

Tiger-Vac®

Mercury Recovery Vacuum Cleaner Systems

Model: MRV-16 (4W) Wet & Dry Recovery

- ✓ Internal HEPA Filter: 99.99% @ 0.3 micron efficiency
- ✓ Equipped with Mersorb™ activated granular carbon filter for the adsorption of mercury vapors.



- Timer (Hour Counter)
- EMI / RFI Shielded Class B
- Activated Carbon Cartridge
- HEPA Filtered with automatic liquid shut-off
- Recovery Tank for Liquids
- Nylon wheels, Acid compatible
- External Mercury Recovery Separator with a clear suction hose 1"x8' (25mm x 2.5m) P/N212211. Included are 2 recovery jars P/N 212208

Part No. 110800

Mercury Recovery Tools & Accessories

Accessories Included with MRV-16 (4W)



STANDARD TOOL KIT INCLUDED WITH MRV-16

Item	Part No.	Description
1	381364	Wand 2pcs Stainless Steel
2	381380	Floor Tool 14" (35mm) ABS with nylon bristles for dry recovery
3	381381	Floor Tool 14" (35mm) ABS with rubber blades for liquid recovery
4	381197	Crevice Tool PVC 11"
5	381207	Reducer 1.5" to 1.25"
6	323312	Round Brush PVC 3"
7	323314	Upholstery Tool PVC
8	212215	Clear Suction Hose Ø1½" x 10' (38mm x 3m)

Available Activated Carbon Cartridges

18 lbs. (8 kg)

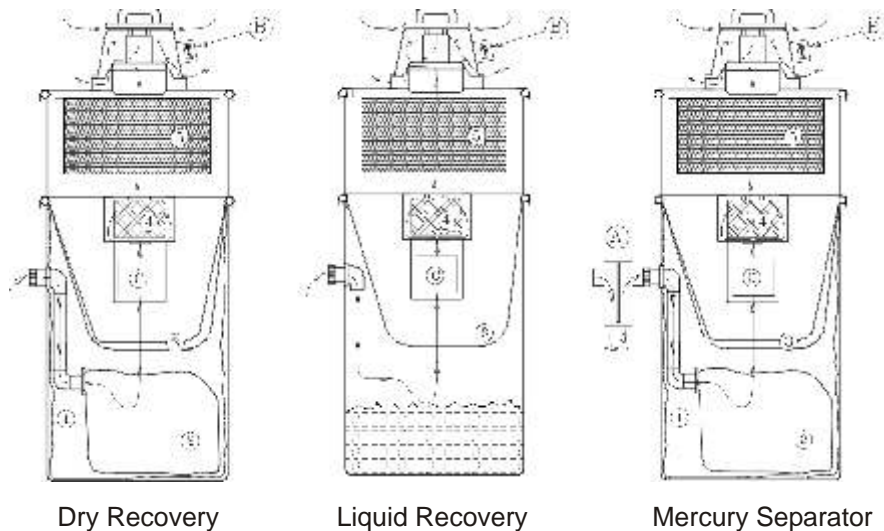
212200B Standard 3mm for standard adsorption

212200C Mersorb 3mm for Mercury adsorption

212200K Kina 3mm for HF & HCL adsorption

NB. Dispose as hazardous waste according to governmental ordinances and regulations.

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	Model MRV-16 (4W)	
	120V 60 Hz	240V 50/60 Hz
Electrical Requirements		
Power	1200 watts	1050 watts
Current Draw	10.5 amps	5 amps
Performance		
Airflow	110 cfm	48 L/sec
Vacuum Pressure	110" H ₂ O	2100 mm H ₂ O
Filtration / Filter Area		
HEPA filter	1 368 inches ²	8 826 cm ²
Prefilter (dry recovery)	2071 inches ²	13 361 cm ²
Paper Filter Bag (dry recovery)	5 gallons	19 L
Total filter area (dry)	3 439 inches ²	22 187 cm ²



- A** Mercury Separator & detachable mercury recovery jar: Separates the liquid mercury and directs it into the recovery jar. The mercury separator is made of stainless steel for excellent corrosion resistance and easy decontamination. Separator assembly (includes 2 jars) P/N 212208. Replacement jar complete with lid P/N 212210.
- B** Hour Counter / Timer: Facilitates the measuring of the carbon filter life.
- C** Floater: Cuts-off suction when recovered liquids reach capacity level.
- 1** Poly liner: Clear poly liner (6 mil) disposable, to facilitate recovery and disposal. P/N **212368**
- 2** Paper filter bag: Disposable paper filter bag with latex micro-liner, one micron efficiency. Facilitates recovery and disposal P/N **211063** (package of 5)
- 3** Double cloth filter: Washable, one micron efficiency. P/N **211305**
- 4** HEPA filter: With 99.99% efficiency on particles as small as 0.3 microns. P/N **211027B**.
- 5** Carbon cartridge assembly: For the adsorption of mercury vapors and odors. Designed to completely adsorb mercury vapors for one hour of continuous exposure. After one hour of exposure the concentrations of mercury vapors will begin to rise above 0.000 mg/M³. Once the carbon has been exposed to mercury vapors for one hour, it is the operator's responsibility to ensure that the exhaust air falls within permissible exposure limits. The recommended device is the Jerome brand mercury analyzer or other similar device (not included with vacuum cleaner). Cartridge P/N **12200C**. (18 lbs. - 8 Kg.)
- 6** Liquid Filter: Made of polypropylene mesh. Prevents large particles from being sucked-up during liquid recovery. P/N **211394**

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