

AmerShield™ 100 & 150

Performance specification data

Overview

Efficiency class	G4 MERV 8 ¹
Rated airflow	4250 m ³ /h 2500 CFM
Recommended final resistance	450 Pa 1.8 in.WG
Temperature Range	-40 °C to + 65 °C -40 °F to + 149 °F
Humidity range	0 to 100 % relative humidity



Filter model details

Filter model	Part number	Initial pressure loss	Filter depth	Filter weight
AmerShield 100	EP101-G4-E.0	70 Pa 0.28 in.WG	96 mm 3.78 in.	2.5 kg 5.5 lb
AmerShield 150 ²	EP101-G4-F.0	70 Pa 0.28 in.WG	150 mm 5.91 in.	3.0 kg 6.6 lb

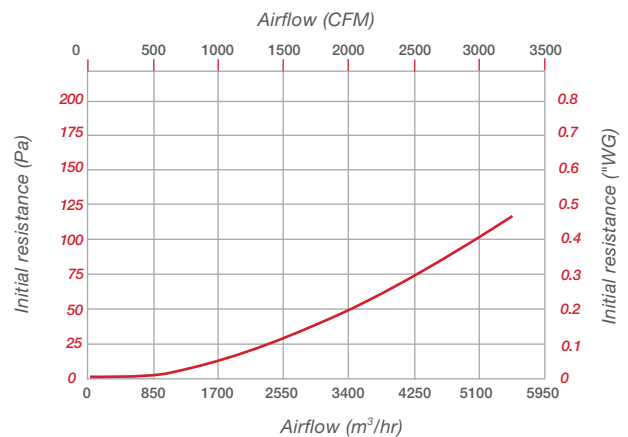
Construction

Filter media	Specially formulated microfiberglass
Frame material	Plastic
Sealant	Polyurethane
Gasket	Optional

Dimensions

Height ³	592 mm 23.375 in
Width ³	592 mm 23.375 in
Depth	See table above
Weight	See table above

Resistance curve



¹ According to EN779:2012, ASHRAE 52.2 – 2007

² 4 in. (nominal) media pack in a 6 in. (nominal) frame

³ Additional filter dimensions are available

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