EV-10/15 EX DIV2 RCT MC Division 2 Mercury Collection Vacuums

Industrial Vacuums for Hazardous Materials

Dust Ignition Protected Electrically Operated Industrial Cleanroom Vacuums

Class II Division 2 Groups F & G Hazardous Locations as defined in the National Electric Code (NFPA 70)

Certified EPL Dc (Equipment Protection Level)

PrestiVac Mercury Collection Vacuums are specifically designed to safely vacuum mercury spills and other products contaminated with Mercury. The **Mersob®** Brand Activated Carbon Filtration System adsorbs the harmful, toxic Mercury vapours and fumes generated. **HEPA*Plus**** absolute filtration at 99.995% @ 0.2 micron captures any contaminated particles. This combined filtration system provides a safe and clean working environment for the operator.

PrestiVac dust ignition protected vacuums are designed to safely vacuum explosive, combustible dusts. Our dust ignition protected vacuums are completely grounded and static dissipating because they are built entirely with non-

sparking metals and do not have any painted components so there is no risk of fire or explosion from a spark or static build up. All the electrical components, including the motor and starter are protected by enclosure so there is no source of ignition.

Features:

- Powerful Motor - High Perfromance
- Stainless steel construction makes it a solid unit that is easy to clean and sterilize
- Automatic Filter Shaker
- Mercury Collection System
- Static dissipating ESD safe
- Complete with static dissipating suction hose and accessories
- Automatic suction shut off system when the collection tank is full of liquids (for Wet & Dry models)
- Stainless steel Drain valve assembly for easy emptying (for Wet & Dry models)
- RCT Removable Collection Tank system makes it easy to empty and clean
- Stainless steel storage bin for hose and accessories
- Quiet operation with only xx dB

Filtration System:

- 5-stage Filtration System for maximum performance and efficiency
- Washable Filter
- Collection Filter Bag
- **HEPA*Plus**** Filtration with an efficiency of 99.995% @ 0.2 micron. Testing Method: IEST RP-CC034.3. H14. MIL-STD 282 / A.S.T.M. - D2986-91. MPPS method EN 1822.
- **Mersob®** Brand Activated Carbon Filtration System to adsorb harmful, toxic Mercury vapours/fumes

Applications:

- Mercury spills
- Mercury Decontamination

Industries:

- Chemical
- Hospitals
- Laboratories
- Manufacturing
- Medical labs
- Metal Working
- Mining
- Oil Refinery
- Shipboard

Specifications:

Model	EV1-10/15 EX DIV2 RCT MC	EV2-10/15 EX DIV2 RCT MC	EV1-10/15 EX DIV2 RCT MC WD	EV2-10/15 EX DIV2 RCT MC WD
Air Watts	561	652	529	626
Electricity	120v / 12a / 1488w	120v / 15a / 1790w	120v / 13a / 1528w	120v / 18a / 2102w
Air Flow (CFM)	123	202	113	191
Vacuum Pressure	135	99	134	92

(H20)				
Collection Type	Dry	Dry	Wet & Dry	Wet & Dry
Capacity (gal)	10 or 15	10 or 15	10 or 15	10 or 15
dB(A) @ 6 ft				

Included Accessories:

- Static dissipating suction hose assembly
- Stainless steel double bend wand assembly
- Floor tool
- Crevice tool

Optional Accessories:

- Extension wand
- Single bend wand
- Flat tool
- Round brush
- Wall brush

Options:

- Mercury Air Analyser

Filtration Options:

- Downstream **HEPA*Plus**** Filtration with an efficiency of 99.995% @ 0.2 micron. Testing Method: IEST RP-CC034.3. H14. MIL-STD 282 / A.S.T.M. - D2986-91. MPPS method EN 1822.

If you have a special application or specific requirement, please feel free to contact us. As manufacturers, we can modify our units to meet your specific needs.

Dust Ignition Protected Division 2, MERCURY, Mercury, Dust Ignition Protected Division 2 (Electric)