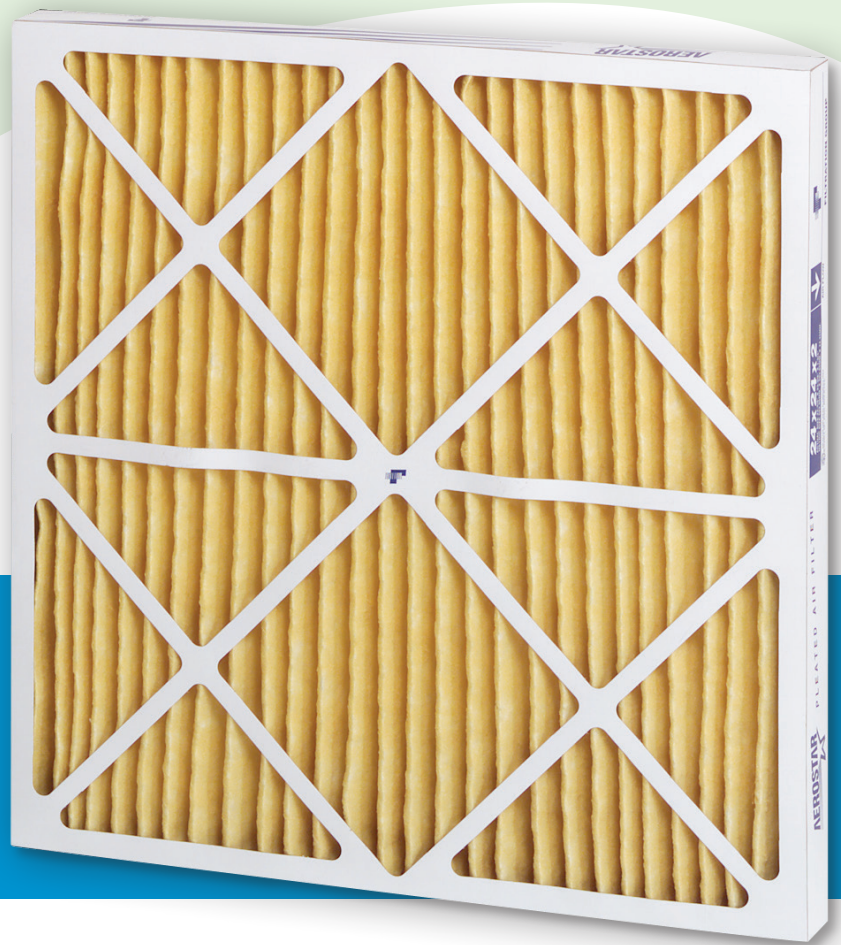


SERIES 1100 PLEATED FILTER



**1", 2" & 4"
MERV 11**



Ideal for use in

- Residential
- Industrial
- Commercial

WHY THE SERIES 1100 PLEAT?

- High performing 100% synthetic media with low initial pressure drop
 - Initial efficiency greater than 65% on 1-3 micron particles & 2x greater than traditional cotton poly
- Deeper pleats accumulate heavier restrictive particles at the bottom of the pleats leaving sides open for longer filtration life
- Effective dust loading reduces strain on equipment
- Moisture resistant media does not support microbial growth
- Excellent pre-filter for high efficiency air filters
- Durable construction optimizes performance
 - Media is laminated to air exit side support grid prevents fluttering and maintains pleat uniformity
 - Media pack is bonded to all sides of frame to prevent air by-pass
 - Heavy duty, moisture resistant frame will not warp, crack or distort under normal operating conditions
 - High strength frame increases durability and prevents breaching

Filtration Group

HVAC



SERIES 1100 PLEATED FILTER

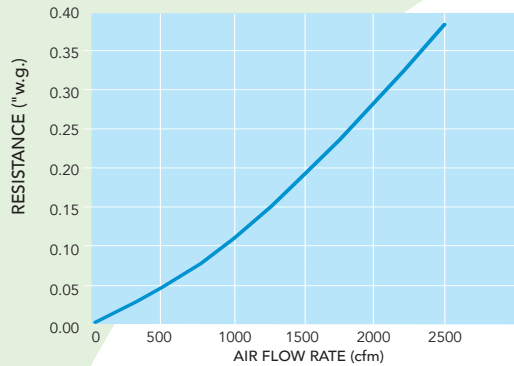


SERIES 1100 PERFORMANCE DATA (fpm)

