



## SPECIFICATIONS

- MERV 8
- Available in 1" or 2" depth, Standard or High Capacity
- Prefilter for high efficiency filters
- 100% synthetic self supporting pleated media reduces weight and does not sacrifice efficiency



- Can withstand considerable abuse resulting from shipping damage and mishandling.

## ADVANTAGES

- Does not rely on electrostatic charge
- Low resistance to air flow means minimal energy costs
- Moisture resistant and will not promote microbial growth
- Effectively removes airborne irritants
- Protects cooling coils & ductwork of HVAC system
- Cost effective solution for any prefilter application

Stronger and more durable than ever

- Increased moisture resistance due to clay coated paper board (1") or high wet strength beverage board (2")
- Patented\*, rugged structural design

- Better for the environment
- No RoHS risk (heavy metals)
  - Reduces landfill waste
  - Fully incinerable
  - No metal corroding or sharp points that can cause injury during change outs
  - MERV 8 filter may be used for LEED certification points

## PRODUCTS DATA

PART NUMBER		NOMINAL SIZE* (H" x W" x D")	ACTUAL SIZE (H" x W" x D")	CFM CAPABILITIES		PART NUMBER		NOMINAL SIZE* (H" x W" x D")	ACTUAL SIZE (H" x W" x D")	CFM CAPABILITIES	
STD CAP	HIGH CAP			300 fpm	375 fpm	STD CAP	HIGH CAP			375 fpm	500 fpm
21712201	21912201	12 x 20 x 1	11 1/2 x 19 1/2 x 3/4	500	625	211130	21255	12 x 20 x 2	11 1/2 x 19 1/2 x 1 3/4	625	825
21712241	21912241	12 x 24 x 1	11 3/8 x 23 3/8 x 3/4	600	750	211131	21256	12 x 24 x 2	11 3/8 x 23 3/8 x 1 3/4	750	1000
21714201	21914201	14 x 20 x 1	13 1/2 x 19 1/2 x 3/4	575	725	211132	21257	14 x 20 x 2	13 1/2 x 19 1/2 x 1 3/4	725	975
21714251	21914251	14 x 25 x 1	13 1/2 x 24 1/2 x 3/4	725	900	211133	21258	14 x 25 x 2	13 1/2 x 24 1/2 x 1 3/4	900	1200
21715201	21915201	15 x 20 x 1	14 1/2 x 19 1/2 x 3/4	625	775	211134	21259	15 x 20 x 2	14 1/2 x 19 1/2 x 1 3/4	775	1025
21716161	21916161	16 x 16 x 1	15 1/2 x 15 1/2 x 3/4	525	650	211135	21260	16 x 16 x 2	15 1/2 x 15 1/2 x 1 3/4	650	875
21716201	21916201	16 x 20 x 1	15 1/2 x 19 1/2 x 3/4	650	825	211136	21261	16 x 20 x 2	15 1/2 x 19 1/2 x 1 3/4	825	1100
21716241	21916241	16 x 24 x 1	15 3/8 x 23 3/8 x 3/4	800	1000	211137	21262	16 x 24 x 2	15 3/8 x 23 3/8 x 1 3/4	1000	1325
21716251	21916251	16 x 25 x 1	15 1/2 x 24 1/2 x 3/4	825	1050	211138	21263	16 x 25 x 2	15 1/2 x 24 1/2 x 1 3/4	1050	1400
21718181	21918181	18 x 18 x 1	17 1/2 x 17 1/2 x 3/4	675	850	21501	21500	18 x 18 x 2	17 1/2 x 17 1/2 x 1 3/4	850	1125
21718201	21918201	18 x 20 x 1	17 1/2 x 19 1/2 x 3/4	750	925	211139	21264	18 x 20 x 2	17 1/2 x 19 1/2 x 1 3/4	950	1250
21718221	21918221	18 x 22 x 1	17 1/2 x 21 1/2 x 3/4	825	1025	211140	21265	18 x 22 x 2	17 1/2 x 21 1/2 x 1 3/4	1025	1375
21718241	21918241	18 x 24 x 1	17 3/8 x 23 3/8 x 3/4	900	1125	211141	21266	18 x 24 x 2	17 3/8 x 23 3/8 x 1 3/4	1125	1500
21718251	21918251	18 x 25 x 1	17 1/2 x 24 1/2 x 3/4	925	1175	211142	21267	18 x 25 x 2	17 1/2 x 24 1/2 x 1 3/4	1175	1550
21720201	21920201	20 x 20 x 1	19 1/2 x 19 1/2 x 3/4	825	1050	211143	21268	20 x 20 x 2	19 1/2 x 19 1/2 x 1 3/4	1050	1400
21720241	21920241	20 x 24 x 1	19 3/8 x 23 3/8 x 3/4	1000	1250	211144	21269	20 x 24 x 2	19 3/8 x 23 3/8 x 1 3/4	1250	1650
21720251	21920251	20 x 25 x 1	19 1/2 x 24 1/2 x 3/4	1050	1300	211145	21270	20 x 25 x 2	19 1/2 x 24 1/2 x 1 3/4	1300	1750
21724241	21924241	24 x 24 x 1	23 3/8 x 23 3/8 x 3/4	1200	1500	211146	21271	24 x 24 x 2	23 3/8 x 23 3/8 x 1 3/4	1500	2000
21725251	21925251	25 x 25 x 1	24 1/2 x 24 1/2 x 3/4	1300	1625	211147	21272	25 x 25 x 2	24 1/2 x 24 1/2 x 1 3/4	1625	2150

