RoboVent Control System that controls the Blower and Pulsing functions through an easy to understand Interface.

**SafeSensor™:** Smoke detector.

**A15 PleatLock Filters:** Blended non-woven, MERV 15 media with optional nanofiber technology to provide maximum efficiency.

**Variable Frequency Drive (VFD):** Automatically adjusts motor speed to maintain airflow based on system pressure differential and reduce energy cost by up to 30%.

**High Performance Acoustical Silencing**

**Heavy Duty Construction:** Fully welded 7 and 11 gauge steel

**Pulsing System:** Top down pulsing utilizing the downflow design to move captured particulate into the dust tray.

10.7 SCFM@ 85 PSI

**UL & CSA Listed Controls**

**Complete Packaged Product**

**Warranty:** 15 years on the cabinet; 5 years on components (See warranty document for details)

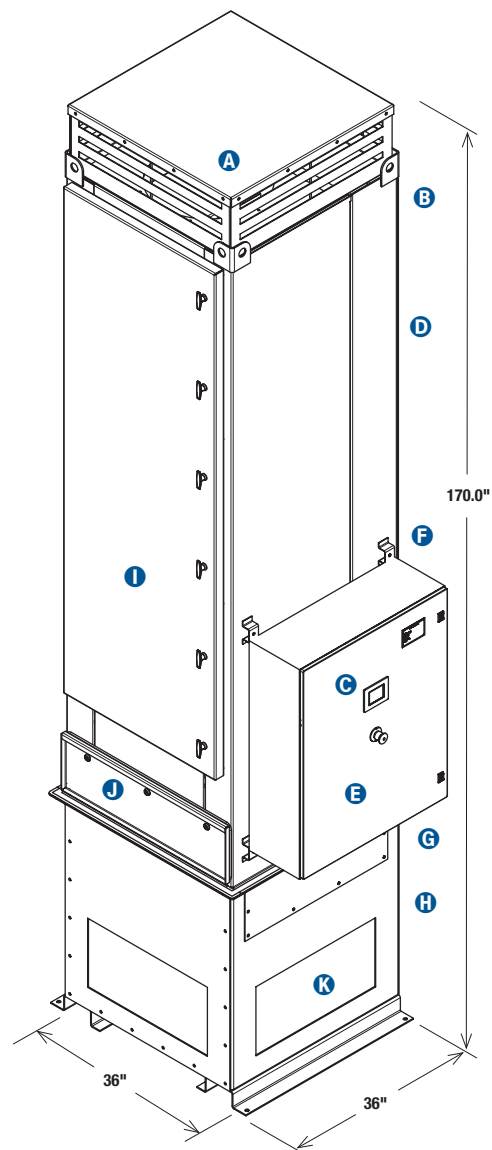
## Options:

**Supprex-200™:** A completely engineered fire suppression system activated by heat, creating a safer work environment

**AutoSaver™:** The Auto On/Off feature that reduces energy costs by running the filtration system ONLY when the welding system is turned on

**Voltage Upgrades:** 208, 230 or 575 Volts

- A** Ambient Intake
- B** Compressed Air Connection 1" NPT (2.5 cm) (Option 1) (on back)
- C** Control Panel
- D** Pulse Valve (on back)
- E** Electrical Enclosure
- F** Compressed Air Connection 1" NPT (2.5 cm) (Option 2) (on back)
- G** SafeSensor and Blower Access (on back)
- H** Motor Access (on back)
- I** Filter Door
- J** Dust Tray (15 Gal.)
- K** Air Outlet



Motor/Blower Configuration		CFM@IN S.P.	Air to Cloth Ratio	F.L. Amps @ 480V
(1) 15 HP	18" @ 85%	7000 @ 7.0"WG	3.3:1	21.0

For ambient systems, visit [robovent.com/air-filtration-equipment/vortex-series](http://robovent.com/air-filtration-equipment/vortex-series)