

ERISPAC – LR - TM

HIGH EFFICIENCY FILTERS



TYPICAL APPLICATIONS

Medium and high efficiency air filtration in reduced dimensions and high flow filtering units, centrifugal compressors, gas turbines, etc.

TECHNICAL CHARACTERISTICS

MEDIA = Glass fibre paper

SEPARATORS = Cotton threads with hot melt gluing.

SEALANT = Two components cold moulded polyurethane.

FRAME = MDF (Medium Density Fibreboard).

GASKET = One piece cold moulded polyurethane / Foamed Neoprene rubber

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

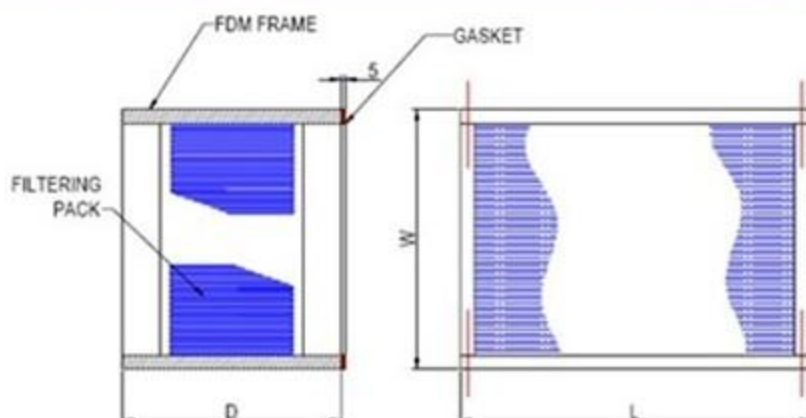
MAXIMUM TEMPERATURE = 80°C max.

RELATIVE HUMIDITY = 100% max.

FIRE RESISTANCE = This filter can be incinerated without the emission of toxic gases and dust in town incinerators.

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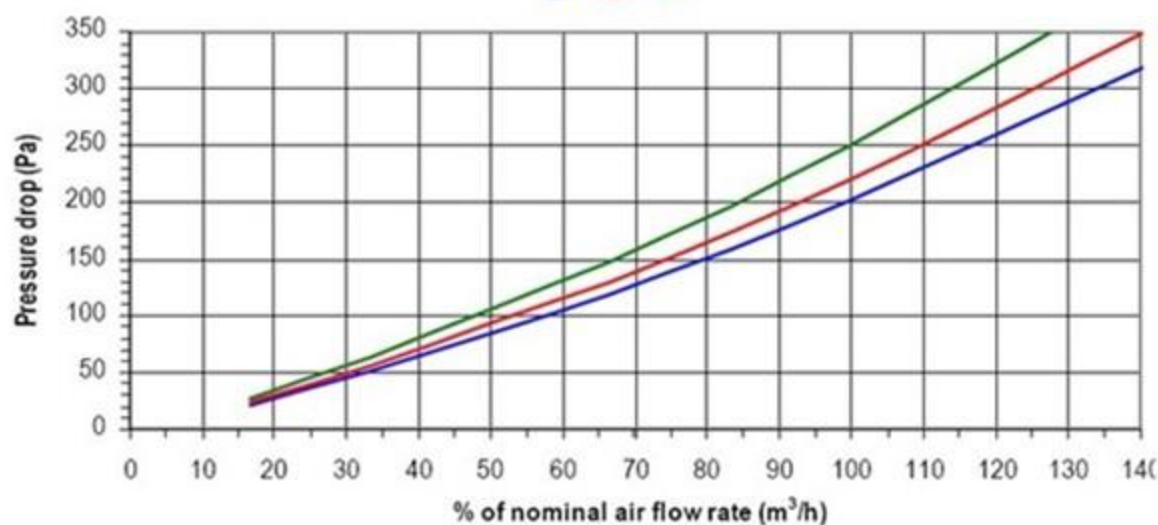
STANDARD SIZES



CODE	Dimensions W x L x D mm	Nominal Flow rate m ³ /h	Filtering surface m ²	Initial Pressure Drop Pa			Volume m ³	Weight kg
				EH	RH	SH		
LR 02__00	305 x 305 x 150	700	3,2	200	220	250	0,014	2,50
LR 04__00	305 x 610 x 150	1350	7,0	200	220	250	0,028	4,00
LR 07__00	610 x 610 x 150	2700	15,0	200	220	250	0,056	7,00
TM 02__00	305 x 305 x 292	870	4,0	200	220	250	0,027	3,00
TM 04__00	305 x 610 x 292	1750	9,0	200	220	250	0,054	6,50
TM 07__00	610 x 610 x 292	3500	19,4	200	220	250	0,108	12,50
TM 16__00	610 x 762 x 292	4350	24,0	200	220	250	0,136	16,00
TM 53__00	288 x 593 x 292	1700	8,1	200	220	250	0,049	6,00
TM 55__00	593 x 593 x 292	3400	18,0	200	220	250	0,103	12,00

Initial pressure drop as a function of the % of nominal air flow rate

EH - RH - SH



- ⇒ Suggested final pressure drop ≤ 600 Pa
- ⇒ Maximum final pressure drop ≤ 1000 Pa