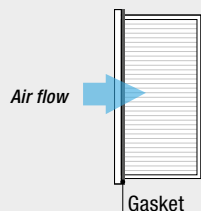


# EXH-HDI 54

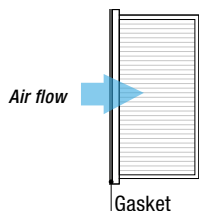


		EXH-HDI54
Class EN ISO 16890:2016	Class	ePM <sub>1</sub> 85%
	Efficiency	ePM <sub>2,5</sub> 90% ; ePM <sub>10</sub> 95%
Class EN 779:2012		F9
Energy Class EUROVENT 4/21-2019		A
Dust load capacity 300Pa acc. to EN ISO16890-3:2016		1890 g
Burst pressure		>2500 Pa
Suggested final air flow resistance		600 Pa
Maximum operating temperature		70 °C
Maximum relative humidity		100%

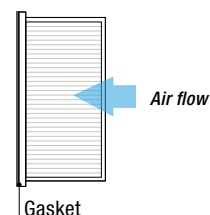
**SUPPLIED AS STANDARD**  
**GUS** Outlet air flow



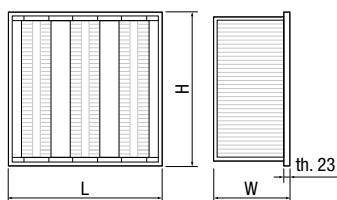
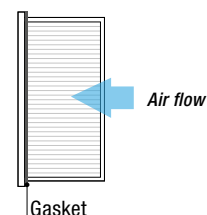
**GIS** Inlet air flow



**REVERSE**  
**GUS-R** Outlet air flow



**GIS-R** Inlet air flow



EXH-HDI54 is the long-life, rigid pocket filter with excellent dust load capacity and extended filtering surface, suitable to be used on turbomachinery requiring scheduled maintenance. The filter is fully incinerable. It's manufactured in compliance with SagiCofim Environmental Management System procedures according to the standard ISO14000:2005. It is of solid construction and easily handled in maintenance tasks. The filter elements are enclosed within external protection grids preventing them from being damaged when handled. Its self-draining structure and the filtering cell configuration grant outstanding performance also in humid environments.

**ADVANTAGES**

- High dust load capacity
- Long life
- High mechanical resistance
- Outstanding performance in wet environment

**MATERIAL AND FINISH**

- Filter element with multiple dihedral pattern, minipleats at regular intervals
- Self-supporting frame in polypropylene
- Microglass, water repellent filter media
- Thermoplastic separators
- Bicomponent polyurethane gasket, seamless, half-round profile
- Two fiberglass protective grids on outlet side
- Polyurethane sealant

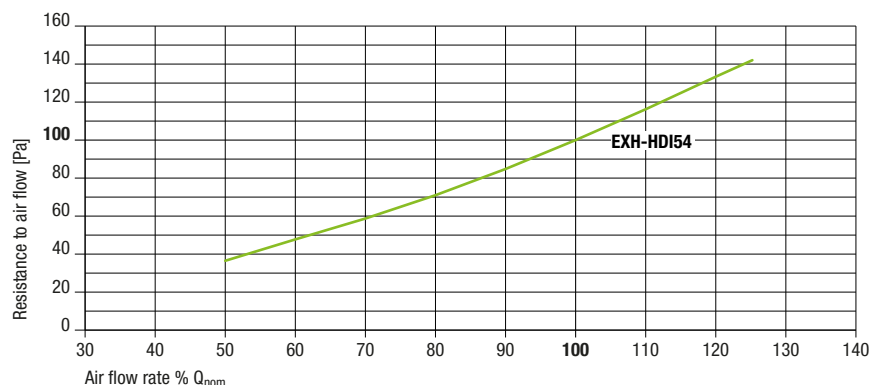
**APPLICATION**

- Suitable to be used on turbomachinery
- Can replace bag and conventional compact filters with header.

**DIMENSIONS AND TECHNICAL DATA**

Dimensions [mm]			Nominal air flow rate Q			Filtering surface	Resistance to air flow
L	H	W	[m³/h]	[m³/s]	[ft³/min]	[m²]	[Pa]
592	592	415	3400	0,944	2000	29	100

**CHARACTERISTIC CURVE**



**PRICES UPON REQUEST**