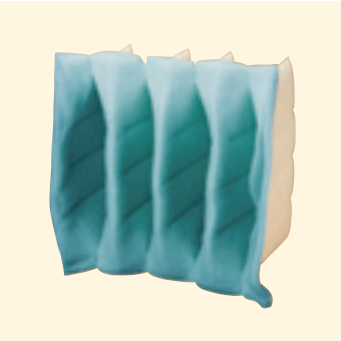
Neo-Cap Filter
Bag Type Particle Filter

NEO-CAP FILTER

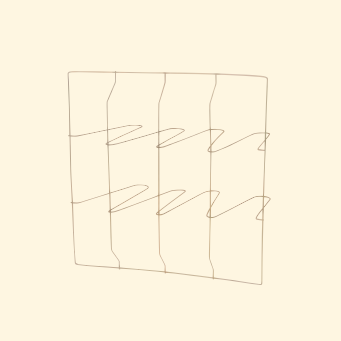
Model	45HC-□
Test Method	JIS B 9908 Light Scattering Integration
Average Efficiency	32%+ (Weight Test 90%+)

- Ideal for particle removal
- Low density + high density dual structure media
- Large particle retention volume
- Long service life
- Light weight, easy to handle
- Easy installation

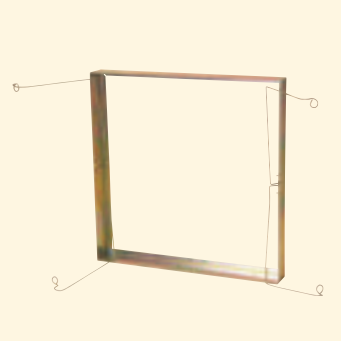
Construction



Media Cartridge



Media Retainer

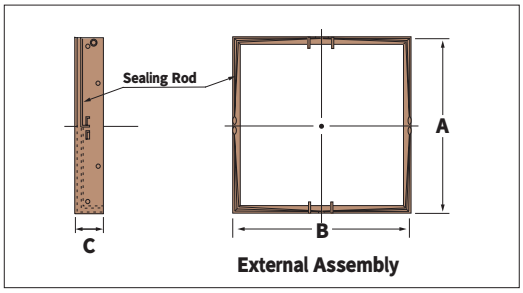


Holding Frame

Model Designators

45HC - □

- Product Code
- Neo-Cap Filter Designator (Holding Frame + Media Cartridge)
  Media Cartridge only: 5HC-□
  Holding Frame only: 4HC-□



External Assembly

Standard Specifications

Model	Rated Airflow Volume (m^3/min)	Pressure Drop (Pa)		External Dimensions (mm)			Area of Effective Media (m^2)	Pocket	Average Efficiency (%)	Weight (kg)
		Initial Max	Final	Height	Width	Depth				
45HC-1000	28	39	147	508	508	230	0.7	3	32+	2.2
45HC-1200	34			610	508		0.8	3		2.4
45HC-1500	45			610	610		1.1	4		2.7
45HC-1750	49	69		508	508	381	1.2	3		2.4
45HC-2000	57			610	508		1.4	3		2.7
45HC-2500	71			610	610		1.8	4		3.0

Media Cartridge

Model	External Dimensions (mm)		
	Height	Width	Depth
5HC-1000	610	610	267
5HC-1200	712	610	
5HC-1500	712	712	
5HC-1750	610	610	419
5HC-2000	712	610	
5HC-2500	712	712	

Note: Insertion margins are included in the above external dimensions.

Holding Frame

Model	External Dimensions (mm)		
	A	B	C
4HC-1000	508	508	75
4HC-1200	610	508	
4HC-1500	610	610	
4HC-1750	508	508	
4HC-2000	610	508	
4HC-2500	610	610	

Component Materials / Usage Specifications

Model		45HC
Component Materials	Media	Non-Woven Media
	Media Retainer	Chromate-Coated Steel Wire
	Holding Frame	Chromate-Coated Steel Plate
Usage Specifications	Max. Continuous Operation Temperature (°C)	40
	Max. Peak Humidity (%RH at 0 Condensation)	100