

## ERISPRE – H (F0 – F3)

*FLANGED HIGH EFFICIENCY PREFILTERS*



### TYPICAL APPLICATIONS

Medium and high efficiency air filtration in reduced dimensions and high flow filtering units applications.

### TECHNICAL CHARACTERISTICS

**MEDIA** = Glass fibre paper

**SEPARATORS** = Cotton threads with hot melt gluing.

**SEALANT** = Two components cold moulded polyurethane.

**FRAME** = Plywood, MDF (Medium Density Fibreboard) with flange (F0 – F3) and without flange (00).

### EFFICIENCY

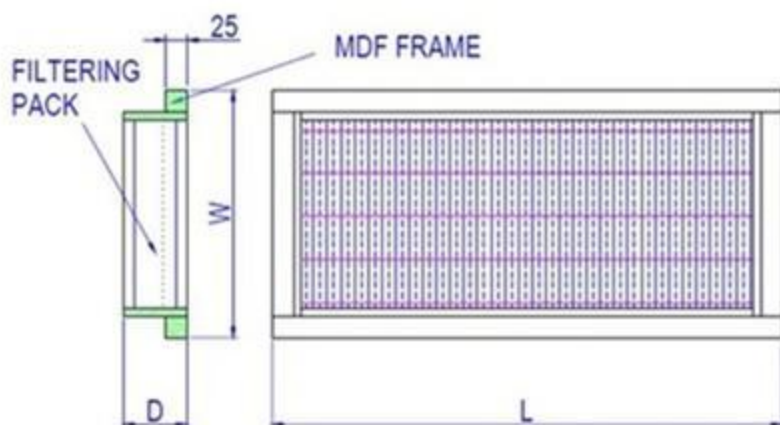
CODE	EUROVENT 4/5 CLASSIFICATION	AVERAGE EFFICIENCY, $E_m$ % 0,4 $\mu$ m CEN - EN 779	EN 779 CLASSIFICATION
<b>EH</b>	<b>EU6</b>	$60 \leq E_m < 80$	<b>F6</b>
<b>RH</b>	<b>EU7</b>	$80 \leq E_m < 90$	<b>F7</b>
<b>SH</b>	<b>EU8</b>	$90 \leq E_m < 95$	<b>F8</b>

**WORKING TEMPERATURE** = 60°C

**MAXIMUM TEMPERATURE** = 80°C max.

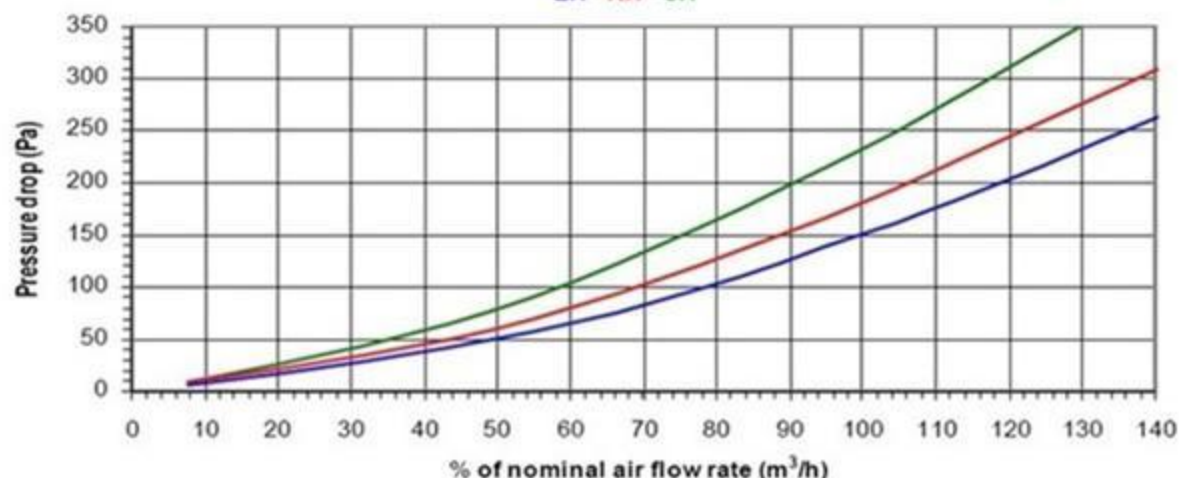
**RELATIVE HUMIDITY** = 90% max.

# ERISPRE – H (F0 –F3) FLANGED HIGH EFFICIENCY PREFILTERS STANDARD SIZES



CODE	Dimensions W x L x D mm	Nominal Flow rate m <sup>3</sup> /h	Filtering surface m <sup>2</sup>	Initial Pressure Drop Pa			Volume m <sup>3</sup>	Weight kg
				EH	RH	SH		
LH 30 __ F0	288 x 593 x 74	850	3,3	150	180	230	0,013	2,00
LH 31 __ F0	491 x 593 x 74	1680	6,2	150	180	230	0,021	3,00
LH 32 __ F0	593 x 593 x 74	2150	7,8	150	180	230	0,026	3,50
LH 30 __ F3	288 x 593 x 135	1450	5,4	150	180	230	0,023	4,00
LH 31 __ F3	491 x 593 x 135	2800	10,1	150	180	230	0,039	6,00
LH 32 __ F3	593 x 593 x 135	3550	12,7	150	180	230	0,047	7,00

Initial pressure drop as a function of the % of nominal air flow rate  
EH - RH - SH



- ⇒ Recommended final pressure drop ≤ 450 Pa
- ⇒ Maximum final pressure drop ≤ 600 Pa