

## **ERISPRE – Z (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** = Galvanized steel with flange (F0 – F3).

#### **EFFICIENCY**

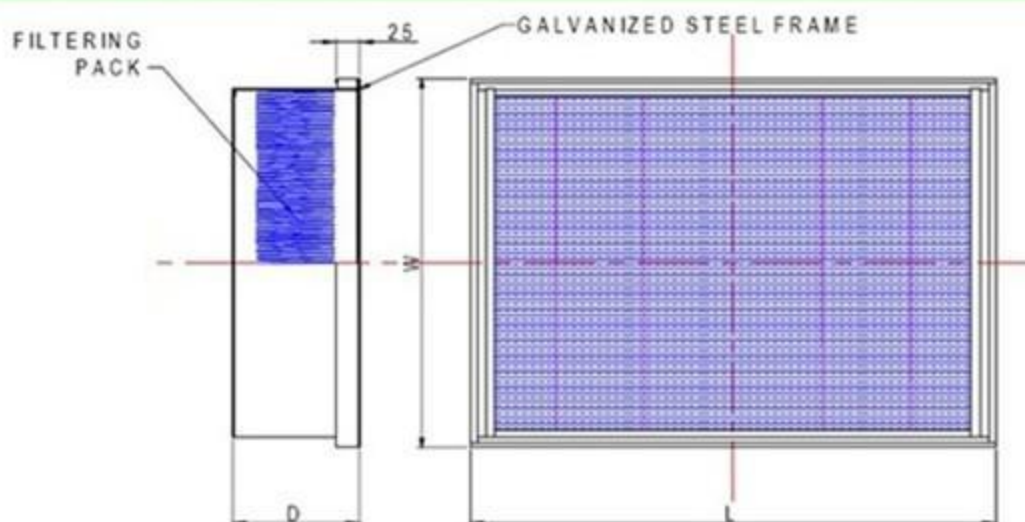
CODE	EUROVENT 4/5 CLASSIFICATION	AVERAGE EFFICIENCY, $E_m$ % 0,4 $\mu$ m CEN - EN 779	EN 779 CLASSIFICATION
<b>EH</b>	<b>EU6</b>	$60 \leq E_m < 80$	<b>F6</b>
<b>RH</b>	<b>EU7</b>	$80 \leq E_m < 90$	<b>F7</b>
<b>SH</b>	<b>EU8</b>	$90 \leq E_m < 95$	<b>F8</b>

**WORKING TEMPERATURE** = 60°C

**MAXIMUM TEMPERATURE** = 80°C max.

**RELATIVE HUMIDITY** = 90% max.

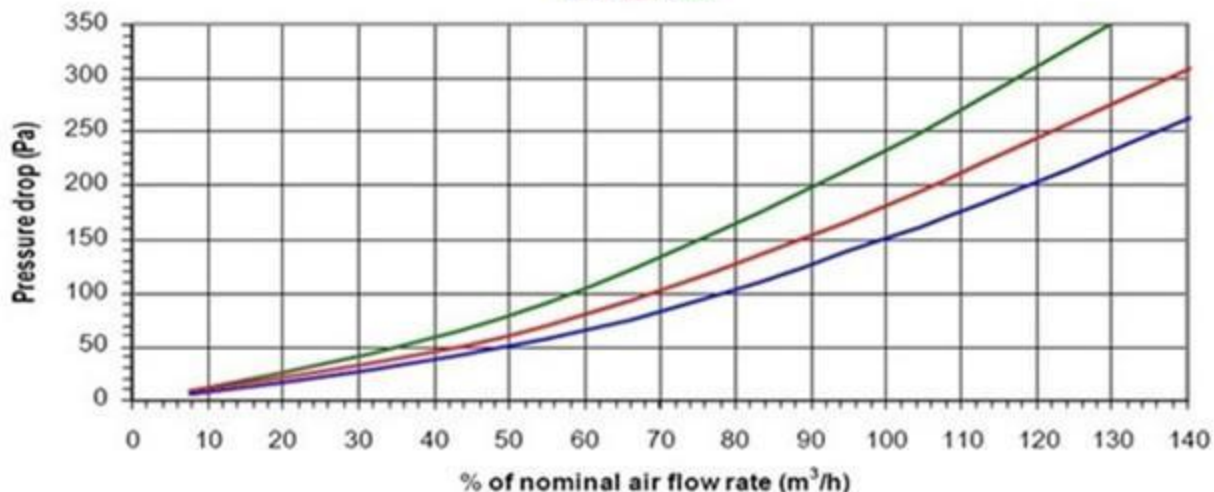
# ERISPRE - Z (F0 -F3) FLANGED HIGH EFFICIENCY PREFILTERS STANDARD SIZES



CODE	Dimensions W x L x D mm	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		
LZ 30 __ F0	288 x 593 x 74	900	3,5	150	180	230	0,013	1,80
LZ 31 __ F0	490 x 593 x 74	1750	6,5	150	180	230	0,022	2,80
LZ 32 __ F0	593 x 593 x 74	2200	8,1	150	180	230	0,026	3,20
LZ 30 __ F3	288 x 593 x 135	1550	5,8	150	180	230	0,023	4,50
LZ 31 __ F3	490 x 593 x 135	2900	10,6	150	180	230	0,039	7,30
LZ 32 __ F3	593 x 593 x 135	3700	13,3	150	180	230	0,047	10,0

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