

**ROOMSIDE REPLACEABLE TERMINAL FILTER CEILING MODULE**



*Engineered Simplicity*

*Quick Installation*

*Quick Replacement*

*Easy to Handle*

*Requires No Tools to  
install or replace*

PERMA-HOOD™  
U.S. PATENT 6,267,793B1

- Roomside Adjustable Aluminum Damper (integral with filter)
- Gel Seal Filter Frame (Anodized Extruded Aluminum)
- Knife Edge Housing
- Face Guard (Epoxy Coated Steel) is integral with filter
- Large Filter Face Area
- 10" or 12" Collar
- Available in any efficiency up to 99.9999995% @ .12 micron
- Available in a Motorized (FFU) version



### PERFORMANCE CHOICES

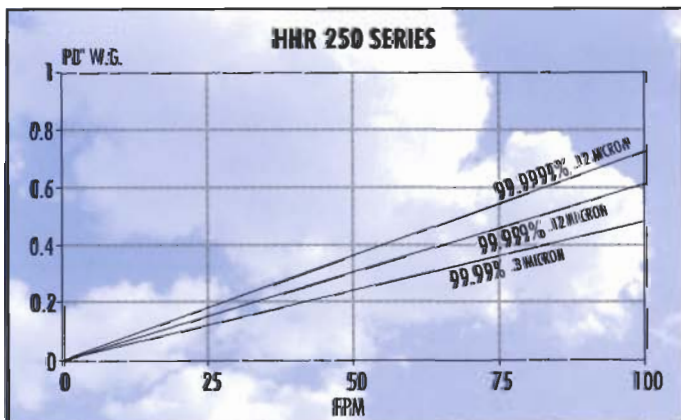
- 1) FOR STANDARD PERFORMANCE SPECIFY THE **HHR250** SERIES.
- 2) FOR IMPROVED PERFORMANCE SPECIFY THE **HHR400** SERIES
- 3) SPECIFY THE **HHR500** SERIES AND ACHIEVE ULPA PERFORMANCE AT HEPA PRICES, 50% LOWER **POWER** (HORSEPOWER/KILOWATT HOURS) CONSUMPTION AND 3 TIMES THE LIFE OF THE INDUSTRY STANDARD FILTERS WITH NO REDUCTION IN CFM.

### HHR250 SERIES SPECIFICATIONS

#### INDUSTRY STANDARD

*Example*

Series Number	Size	Actual Inches	99.99% @ .12 Micron Static Pressure 100FPM	WT.#
HHR250-2	24 x 24	23 <sup>5</sup> / <sub>8</sub> x 23 <sup>5</sup> / <sub>8</sub> x 5 <sup>7</sup> / <sub>8</sub>	.48" W.G.	20
HHR250-3	24 x 36	23 <sup>5</sup> / <sub>8</sub> x 35 <sup>5</sup> / <sub>8</sub> x 5 <sup>7</sup> / <sub>8</sub>	.48" W.G.	30
HHR250-4	24 x 48	23 <sup>5</sup> / <sub>8</sub> x 47 <sup>5</sup> / <sub>8</sub> x 5 <sup>7</sup> / <sub>8</sub>	.48" W.G.	40



For lower ΔP, specify HHR250E (enhanced)

When ordering, please use the appropriate **SERIES NUMBER** and specify the following:

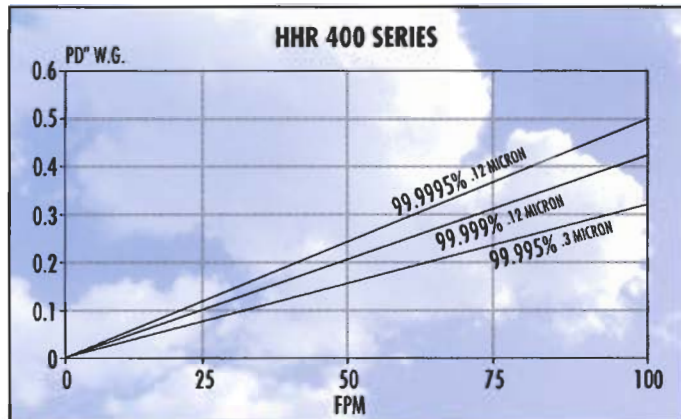
- 1) Collar diameter – 10" or 12"
- 2) Efficiency % – refer to graph
- 3) Other options
- 4) Exact dimensions if other than shown
- 5) Static pressure and efficiency if other than shown

### HHR400 SERIES SPECIFICATIONS

#### IMPROVED PERFORMANCE

Example

Series Number	Size	Actual Inches	99.999% @ .12 Micron Static Pressure 100FPM	WT.#
HHR400-2	24 x 24	23 <sup>5</sup> / <sub>8</sub> x 23 <sup>5</sup> / <sub>8</sub> x 8 <sup>7</sup> / <sub>8</sub>	.43" W.G.	25
HHR400-3	24 x 36	23 <sup>5</sup> / <sub>8</sub> x 35 <sup>5</sup> / <sub>8</sub> x 8 <sup>7</sup> / <sub>8</sub>	.43" W.G.	38
HHR400-4	24 x 48	23 <sup>5</sup> / <sub>8</sub> x 47 <sup>5</sup> / <sub>8</sub> x 8 <sup>7</sup> / <sub>8</sub>	.43" W.G.	50



