

ERISPRE - Z

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 μ m CEN - EN 779	EN 779 CLASSIFICATION
EH	EU6	$60 \leq E_m < 80$	F6
RH	EU7	$80 \leq E_m < 90$	F7
SH	EU8	$90 \leq E_m < 95$	F8

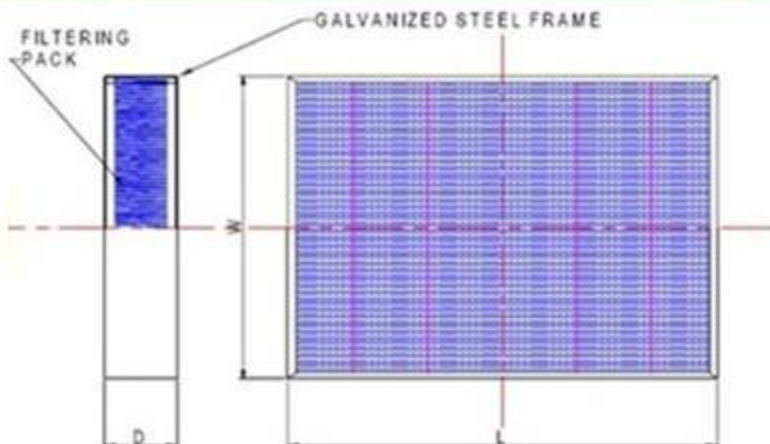
WORKING TEMPERATURE = 60°C

MAXIMUM TEMPERATURE = 80°C max.

RELATIVE HUMIDITY = 90% max.

ERISPRE - Z HIGH EFFICIENCY PREFILTERS WITHOUT FLANGE

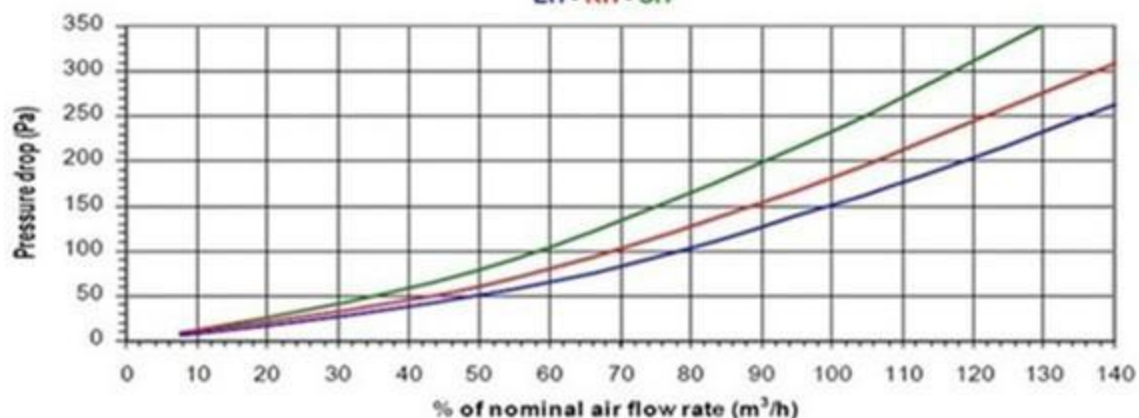
STANDARD SIZES



CODE	Dimensions W x L x D mm	Flow rate m ³ /h	Filtering surface m ²	Initial Pressure Drop Pa			Volume m ³	Weight kg
				EH	RH	SH		
LZ 04__40	305 x 610 x 48	1150	4,4	150	180	230	0,009	1,50
LZ 05__40	457 x 610 x 48	1800	6,7	150	180	230	0,013	2,50
LZ 07__40	610 x 610 x 48	2400	8,8	150	180	230	0,018	3,00
LZ 53__40	288 x 593 x 48	1050	4,0	150	180	230	0,008	1,40
LZ 54__40	490 x 593 x 48	1900	6,9	150	180	230	0,011	2,40
LZ 55__40	593 x 593 x 48	2300	8,4	150	180	230	0,017	2,90
LZ 04__90	305 x 610 x 98	1500	5,5	150	180	230	0,019	2,80
LZ 05__90	457 x 610 x 98	2250	8,3	150	180	230	0,027	4,80
LZ 07__90	610 x 610 x 98	3100	11,1	150	180	230	0,037	6,00
LZ 53__90	288 x 593 x 98	1400	5,2	150	180	230	0,016	2,70
LZ 54__90	490 x 593 x 98	2450	8,9	150	180	230	0,022	4,70
LZ 55__90	593 x 593 x 98	3000	10,7	150	180	230	0,035	5,90

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