

ERISBIN

TOXIC GASES ADSORBER FILTERS

TYPICAL APPLICATIONS

To be used in air conditioning plants for the removal of smells and odours as well as dusts in public buildings, airports, offices and industrial premises.

TECHNICAL CHARACTERISTICS

FRAME= Strong plastic.

FILTERING MEDIA = Granulate carbon included in pleated synthetic media .

SEALANT = Hot melt glue.

GAS REMOVAL (Molecular adsorption)

CODE
BG

DUST AND GAS REMOVAL EFFICIENCY = (Molecular adsorption and particulate filtration)

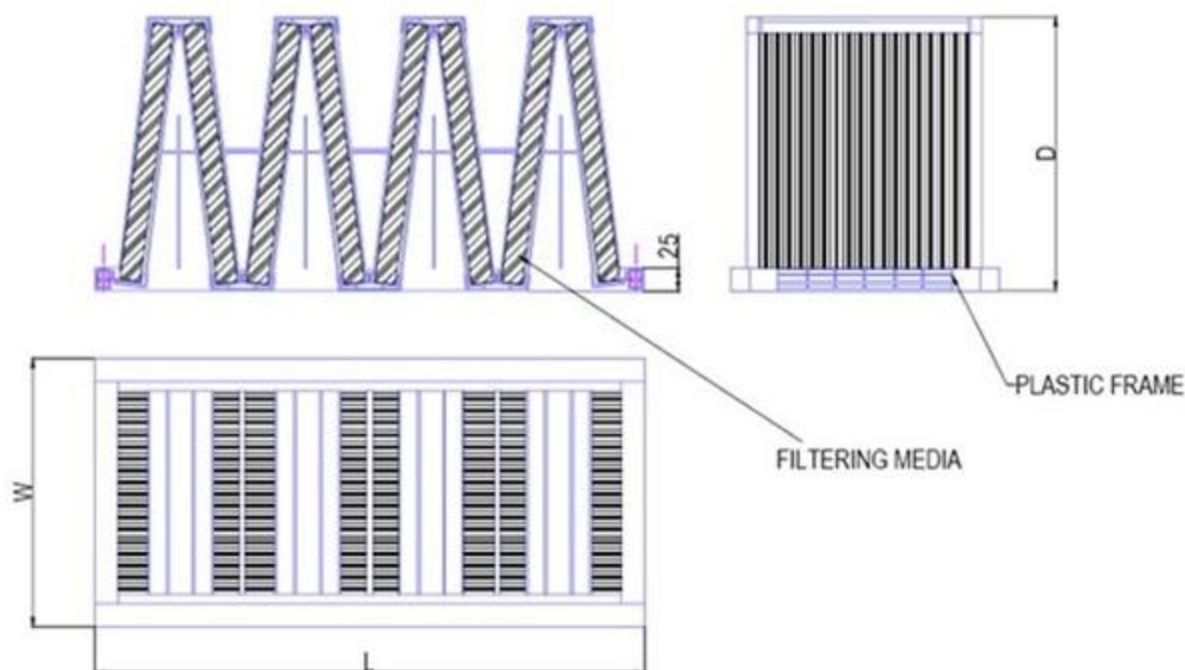
CODE	EUROVENT 4/5 CLASSIFICATION	AVERAGE EFFICIENCY, Em % 0,4µm CEN - EN 779	EN 779 CLASSIFICATION
DG	EU7	$80 \leq Em < 90$	F7

TEMPERATURE = 80°C max.

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

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CODE	Dimensions W x L x D	Nominal Flow rate	Filtering surface	Pressure drop	Adsorption capacity			Dust separation
					n-butane	toluene	SO ₂	
	mm	m ³ /h	m ²	Pa	g	g	g	
BN 30 BG 00	288 x 593 x 292	1600	4,50	100	60	450	55	
BN 31 BG 00	491 x 593 x 292	2400	6,00	100	90	700	85	
BN 32 BG 00	593 x 593 x 292	3200	9,00	100	130	980	120	
BN 30 DG 00	288 x 593 x 292	1600	4,50	100	60	450	55	EU7
BN 31 DG 00	491 x 593 x 292	2400	6,00	100	90	700	85	EU7
BN 32 DG 00	593 x 593 x 292	3200	9,00	100	130	980	120	EU7

⇒ Carbon bed depth = 5 mm

⇒ Carbon quantity = 400 g/m²