

Absolute Filter I



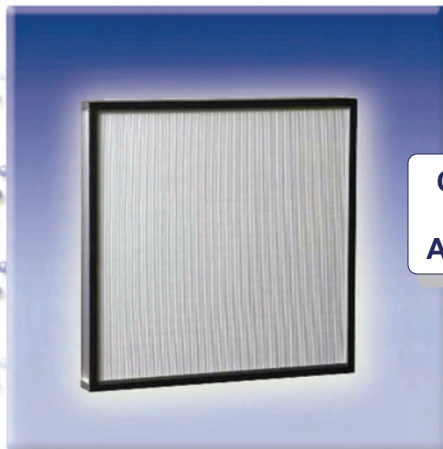
HEPA Filter Series

Mini-Pleat

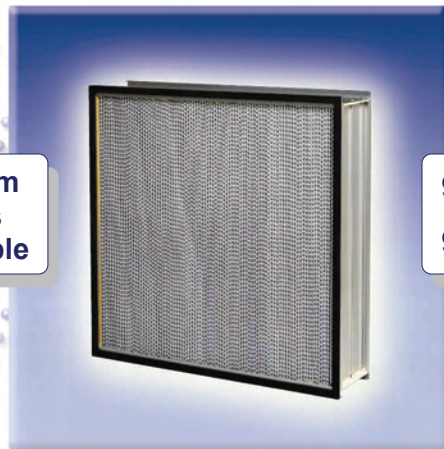
Separator Type

V Bank

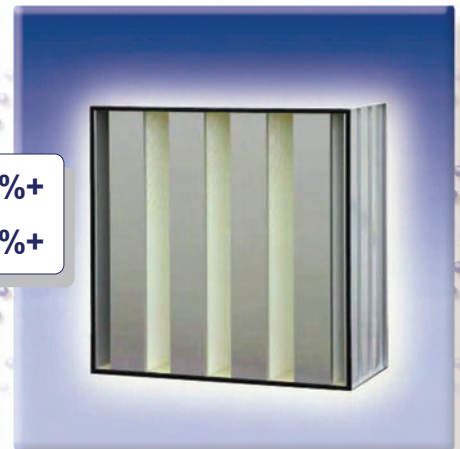
HEPA



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.™

Absolute Filter I



HEPA Filter Series

Mini-Pleat

Separator Type

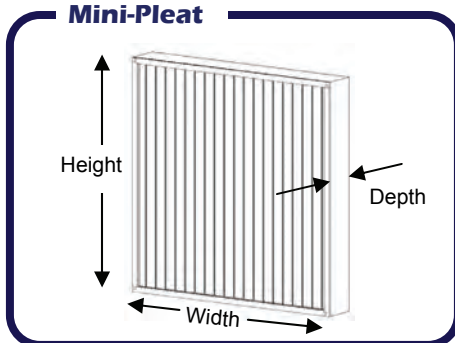
V Bank

HEPA

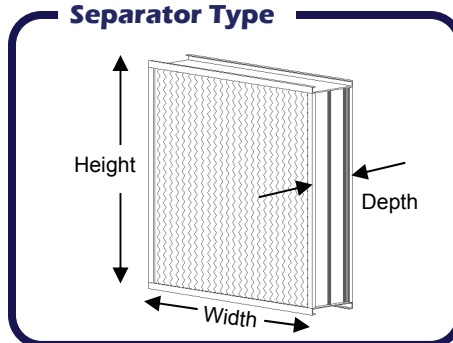
Specifications (Call for custom and additional standard specifications)

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

