

BREATHE BETTER with Air Filter Supplies



HIGH EFFICIENCY 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 wide mesh on the air-exiting side and then enclosed into die-cut cardboard.

SPECIFICATION

Frame: High wet-strength cardboard

Media: Synthetic fiber & glass fiber

Efficiency:

M5 (EN 779), 40-60% / MERV 10 (ASHRAE 52.2)

M6 (EN 779), 60-80% / MERV11-12 (ASHRAE 52.2)

F7 (EN 779), 80-90% / MERV13 (ASHRAE 52.2)

F8 (EN 779), 90-95% / MERV14 (ASHRAE 52.2)

F9 (EN 779), >95% / MERV15 (ASHRAE 52.2)

Flame Retardant Grade: UI900

Max. Temperature: 80°C

Max. Humidity: 100% RH

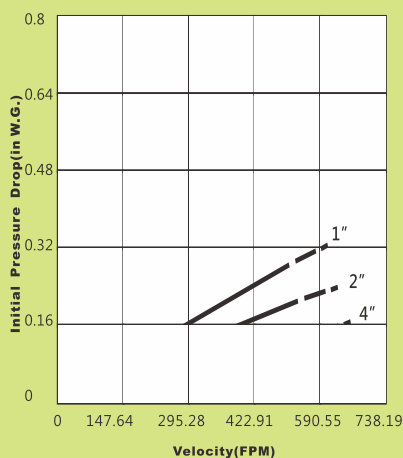
Rec. Final Pressure Drop: 350 Pa

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	
				High Capacity	Standard Capacity
G5595595	24x24x2	594x594x47	F5	943.0 l/s - 78 Pa	
G5295595	12x24x2	290x594x47		471.7 l/s - 78 Pa	
G6595595	24x24x2	594x594x47	F6	943.0 l/s - 105 Pa	
G6295595	12x24x2	290x594x47		471.7 l/s - 105 Pa	
G7595595	24x24x2	594x594x47	F7	943.0 l/s - 150 Pa	
G7295595	12x24x2	290x594x47		471.7 l/s - 150 Pa	
G8595595	24x24x2	594x594x47	F8	943.0 l/s - 170 Pa	
G8295595	12x24x2	290x594x47		471.7 l/s - 170 Pa	
G9595595	24x24x2	594x594x47	F9	943.0 l/s - 187 Pa	
G9295595	12x24x2	290x594x47		471.7 l/s - 187 Pa	

INITIAL RESTRICTION vs. FACE VELOCITY



FACE VELOCITY : 492.13 FPM = 2.5 m/s

■ 1. Extra sizes are available on request.

ENGINEERING DRAWING

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