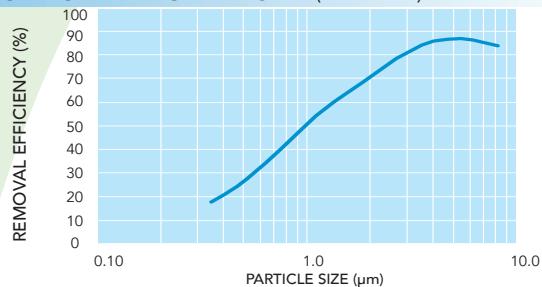
FILTER DEPTH	MEDIUM VELOCITY	INITIAL RESISTANCE MEDIUM ("w.g.)	HIGH VELOCITY	INITIAL RESISTANCE HIGH ("w.g.)	FINAL RESISTANCE (All Filters)
1"	300	0.20	375	0.28	1.0
2"	375	0.19	500	0.28	1.0
4"	500	0.20	625	0.31	1.0

*Recommended final resistance. System may dictate a lower change-out point. Filters tested to 1.5"

INITIAL RESISTANCE (24 X 24 X 2)



EFFICIENCY PER ASHRAE 52.2 (24 X 24 X 2)



SERIES 1100 ENGINEERING SPECIFICATIONS

1.0 General

- 1.1 Filters shall be Aerostar® Series 1100 extended surface pleated air filters as manufactured by Filtration Group.
- 1.2 Filters shall be available in depths of 1", 2", and 4".
- 1.3 Underwriters Laboratories classified to UL 900.
- 1.4 Filters are manufactured by an ISO 9001 registered company.

2.0 Filter Material of Construction

- 2.1 Media shall be 100% synthetic media that does not support microbial growth.
- 2.2 Frame shall be a heavy-duty, high strength, moisture resistant paperboard with cross member design that increases filter rigidity and prevents breaching. Frame shall be made with 100% recycled paperboard with an average of 35% post-consumer content. Frame shall be recyclable.
- 2.3 Filters shall have a 100% post-consumer recycled expanded metal support grid bonded to the air-exiting side of the filter to maintain pleat uniformity and prevent fluttering. Metal support grid shall be recyclable.

3.0 Filter Performance

- 3.1 Filters shall be MERV 11 when tested in accordance with ASHRAE 52.2-2012 Test Standard.
- 3.2 For initial resistance of filters, see Performance Data chart above.
- 3.3 Filter shall be rated to withstand a continuous operating temperature up to 150°F
- 3.4 Filters shall have a recommended final resistance of 1.0" w.g.

SERIES 1100 DIMENSIONS

PART NUMBER	NOMINAL SIZE*	CFM CAPACITIES	
		MEDIUM (300)	HIGH (375)
19619	10 x 20 x 1	400	525
19620	10 x 24 x 1	500	625
19621	10 x 25 x 1	525	650
19622	12 x 12 x 1	300	375
19624	12 x 20 x 1	500	625
19625	12 x 24 x 1	600	750
19626	12 x 25 x 1	625	775
19627	14 x 20 x 1	575	725
19628	14 x 24 x 1	700	875
19629	14 x 25 x 1	725	900
19630	15 x 20 x 1	625	775
19631	15 x 25 x 1	800	975
19632	16 x 16 x 1	525	650
19633	16 x 20 x 1	650	825
19634	16 x 24 x 1	800	1000
19635	16 x 25 x 1	825	1050
19636	18 x 18 x 1	675	850
19637	18 x 20 x 1	750	925
19639	18 x 24 x 1	900	1125
19640	18 x 25 x 1	925	1175
19641	20 x 20 x 1	825	1050
19642	20 x 24 x 1	1000	1250
19643	20 x 25 x 1	1050	1300
19645	24 x 24 x 1	1200	1500
19646	25 x 25 x 1	1300	1625

MEDIUM (375) HIGH (500)

19648	10 x 20 x 2	525	700
19649	12 x 20 x 2	625	825
19650	12 x 24 x 2	750	1000
19651	14 x 20 x 2	725	975
19652	14 x 25 x 2	900	1200
19653	15 x 20 x 2	775	1025
19654	16 x 16 x 2	650	875
19655	16 x 20 x 2	825	1100
19656	16 x 24 x 2	1000	1325
19657	16 x 25 x 2	1050	1400
19659	18 x 24 x 2	1125	1500
19660	18 x 25 x 2	1175	1550
19661	20 x 20 x 2	1050	1400
19662	20 x 24 x 2	1250	1650
19663	20 x 25 x 2	1300	1750
19664	24 x 24 x 2	1500	2000
19665	25 x 25 x 2	1625	2150

MEDIUM (500) HIGH (625)

19666	12 x 24 x 4	1000	1250
19667	16 x 20 x 4	1100	1400
19668	16 x 25 x 4	1400	1750
19669	18 x 24 x 4	1500	1875
19670	20 x 20 x 4	1400	1750
19671	20 x 24 x 4	1650	2100
19672	20 x 25 x 4	1750	2200
19673	24 x 24 x 4	2000	2500
19674	25 x 29 x 4	2525	3150

*Contact Customer Service for special and actual sizes.

Filtration Group



HVAC

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