

General Product Description

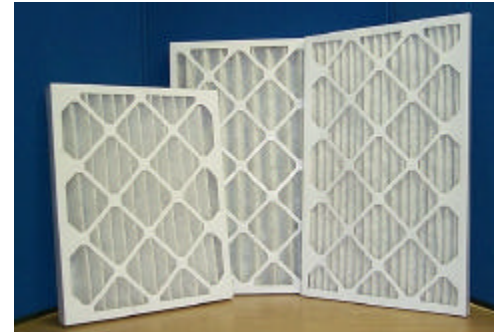
AeroMed™ air filters provide innovative solutions for healthcare facilities. AeroMed™ pleated filters are available in economy, standard and high capacity models with an average efficiency rating of 25-30%. Unlike many competitive brands that use a less efficient, outdated cotton/poly media, AeroMed™ pleated filters utilize a 100% synthetic, gradient density non-woven media, which represents the latest in pleated filter media technology. It is totally hydrophobic so it will not absorb moisture. AeroMed™ pleated filters are made of durable, heavy-duty construction. An expanded metal retainer is bonded to the air leaving side of the media to maintain uniform pleat spacing and to eliminate vibration of the pleat pack. The pleat pack is enclosed in a strong, double-wall beverage board frame, which resists moisture from humidity or intermittent rain. For additional frame rigidity, all diagonal supports of the beverage board frame are securely bonded to the pleats



Expanded metal pleat support

Applications

The AeroMed™ pleated filter can be used to upgrade from less efficient fiberglass or polyester disposable filters or as pre-filters to dramatically increase the life of more expensive high efficiency filters.



Benefits

- Moisture resistant synthetic media and beverage board frame
- High dust holding capacity results in long service life
- Rigid, durable construction
- Low pressure drop
- Excellent pleat spacing for optimum media usage
- Available in 1", 2", & 4" depths
- Makes upgrading from disposable flat panel filters simple. Typical upgrades require no modifications to holding frames or filter housings.

Filter Specifications

- Filter frame: double wall beverage board
- Filter media: 100% synthetic with gradient density fibers
- U.L. classification: U.L. Class 2
- Operating Temperature Limits: 150 degrees F, 66 degrees C
- Recommended Final Resistance: 1.0" w.g. – all models
- Actual Depth:
 - 1" nominal = 7/8"
 - 2" nominal = 1 3/4"
 - 4" nominal = 3 5/8"

Pleated Filters – Standard Capacity Pleats Detail Specifications

Part Number	Nominal Size	Average Efficiency	Rated Air Flow Capacity (CFM)			Initial Resistance ("w.g.)			Recommended Final Resistance ("w.g.)	Media Area Square Feet
			Low	Med	High	Low	Med	High		
AMPS-0124	12 x 24 x 1	25-30%	600	1000	-	0.20	0.39	-	1.0	3.1
AMPS-0162	16 x 20 x 1	25-30%	650	1100	-	0.20	0.39	-	1.0	4.8
AMPS-0165	16 x 25 x 1	25-30%	850	1400	-	0.20	0.39	-	1.0	6.0
AMPS-0100	20 x 20 x 1	25-30%	850	1400	-	0.20	0.39	-	1.0	5.9
AMPS-0105	20 x 25 x 1	25-30%	1050	1750	-	0.20	0.39	-	1.0	7.4
AMPS-0144	24 x 24 x 1	25-30%	1200	2000	-	0.20	0.39	-	1.0	8.5
AMPS-0224	12 x 24 x 2	25-30%	600	1000	1250	0.13	0.25	0.37	1.0	5.7
AMPS-0262	16 x 20 x 2	25-30%	650	1100	1375	0.13	0.25	0.37	1.0	6.8
AMPS-0265	16 x 25 x 2	25-30%	850	1400	1750	0.13	0.25	0.37	1.0	8.5
AMPS-0200	20 x 20 x 2	25-30%	850	1400	1750	0.13	0.25	0.37	1.0	8.4
AMPS-0204	20 x 24 x 2	25-30%	1000	1650	2100	0.13	0.25	0.37	1.0	10.1
AMPS-0205	20 x 25 x 2	25-30%	1050	1750	2190	0.13	0.25	0.37	1.0	10.5
AMPS-0244	24 x 24 x 2	25-30%	1200	2000	2500	0.13	0.25	0.37	1.0	12.0
AMPS-0424	12 x 24 x 4	25-30%	600	1000	1250	0.14	0.22	0.32	1.0	11.7
AMPS-0460	16 x 20 x 4	25-30%	650	1100	1375	0.14	0.22	0.32	1.0	12.9
AMPS-0465	16 x 25 x 4	25-30%	850	1400	1750	0.14	0.22	0.32	1.0	16.2
AMPS-0400	20 x 20 x 4	25-30%	850	1400	1750	0.14	0.22	0.32	1.0	16.2
AMPS-0404	20 x 24 x 4	25-30%	1000	1650	2100	0.14	0.22	0.32	1.0	19.0
AMPS-0405	20 x 25 x 4	25-30%	1050	1750	2190	0.14	0.22	0.32	1.0	20.2
AMPS-0444	24 x 24 x 4	25-30%	1200	2000	2500	0.14	0.22	0.32	1.0	22.5

