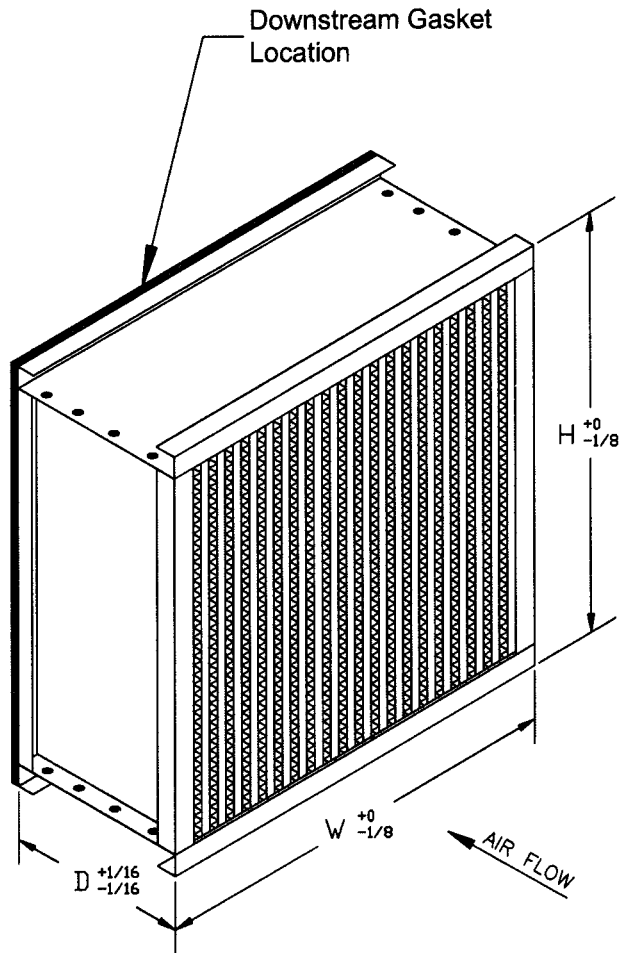
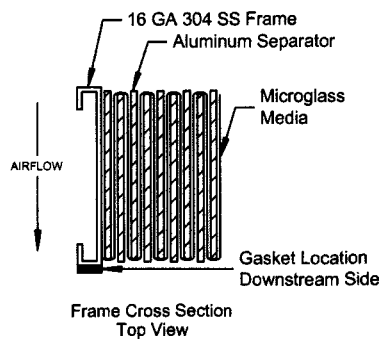


| Item Number | Model Number  | Construction Code    | Actual Size (Inches)<br>H x W x D | Rated Air Flow (CFM) | Initial Resistance (in. W.G.) | Efficiency          | Media Area (Square Feet) |
|-------------|---------------|----------------------|-----------------------------------|----------------------|-------------------------------|---------------------|--------------------------|
| 2977695     | MC-501-HT500  | H2424B00-OJB B29 000 | 24 x 24 x 11-1/2                  | 1050                 | 1.00                          | 99.97% @ 0.3 Micron | 201                      |
|             | MC-500-HT500  | H1224B00-OJB B29 000 | 12 x 24 x 11-1/2                  | 525                  | 1.00                          | 99.97% @ 0.3 Micron | 93                       |
| 2979056     | MC-500R-HT500 | H2412B00-OJB B29 000 | 24 x 12 x 11-1/2                  | 525                  | 1.00                          | 99.97% @ 0.3 Micron | 93                       |
| 2970154     | MC-241-HT500  | H2424A00-OJB B29 000 | 24 x 24 x 5-7/8                   | 550                  | 1.00                          | 99.97% @ 0.3 Micron | 105                      |
| 2971167     | MC-1202-HT500 | H1224A00-OJB B29 000 | 12 x 24 x 5-7/8                   | 275                  | 1.00                          | 99.97% @ 0.3 Micron | 49                       |
| 2971167     | MC-1212-HT500 | H2412A00-OJB B29 000 | 24 x 12 x 5-7/8                   | 275                  | 1.00                          | 99.97% @ 0.3 Micron | 49                       |



| Construction               | Code | Description   |
|----------------------------|------|---|
| Standard and Certification | 0    | HEPA-IEST-RP-CC001.3, Type A per MIL-STD 282              |
| Frame Material             | J    | 16 GA 304 Stainless Steel                                 |
| Frame Style                | B    | Double Turned Flange                                      |
| Gasket                     | B    | HT Red Silicone 1/4" x 3/4" (500 deg. F), Dovetail Joints |
| Gasket Location            | 2    | Downstream  |
| Sealant                    | 9    | HT Red Silicone (500 deg. F)                              |
| Hardware                   | 0    | None  |
| Acceptance Level           | 0    | 99.97% on 0.3 Micron Overall (Q-107 Tested)               |
| Separators                 | 0    | Aluminum Separators, Standard Capacity                    |



**NOTES**

- Media: Micro-Glass Fiber / Acrylic Resin Binder
- Rated Velocity  
11-1/2" Depth - 250 FPM  
5-7/8" Depth - 125 FPM
- See Drawings MKT-B-00354 & MKT-B-00355 For Resistance Curves
- Recommended Final Resistance: 2.0" W.G. @ Rated Flow (Twice Initial Resistance)
- Class 1 Filter Per U.L. Standard 900
- Maximum Operating Temperature: 500 Deg. F
- Standard Gasket Location Downstream, Construction Code 0JB B20 000
- Optional Gasket Locations (Do NOT Use Item Numbers Shown Above)  
-U: Upstream Sides (Ex. MC-501-U), Construction Code 0JB B19 000  
-UD: Both Sides (Ex. MC-501-UD), Construction Code 0JB B39 000  
No Gasket (Ex. MC-501, No Gasket), Construction Code 0JB 759 000

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CONTACT FACTORY TO VERIFY REVISION LEVEL

**TOLERANCES UNLESS OTHERWISE SPECIFIED**

- FRACTIONAL -
- DECIMAL -
- ANGLES -

ALL DIMENSIONS IN INCHES

**DRAWING NAME MICROGUARD 99 HIGH TEMPERATURE - 500 DEG F**

APPROVED BY *H. Quinn* SPECIFICATION NO. MKT-B-00175 PAGE 1 OF 1

SCALE NONE DWG. SIZE A REVISION A REVISION DATE 09-29-03

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