

Absolute Filter I



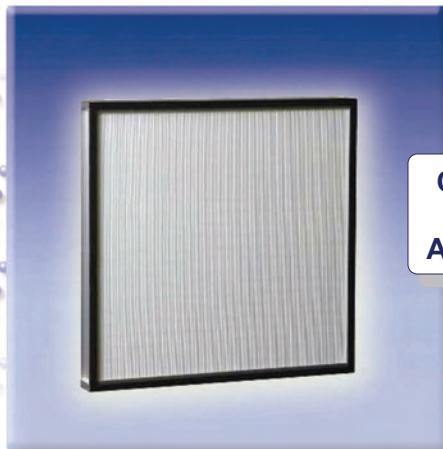
HEPA Filter Series

Mini-Pleat

Separator Type

V Bank

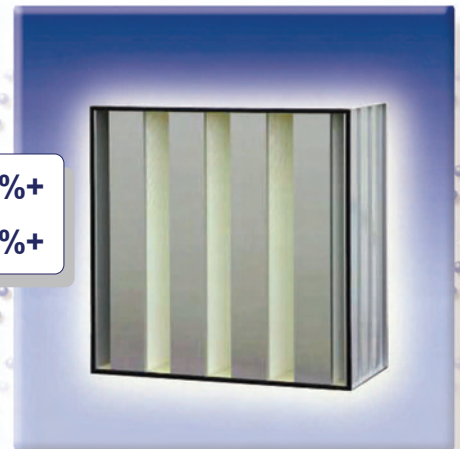
HEPA



Custom
Sizes
Available



99.97%+
&
99.99%+



The **Absolute Filter I** series satisfies all of your HEPA level air filtration needs and is available in three types: THINFIL (Low Profile Mini-Pleat) offers low pressure drop and low power consumption for cleanroom and clean bench applications. Separator type comes in standard and low pressure drop models and is perfect for air handling units (AHUs). V Bank is an energy efficient, low pressure drop solution for high airflow volume applications such as AHUs. **Absolute Filter I** series is available in **99.97%+** and **99.99%+** efficiencies (@ 0.3µm). For all of your HEPA applications, the **Absolute Filter I** series is your solution.

Component Materials / Usage Specifications

| Model Designator | Mini-Pleat | Separator | | | | V Bank | |
|----------------------|---|---|----------------|---|----------|---|---|
| | All Models | A | BA | D | EA | All Models | |
| Component Materials | Media | Glass Fiber | Glass Fiber | | | | Glass Fiber |
| | Separator | Hot Melt Resin | Paper | | Aluminum | | Hot Melt Resin |
| | Frame | Aluminum | Plywood | Aluminum | Plywood | Aluminum | Aluminum |
| | Frame Finish | Anodized Aluminum + Clear Acrylic Coating | - | Anodized Aluminum + Clear Acrylic Coating | - | Anodized Aluminum + Clear Acrylic Coating | Anodized Aluminum + Clear Acrylic Coating |
| | Sealant | Urethane Resin | Urethane Resin | | | | Urethane Resin |
| | Gasket | Chloroprene | Chloroprene | | | | EPDM |
| Usage Specifications | Max. Continuous Operation Temperature (F) | 140 | 176 | | | 140 | |
| | Max. Peak Humidity (% RH at 0 Condensation) | 100 | 85 | | 100 | 100 | |

At Cambridge ... The little things matter.™

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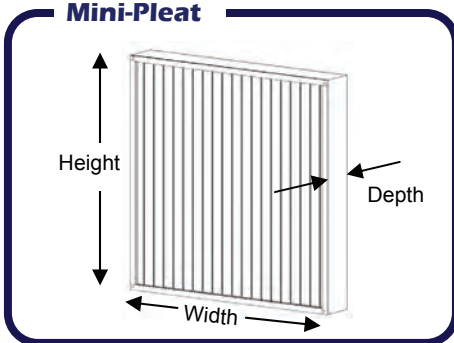
V Bank

HEPA

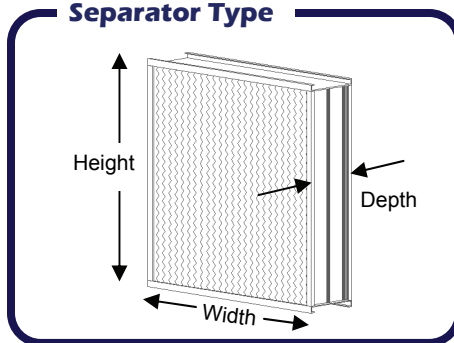
Specifications (Call for custom and additional standard specifications)

| Model # | Rated Airflow Volume (CFM) | Pressure Drop (in. w.g.) | | Nominal External Dimensions (in.) | | | Weight (lbs) |
|---|----------------------------|--------------------------|-----------|-----------------------------------|-------|---------|--------------|
| | | Initial | Max Final | Height | Width | Depth | |
| Mini-Pleat | | | | | | | |
| 1T-320E | 81 | 0.33 | 1.18 | 24 | 12 | 1 3/8 | 2.9 |
| 1T-600E | 177 | | | 24 | 24 | | 4.6 |
| 1T-320LP | 166 | 0.39 | 1.18 | 24 | 12 | 2 9/16 | 4.4 |
| 1T-600LP | 353 | | | 24 | 24 | | 7.3 |
| 1T-320A | 166 | 0.35 | 1.18 | 24 | 12 | 3 1/8 | 5.1 |
| 1T-600A | 353 | | | 24 | 24 | | 8.6 |
| 1T-320M | 166 | 0.30 | 1.18 | 24 | 12 | 3 7/8 | 6.6 |
| 1T-600M | 353 | | | 24 | 24 | | 11.2 |
| Mini-Pleat - High Airflow Volume | | | | | | | |
| LL-1T-320 | 166 | 0.39 | 1.18 | 24 | 12 | 1 31/32 | 3.7 |
| LL-1T-600 | 353 | | | 24 | 24 | | 6.2 |
| LL-1T-320LP | 166 | 0.31 | 1.18 | 24 | 12 | 2 9/16 | 4.6 |
| LL-1T-600LP | 353 | | | 24 | 24 | | 7.9 |
| 1LT-320M | 533 | 1.00 | 2.00 | 24 | 12 | 3 7/8 | 6.6 |
| 1LT-600M | 1130 | | | 24 | 24 | | 11.2 |
| Separator Type | | | | | | | |
| 1*-600 | 636 | 1.00 | 2.00 | 24 | 24 | 5 7/8 | 14.3 |
| 1*-1000 | 1130 | | | 24 | 24 | 11 1/2 | 28.4 |
| Separator Type - High Airflow Volume | | | | | | | |
| 1L*-40 | 424 | 1.00 | 2.00 | 24 | 12 | 5 7/8 | 8.6 |
| 1L*-100 | 989 | | | 24 | 24 | | 13.7 |
| 1L*-150 | 1484 | | | 24 | 36 | | 19.2 |
| 1L*-75 | 777 | | | 24 | 12 | 11 1/2 | 17.0 |
| 1L*-180 | 1766 | | | 24 | 24 | | 28.2 |
| V Bank | | | | | | | |
| 1TV-212 | 2120 | 1.00 | 2.00 | 24 | 24 | 11 1/2 | 33.1 |
| 1TV-106 | 1060 | 1.00 | 2.00 | 12 | 24 | 11 1/2 | 17.6 |

Mini-Pleat



Separator Type



V Bank

