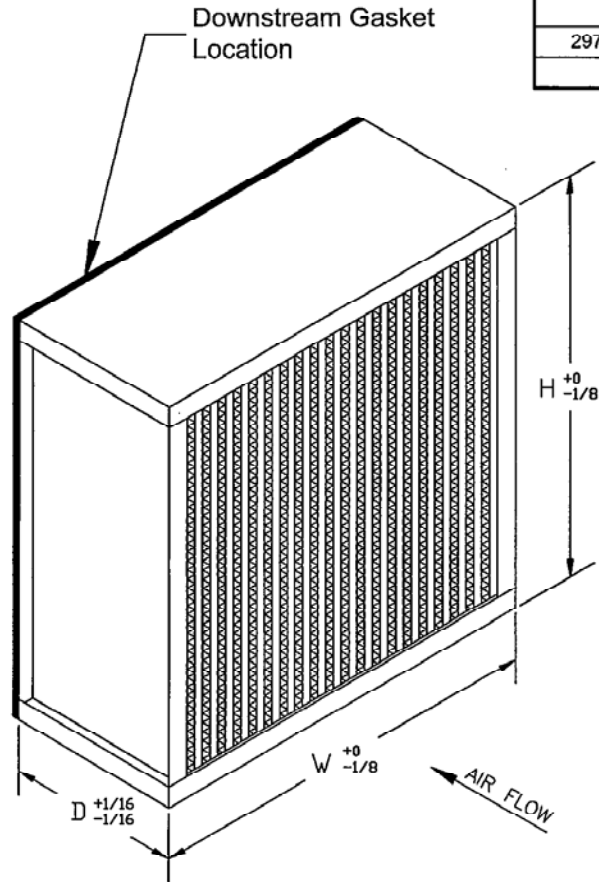
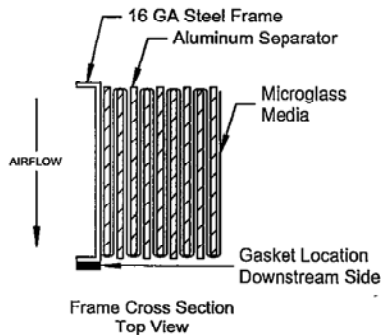


| Item Number | Model Number | Construction Code | Actual Size (Inches) H x W x D | Rated Air Flow (CFM) | Initial Resistance (In. W.G.) | Efficiency | Media Area (Square Feet) |
|-------------|--------------|----------------------|-----------------------------------|-------------------------|----------------------------------|---------------------|-----------------------------|
| 2970002 | MC-501 | H2424B00-0AG 000 000 | 24 x 24 x 11-1/2 | 1050 | 1.00 | 99.97% @ 0.3 Micron | 185 |
| 2970301 | MC-501A | H2323B33-0AG 000 000 | 23-3/8 x 23-3/8 x 11-1/2 | 1000 | 1.00 | 99.97% @ 0.3 Micron | 173 |
| 2970316 | MC-500 | H1224B00-0AG 000 000 | 12 x 24 x 11-1/2 | 525 | 1.00 | 99.97% @ 0.3 Micron | 88 |
| 2971101 | MC-500A | H1123B33-0AG 000 000 | 11-3/8 x 23-3/8 x 11-1/2 | 500 | 1.00 | 99.97% @ 0.3 Micron | 79 |
| 2971406 | MC-500R | H2412B00-0AG 000 000 | 24 x 12 x 11-1/2 | 525 | 1.00 | 99.97% @ 0.3 Micron | 88 |
| 2973360 | MC-500AR | H2311B33-0AG 000 000 | 23-3/8 x 11-3/8 x 11-1/2 | 500 | 1.00 | 99.97% @ 0.3 Micron | 79 |
| 2971802 | MC-241 | H2424A00-0AG 000 000 | 24 x 24 x 5-7/8 | 550 | 1.00 | 99.97% @ 0.3 Micron | 97 |
| 2972455 | MC-241A | H2323A33-0AG 000 000 | 23-3/8 x 23-3/8 x 5-7/8 | 520 | 1.00 | 99.97% @ 0.3 Micron | 91 |
| 2971081 | MC-1202 | H1224A00-0AG 000 000 | 12 x 24 x 5-7/8 | 275 | 1.00 | 99.97% @ 0.3 Micron | 45 |
| | MC-1202A | H1123A33-0AG 000 000 | 11-3/8 x 23-3/8 x 5-7/8 | 260 | 1.00 | 99.97% @ 0.3 Micron | 42 |
| 2972336 | MC-1212 | H2412A00-0AG 000 000 | 24 x 12 x 5-7/8 | 275 | 1.00 | 99.97% @ 0.3 Micron | 45 |
| | MC-1212A | H2311A33-0AG 000 000 | 23-3/8 x 11-3/8 x 5-7/8 | 260 | 1.00 | 99.97% @ 0.3 Micron | 42 |



| Construction | Code | Description |
|----------------------------|------|--|
| Standard and Certification | 0 | HEPA-IEST-RP-CC001.3, Type A per MIL-STD 282 |
| Frame Material | A | 16 GA Corrosion Resistant Steel |
| Frame Style | G | Metal C-Style |
| Gasket | 0 | Urethane 1/4" x 3/4" (180 deg. F), Dovetail Joints |
| Gasket Location | 0 | Downstream |
| Sealant | 0 | Urethane (180 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: 180 Deg. F
- Standard Gasket Location Downstream, Construction Code 0AG 000 000
- Optional Gasket Locations (Do NOT Use Item Numbers Shown Above)
-U: Upstream Sides (Ex. MC-501-U), Construction Code 0AG 110 000
-UD: Both Sides (Ex. MC-501-UD), Construction Code 0AG 130 000
No Gasket (Ex. MC-501, No Gasket), Construction Code 0AG 750 000

AIRGUARD ONE SOURCE FOR AIR FILTRATION PRODUCTS
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F: 502-969-2759

CONTACT FACTORY TO
VERIFY REVISION LEVEL

TOLERANCES
UNLESS OTHERWISE SPECIFIED

FRACTIONAL -
DECIMAL -
ANGLES -

ALL DIMENSIONS IN INCHES

DRAWING NAME **MICROGUARD 99**
(C STYLE BOX - 99.97%)

| | | |
|--------------------------------|----------------------------------|--------------------------------|
| APPROVED BY <i>H. E. Quinn</i> | SPECIFICATION NO. MKT-B-00176 | PAGE 1 OF 1 |
| SCALE NONE | DWG. SIZE A | REVISION DATE D 08-18-05 |

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