For lower ΔP, specify HHR400E (enhanced)

When ordering, please use the appropriate SERIES NUMBER and specify the following:

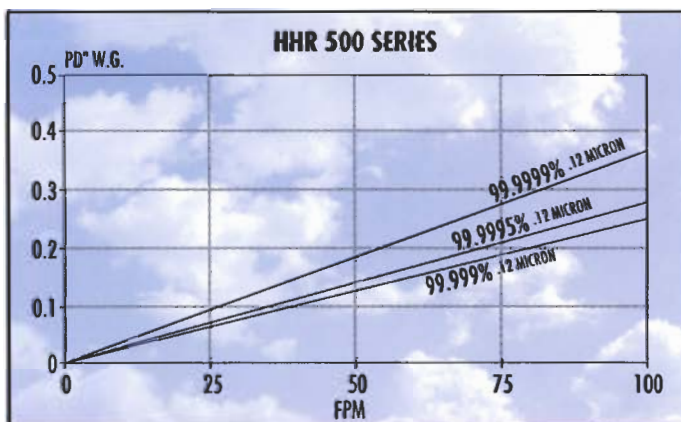
- 1) Collar diameter – 10" or 12"
- 2) Efficiency % – refer to graph
- 3) Other options
- 4) Exact dimensions if other than shown
- 5) Static pressure and efficiency if other than shown

### HHR500 SERIES SPECIFICATIONS

#### LOWEST OPERATING COST

Example

Series Number	Size	Actual Inches	99.999% @ .12 Micron Static Pressure 100FPM	WT.#
HHR500-2	24 x 24	23 <sup>5</sup> / <sub>8</sub> x 23 <sup>5</sup> / <sub>8</sub> x 8 <sup>7</sup> / <sub>8</sub>	.26" W.G.	30
HHR500-3	24 x 36	23 <sup>5</sup> / <sub>8</sub> x 35 <sup>5</sup> / <sub>8</sub> x 8 <sup>7</sup> / <sub>8</sub>	.26" W.G.	45
HHR500-4	24 x 48	23 <sup>5</sup> / <sub>8</sub> x 47 <sup>5</sup> / <sub>8</sub> x 8 <sup>7</sup> / <sub>8</sub>	.26" W.G.	60



For lower ΔP, specify HHR500E (enhanced)

When ordering, please use the appropriate SERIES NUMBER and specify the following:

- 1) Collar diameter – 10" or 12"
- 2) Efficiency % – refer to graph
- 3) Other options
- 4) Exact dimensions if other than shown
- 5) Static pressure and efficiency if other than shown



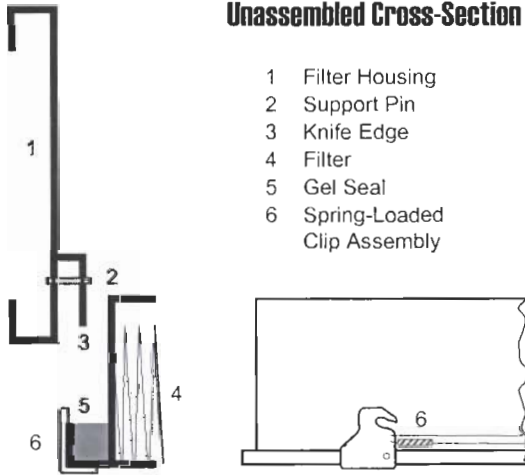
### SUGGESTED SPECIFICATIONS

Filter shall be PERMA-HOOD™ Model **(HHR250)** <sup>(SELECT ONE)</sup> **(HHR400)** **(HHR500)** as manufactured by the HEPA CORPORATION of Anaheim, California. Each filter shall be tested and certified to an efficiency of \_\_\_\_\_% on **(0.3)** <sup>(SPECIFY)</sup> **(0.12)** <sup>(SELECT ONE)</sup> micron size particles. The initial static pressure on this filter will be no greater than \_\_\_\_\_" <sup>(SPECIFY)</sup> **W.G.** when operated at a velocity of 100FPM. Glass media with adhesive separators shall be used. The entire filter shall use only ozone friendly adhesives and sealants. Frame material will be anodized extruded aluminum and constructed to be rugged with exact dimensions of \_\_\_\_\_" x \_\_\_\_\_" x \_\_\_\_\_". Collar dimensions shall be **(10")** <sup>(D)</sup> **(12")** <sup>(SELECT ONE)</sup> diameter.

### TESTING

HEPA CORPORATION filter ratings are based on volumetric tests as measured through the filter packs only. Every PERMA-HOOD™ brand filter is inspected and tested to customer's specifications. We test with thermally generated D.O.P. (dioctyl phthalate) in accordance with the latest industry standards (IES-RP-CC-001-86) and military standard MIL-STD-282 to meet 99.97% or better efficiency on 0.3 micron size particles. Scanned and "O" probe filters are further tested in accordance with federal standard 209. Laser testing is also offered for ULPA (.12 micron) filters and for non-D.O.P. requirements. Non-D.O.P. filters are challenged with P.S.L. or ambient air. Performance data on previous pages based on production filters.

### Unassembled Cross-Section



## Discover The Power Of The HEPA Energy Saver®

### HEPA CORPORATION

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