



Bharat Heavy Electricals Limited
Electric & Photovoltaic Division, Bangalore-12
Works Engineering Department

DESCRIPTION: TECHNICAL SPECIFICATION FOR PRE FILTER AND FINE FILTER

SI No	PARAMETERS OF BHEL		COMMENTS OF VENDOR
	PRE FILTERS		
1	Pre filter Size	610 mm X 610 mm X 50 mm (Qty: 24 Nos)	
2	Pre filter Size	610 mm X 305 mm X 50 mm (Qty: 6 Nos)	
3	Cleaning Standard	EU-4/MERV 8	
4	Media	10 Microne, Washable, Celanable	
5	Frame	Aluminium Extruded Section	
6	Type	Box Type	
7	Media	Non Woolen Synthetic media supported by Aluminium mesh on side and finsihed with HDPE Mesh on the other side	
8	Sealing Media	By means of Epoxy	
9	Efficiency	90% down to 10 micron particle size	
10	IPD	4-5 mm WG	
11	FPD	10 mm WG	
12	No of Folds	6 Nos/ RFT of filtration face area	
	FINE FILTERS		
1	Fine filter Size	610 mm X 305 mmX 305 mm (Qty: 6 Nos)	
2	Fine filter Size	610 mm X 610 mmX 305 mm (Qty: 24 Nos)	
3	Cleaning Standard	EU-5	
4	Media	5 micron Washable/ Cleanable	
5	Frame	Aluminium Extruded Section	
6	Type	Box Type	
7	Media	Non Woolen Synthetic media supported by Aluminium mesh on side and finsihed with HDPE Mesh on the other side	
8	Sealing Media	By means of Epoxy	
9	Efficiency	40% to 60% down to 1 micron particle size	
10	IPD	<8 mm WG	
11	FPD	25 mm WG	
12	No of Folds	6 Nos/ RFT of filtration face area	


Anandjoti Saikia
Sr. Engineer/WEX