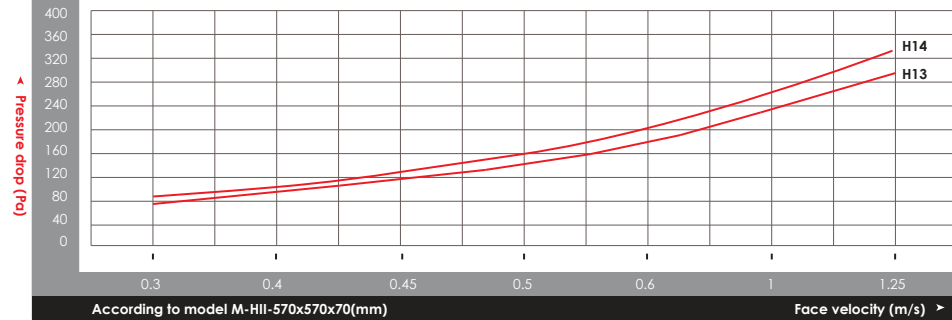






M-EBox



Graph of Initial Pressure Drop versus Face Velocity



Applications

-  Cleanroom
-  Healthcare & Hospital
-  Pharmaceutical & Laboratories
-  General
-  Food Processing Industry

Air Inlet Collar and Damper Dimension

Air Inlet Collar Diameter (mm)	Air Inlet Collar Standard Height (mm)	Damper Standard Height (mm)
φ 250	60	230
φ 300	60	280
φ 350	60	330
φ 450	60	430

Product Features

Operating Conditions

Continuous operating temperature: Max. 80°C
Operating relative humidity: ≤100 (%RH)

Box Casing

Material: Epoxy powder coated SPCC

Damper

Material: Epoxy powder coated SPCC

Filter Efficiency (EN1822:2009)

H13, H14, U15, U16

Faceguard

Material: Stainless steel (SUS 304) / epoxy powder coated SPCC / epoxy powder coated aluminium

Filter Brackets

Material: Galvanized steel

Optional Accessories

Thermal insulator: PE

Product Specifications

Filter Dimension	Casing Dimension (Top Air Inlet)	Casing Dimension (Side Air Inlet)	Air Flow at 1.2m/s (m³/h)	Air Inlet Collar Diameter (mm)	Rectangular Inlet Collar Dimension (mm)	Filter Initial Pressure Drop	
						H13(Pa)	H14(Pa)
340x340x70	410x410x280	410x410x450	500	φ250	200x200	280	300
340x340x90	410x410x300	410x410x450				250	270
484x484x70	554x554x280	554x554x450	1000	φ300	300x200	280	300
484x484x90	554x554x300	554x554x450				250	270
610x610x70	680x680x280	680x680x450	1500	φ350	400x200	280	300
610x610x90	680x680x300	680x680x450				250	270
870x570x70	940x640x280	940x640x450	2000	φ350	500x200	280	300
870x570x90	940x640x300	940x640x450				250	270
1170x570x70	1240x640x280	1240x640x450	2500	φ300*2 / φ450*1	630x200	280	300
1170x570x90	1240x640x300	1240x640x450				250	270
1220x610x70	1290x680x280	1290x680x450	3000	φ300*2 / φ450*1	630x250	280	300
1220x610x90	1290x680x300	1290x680x450				250	270

Remarks: 1. Side air inlet model only available with rectangular inlet.
2. Tolerance of performance initial pressure drop is ± 10%.