

BREATHE BETTER

with Air Filter Supplies



G4 CARDBOARD FILTER

ADVANTAGE

These filters are at low cost, easy to install in wide range of application and are high moisture resistant.

APPLICATIONS

These filters can be used as pre-filters for most demanding filtration system and for extension the life of expensive high-efficiency filters. They can be used in residential, commercial and industrial.

DESCRIPTION

These pleated filters use synthetic media and bonded to a wide mesh on the air-exiting side and then enclosed into die-cut cardboard.

There are three kind of thickness, 1" 2" ,4" with 30-35% efficiency rate.

SPECIFICATION

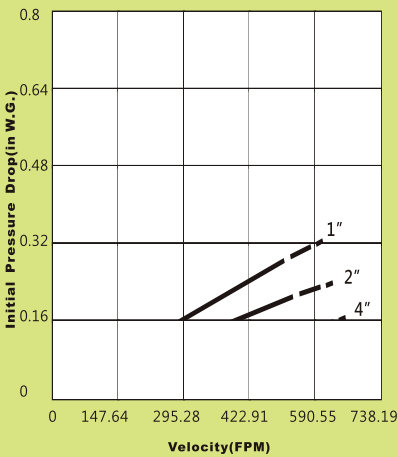
- Series: Pleated series
- Frame: Rigid high wet-strength beverage board
- Media: Synthetic Media (non woven)
- Safety grade: UL900 CLASS 2
- Humidity: $\leq 95\%$ RH
- Efficiency:
G4 (EN 779),
MERV8(ASHRAE52.2)
- Recommended final pressure drop:
 $\leq 200\text{pa}$

Air Filter Supplies is committed to providing a "one-stop shop" for all of your air filtration requirements. As an air filter manufacturer, we are uniquely positioned to custom make most types of air filters.

DIMENSIONS AND PERFORMANCE DATA:

PRODUCT CODE	NOMINAL SIZE WxHxD (in.)	ACTUAL SIZE WxHxD (mm.)	EFFICIENCY En779	AIR FLOW/INITIAL RESISTANCE	
				CFM/W.G	CMM/Pa
				100%	125%
G4242425	24 x 24 x 1	594 x 594 x 22	25 mm	1000/0.11 - 28.3/28	2000/0.31 - 56.6/78
G4122425	12 x 24 x 1	290 x 594 x 22		500/0.11 - 14.1/28	1000/0.31 - 28.3/78
G4202425	20 x 24 x 1	498 x 594 x 22		835/0.11 - 23.6/28	1670/0.31 - 47.3/78
G4202025	20 x 20 x 1	496 x 496 x 22		695/0.11 - 19.6/28	1390/0.31 - 39.3/78
G4202525	20 x 25 x 1	496 x 623 x 22	50 mm	870/0.11 - 24.6/28	1740/0.31 - 49.3/78
G45955955	24 x 24 x 2	594 x 594 x 47		1000/0.09 - 28.3/22	2000/0.27 - 56.6/68
G42955955	12 x 24 x 2	290 x 594 x 47		500/0.09 - 14.1/22	1000/0.27 - 28.3/68
G45954955	20 x 24 x 2	496 x 594 x 47		835/0.09 - 23.6/22	1670/0.27 - 47.3/68
G44954955	20 x 20 x 2	496 x 496 x 47	100 mm	695/0.09 - 19.6/22	1390/0.27 - 39.3/68
G44956295	20 x 25 x 2	496 x 623 x 47		870/0.09 - 24.6/22	1740/0.27 - 49.3/68
G4242495	24 x 24 x 4	594 x 594 x 92		1000/0.06 - 28.3/16	2000/0.26 - 56.6/65
G4122495	12 x 24 x 4	290 x 594 x 92		500/0.06 - 14.1/16	1000/0.26 - 28.3/65
G4202495	20 x 24 x 4	493 x 594 x 92		835/0.06 - 23.6/16	1670/0.26 - 47.3/65
G4202095	20 x 20 x 4	493 x 493 x 92		1695/0.06 - 19.6/16	1390/0.26 - 39.3/65
G4202595	20 x 25 x 4	493 x 620 x 92		870/0.06 - 24.6/16	1740/0.26 - 49.3/65

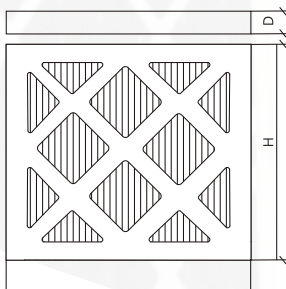
INITIAL RESTRICTION vs. FACE VELOCITY



FACE VELOCITY : 492.13 FPM

■ 1. Extra sizes are available on request.

ENGINEERING DRAWING



1300 739 563
39 CAWARRA RD, CARINGBAH, NSW 2229
EMAIL: orders@arrowsales.com.br
Website: www.tradestore.com.au



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