\* Contact Customer Care for additional sizes and information.

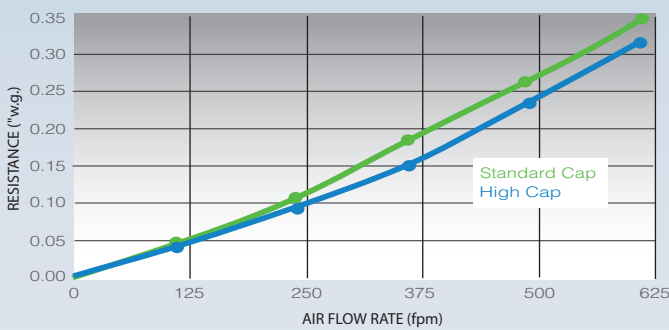
\* U.S. patent numbers 7,156,891 and D544,949

### PERFORMANCE DATA (24 x 24)

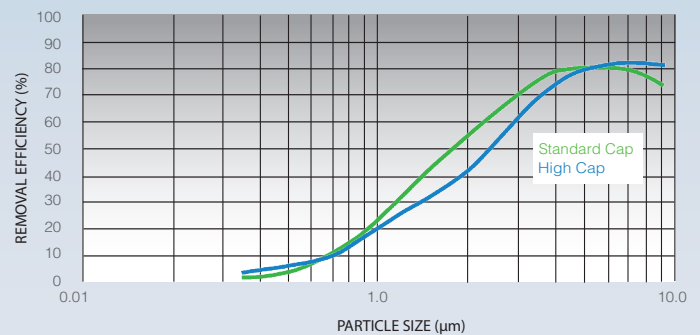
CAPACITY	FILTER DEPTH	INITIAL RESISTANCE ("w.g.)			FINAL RESISTANCE ("w.g.)
		300 fpm	375 fpm	500 fpm	
Standard	1"	0.24	0.33	–	1.0
	2"	–	0.18	0.26	1.0

CAPACITY	FILTER DEPTH	INITIAL RESISTANCE ("w.g.)			FINAL RESISTANCE ("w.g.)
		300 fpm	375 fpm	500 fpm	
High	1"	0.19	0.26	–	1.0
	2"	–	0.15	0.23	1.0

### INITIAL RESISTANCE (24 x 24 x 2)



### MINIMUM REMOVAL EFFICIENCY (24 x 24 x 2)



### ENGINEERING SPECIFICATIONS

#### 1.0 General

- 1.1 Filters shall be Aerostar® NOVApleat extended surface pleated air filters as manufactured by Filtration Group.
- 1.2 Filters shall be available in standard and high capacity configurations with a depth of 1" and 2".
- 1.3 Underwriters Laboratories classified to UL 900.

#### 2.0 Filter Materials of Construction

- 2.1 Media shall be 100% synthetic media that does not support microbial growth
- 2.2 Square pleat tip increases surface contact and increases filter rigidity.
- 2.3 Frame shall have a clay coated paper board (1") or high wet strength beverage board (2") with horizontal strips and a vertical support strut in larger sizes on the downstream side that increases filter rigidity and prevents breaching. Frame shall be recyclable.

- 2.4 Filters shall be of a metal-free construction that can be completely incinerated and does not contain galvanized steel to reduce its impact when land-filled.

#### 3.0 Filter Performance

- 3.1 Filters shall be available in a MERV 8 standard capacity and high capacity configuration when tested in accordance with ASHRAE 52.2 Test Standard.
- 3.2 For initial resistance of filters, see Performance Data chart above.
- 3.3 Filters shall be rated to withstand a continuous operating temperature of up to 150°F.
- 3.4 Filters shall have a recommended final resistance of 1.0" w.g.