

AV-10/15 RCT MC Air Operated Mercury Collection Vacuums



Industrial Vacuums for Hazardous Materials

Mercury Collection Vacuum

Industrial Compressed Air-Operated Pneumatic Vacuums for Mercury Collection

PrestiVac Mercury 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.

Industrial compressed air vacuums are the ideal choice when electricity is not available. These units do not have any electrical components or moving parts so they can run continuously and will not overheat or breakdown. The extremely powerful suction makes these units capable of vacuuming heavy debris and liquids.

Features:

- Powerful Suction - High Performance
- Stainless steel construction makes it a solid unit that is easy to clean and sterilize
- Automatic Filter Shaker
- Complete with suction hose, compressed air supply hose and accessories
- Mercury Collection System
- 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 72 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 | AV1-10/15 RCT MC | AV2-10/15 RCT M |
|-----------------------|------------------|-----------------|
| Air Flow (CFM) | 120 | 230 |
| Vacuum Pressure (H2O) | 200 | 200 |
| Collection Type | Dry | Dry |
| Capacity (gal) | 10 or 15 | 10 or 15 |
| dB(A) @ 6 ft | 72 dB | 72 dB |
| Air Line Size (I.D.) | 0.5" | 0.75" |
| Input Pressure (PSI) | 80 to 100 | 100 |

| | | | |
|----------------------|----|--|----|
| Input Air Flow (CFM) | 35 | | 70 |
|----------------------|----|--|----|

****Optional 3/8" (9.5 mm) I.D. Air Line Configuration Also Available****

Included

Accessories:

- Air supply hose assembly
- Suction hose assembly
- Stainless steel double bend wand assembly
- Floor tool
- Crevice tool

Optional Accessories:

- Extension wand
- Single bend wand
- Flat tool

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.

Mercury, Air Operated