



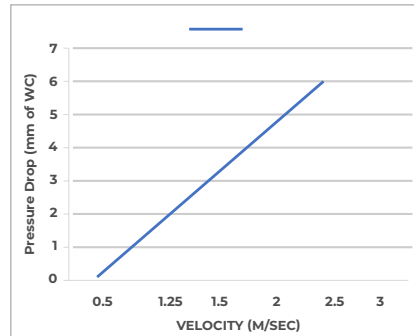
PRE-FILTER

METALLIC BAFFLE (PMB)

The baffle filters are efficient and convenient to clean/wash. They have a high aesthetic appearance and are suitable for extracting grease/oil mist before entering the air ducts in kitchen applications. These filters are manufactured from rigid and non-corrosive metals to ensure long shelf and optional life.

Filter Features

- The PMB series filters are made from rigid non-corrosive metal frames that are easy to clean and wash and have a high aesthetic appearance.
- Mainly used in air handling units in restaurants and industrial applications for oil mist filtration.
- Weeping holes are provided to drain oil or water.
- High velocity airflow & low pressure drop
- PMB series available in various sizes & installation options to fit almost any customer requirements.



Technical Specifications

Type	Metallic Baffle Filter
Frame	Aluminium, Galvanised Iron, Stainless Steel.
Media	Metallic Baffle
Baffle Material	Aluminium/Galvanized iron/Stainless steel
Rated Average Arrestance (%)	≤65%
Final Pressure Drop	400 Pa
Temperature Max	300°C maximum in continuous service
Gasket	Neoprene
Separator	NA
Maximum Air Flow	15% more than rated capacity
Installation Options	Front and side access filter housings
Gasket	NA
Optional guard mesh	NA
Humidity	≤100 % RH
Filters Sizes in	2"/48mm,4"/101mm depth
Filters Testing In Accordance	EN779-2012/ ISO16890/ASHRAE 52.2-2017



Selection Chart

(Order as per model no.)

Order no.	PMB	A	B	C	D	E	F	G	I	J
Example no.	PMB	0	BSS	22	2	B	A	0	0	0

Grade	A	TYPE	B	SIZE	C	DEPTH	D	Frame Construction Type	E	MOC	F	SEPARATOR	G	GASKET	I	TEMP.	J
NA	0	BAFFLE SS	BSS	287X287	22	48 (2')	2	Box	B	Aluminium	A	NA	0	No Gasket	0	Upto 300°C	0
		BAFFLE ALU	BAL	287X592	25	101 (4')	11			GI	G						
		BAFFLE CI	BGI	592X592	55					Stainless Steel	S						

W x L x D (mm)	Rated Face Velocity (m/s)	Rated Air Flow (CMH)	INITIAL PRESSURE DROP (mm of WC) @ RATED AIR FLOW
287X287X48	2.5	850	3
287X592X48	2.5	1700	3
592X592X48	2.5	3400	3
287X287X101	2.5	850	3
287X592X101	2.5	1700	3
592X592X101	2.5	3400	3

For any customized filter, please contact us.

Applications:



PHARMACEUTICAL INDUSTRY



FOOD PROCESSING UNIT



COMMERCIAL BUILDING



PAINT BOOTH



POWER PLANT

NIKHTISH ENGINEERING PVT LIMITED

Founded in 2008, is India's leading manufacturer and distributor of CBRNE Filtration Systems, Air Filters & Clean Room Validation Services. We cater to industries, namely, Pharmaceutical, Automotive, Hospitality, Dairy, Food & Beverage, Biotech, Defence, and Nuclear power plants.

An equal opportunity employer Nikhtish focuses on consistent innovation & development, especially CBRNE (Chemical, Biological, Radioactive Nuclear & Explosives) air filtration systems, and filters while ensuring quality. The manufacturing facility has been ISO 9001 compliant since 2012, and the products are tested by Standards Institute of Israel continuously in their state-of-the-art facility around the year as part of quality assurance.

Contact Us:

Phone : +91-7722008853

Email : sales@nikhtish.com

Address : Nikhtish Engineering Pvt.Ltd, 78/1/1,
Kamthe Estate, Aditya hotel lane,
Shivane, Pune - 411023.