Pleated Filters – High Capacity Pleats Detail Specifications

Part Number	Nominal Size	Average Efficiency	Rated Air Flow Capacity (CFM)			Initial Resistance ("w.g.)			Recommended Final Resistance ("w.g.)	Media Area Square Feet
			Low	Med	High	Low	Med	High		
AMPH-0124	12 x 24 x 1	25-30%	600	1000	-	0.20	0.38	-	1.0	4.3
AMPH-0162	16 x 20 x 1	25-30%	650	1100	-	0.20	0.38	-	1.0	4.8
AMPH-0165	16 x 25 x 1	25-30%	850	1400	-	0.20	0.38	-	1.0	6.1
AMPH-0100	20 x 20 x 1	25-30%	850	1400	-	0.20	0.38	-	1.0	6.0
AMPH-0105	20 x 25 x 1	25-30%	1050	1750	-	0.20	0.38	-	1.0	7.6
AMPH-0144	24 x 24 x 1	25-30%	1200	2000	-	0.20	0.38	-	1.0	8.9
AMPH-0224	12 x 24 x 2	25-30%	600	1000	1250	0.15	0.28	0.35	1.0	9.4
AMPH-0262	16 x 20 x 2	25-30%	650	1100	1375	0.15	0.28	0.35	1.0	9.9
AMPH-0265	16 x 25 x 2	25-30%	850	1400	1750	0.15	0.28	0.35	1.0	12.4
AMPH-0200	20 x 20 x 2	25-30%	850	1400	1750	0.15	0.28	0.35	1.0	12.5
AMPH-0204	20 x 24 x 2	25-30%	1000	1650	2100	0.15	0.28	0.35	1.0	15.0
AMPH-0205	20 x 25 x 2	25-30%	1050	1750	2190	0.15	0.28	0.35	1.0	15.7
AMPH-0244	24 x 24 x 2	25-30%	1200	2000	2500	0.15	0.28	0.35	1.0	17.6
AMPH-0424	12 x 24 x 4	25-30%	600	1000	1250	0.14	0.25	0.33	1.0	12.8
AMPH-0460	16 x 20 x 4	25-30%	650	1100	1375	0.14	0.25	0.33	1.0	14.0
AMPH-0465	16 x 25 x 4	25-30%	850	1400	1750	0.14	0.25	0.33	1.0	17.5
AMPH-0400	20 x 20 x 4	25-30%	850	1400	1750	0.14	0.25	0.33	1.0	18.3
AMPH-0404	20 x 24 x 4	25-30%	1000	1650	2100	0.14	0.25	0.33	1.0	22.6
AMPH-0405	20 x 25 x 4	25-30%	1050	1750	2190	0.14	0.25	0.33	1.0	22.9
AMPH-0444	24 x 24 x 4	25-30%	1200	2000	2500	0.14	0.25	0.33	1.0	27.1