

## Modular 4 Element System for Tailoring to Specific Needs

This specially adapted critical filter vacuum system recovers liquid mercury and cleans mercury contaminated dry and liquid soil and air. All MRS units feature a 115 v or 220 v AC/DC air-cooled motor which is also usable as a high performance, standard vacuum cleaner when the special filter modules are removed. Each unit comes with the basic tools to handle most clean-up jobs.

Mercury has emerged as one of the most toxic contaminants in common use today. People who work with mercury or mercury oxides run serious health risks if strict cleaning procedures are not enforced using qualified equipment. This contamination can occur not only in the factory stations, where mercury or mercury oxides are being used, but also in less obvious situations such as technical laboratories, medical and dental labs, control rooms or dental offices. The Minuteman MRS Series is designed to control this danger and the MRS Maxi-Guard™ is intended for situations wherein although the mercury threat is potentially serious, the volume of the contaminants is relatively small.

### APPLICATION

Our Mercury Vacuums feature a unique modular 4 element system that allows user-tailoring to fit almost any need. Typical uses for this system are found in dental and research labs, shipboard applications and in instrument manufacturing facilities.

### SELECTION

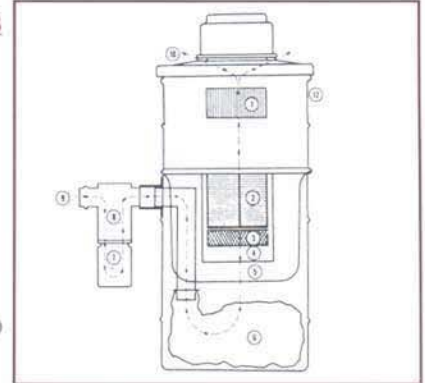
The Minuteman Mercury Recovery Vacuum System can be tailored to fit almost any particular need. The MRS-1,2, 3 and 4 units are available with painted or stainless steel 15 gallon tanks. The MRS-6 Maxi-Guard II is a small, portable 6-gallon vacuum. Included with each unit is a wand, 24" crevice tool and small nozzle to handle most clean-up jobs.

### OPTIONS

You may choose from a wide range of tools and attachments in a variety of sizes. Dry only units can be adapted for wet pick-up with the addition of a water shut-off module. A complete line of filters and collection bags are also available.

### FILTER SYSTEM - MRS 3

1. Charcoal Filter
2. H.E.P.A. Filter
3. Impact Filter
4. Dacron Bag
5. Filter Protector
6. Disposable Bag
7. Jar
8. Mercury Separator
9. Intake
10. Exhaust
11. Water Shut-off (Not Shown)
12. 1:1 Adapter



## SPECIFICATIONS FOR THE MRS SERIES

SPECIFICATIONS	MRS1	MRS2	MRS3	MRS4	MRS6
STATIC LIFT	110"(2,794mm)	110"(2,794mm)	110"(2,794mm)	110"(2,794mm)	88"(2,159mm)
AIRFLOW	115CFM(3.25m <sup>3</sup> /min)	115CFM(3.25m <sup>3</sup> /min)	115CFM(3.25m <sup>3</sup> /min)	115CFM(3.25m <sup>3</sup> /min)	95CFM(2.7m <sup>3</sup> /min)
POWER (watts)	1480	1480	1480	1480	1480
CORD	16-3/50'(15m)	16-3/50'(15m)	16-3/50'(15m)	16-3/50'(15m)	16-3/50'(15m)
WET CAPACITY	N/A	N/A	N/A	10 gal(38 ltr)	N/A
DRY CAPACITY	.82 cu. ft.(.02m <sup>3</sup> /min)	.82 cu. ft.(.02m <sup>3</sup> /min)	.82 cu. ft.(.02m <sup>3</sup> /min)	2.1 cu. ft.(.05m <sup>3</sup> /min)	.62 cu. ft.(.02m <sup>3</sup> /min)
FILTER AREA	3,234 sq.in(20,864cm <sup>2</sup> )	3,234 sq.in(28,387cm <sup>2</sup> )	4,400 sq.in(28,387cm <sup>2</sup> )	N/A	552 sq.in(3,561cm <sup>2</sup> )
HEIGHT	41"(104 cm)	46"(116 cm)	46"(116cm)	46"(116 cm)	25"(63 cm)
WIDTH	21"(53 cm)	21"(53 cm)	21"(53 cm)	21"(53 cm)	21"(53 cm)
VOLTAGE	115 (220)	115(220)	115(220)	115(220)	115(220)
WHEEL SIZE- Front	3"(8 cm)	3"(8 cm)	3"(8 cm)	3"(8 cm)	Optional
WHEEL SIZE-Rear	8"(20 cm)	8"(20 cm)	8"(20 cm)	8"(20 cm)	Optional
WET/DRY	N/A	N/A	N/A	Yes	N/A
WEIGHT	62 lbs(28 kg)	73 lbs(33 kg)	78 lbs(35.5 kg)	70 lbs(31.5 kg)	24.5 lbs(11 kg)

\*Specifications subject to change without notice.

318 Hill Ave.  
Nashville, TN 37210  
(615) 254-0841  
Fax: (615) 726-2514



171 Grayson Road  
Rock Hill, SC 29732  
(803) 366-5131  
Fax: (803) 366-2005