



Dyna Filters
Private Limited

Reverse Laminar Air Flow Filters



TECHNICAL SPECIFICATIONS: -

MATERIAL OF CONSTRUCTION: -

Mai body: - S.S.304/316 PVC coated matt finish OR CRCA powder coated with RAL9002 colour shade.

Side panels: - S.S.304/316 PVC coated matt finish OR CRCA powder coated with PUF insulation of foam density 38 Kg/m³.

PRE-FILTER (PRIMARY FILTER) : -

Filter Casing- S.S.304/316 flange type.

Efficiency- 90% down to 10 micron (EU-4 Rating.)

Media- Three layers of High Density Polyethylene Mesh along with AL.wiremesh.

INTERMEDIATE-FILTER (SECONDRY FILTER) : -

Filter Casing- S.S.304/316 flange type.

Efficiency- 95% down to 5 micron (EU-7 Rating.)

Media- Non-woven synthetic media sandwiched between two layers of HDPE mesh.

SUPPLY FILTER: -

Filter Casing- Aluminum factory extruded section, Box type.

Efficiency- 99.999% down to 0.001 micron (EU-14 Rating.)

Media- Micro fiberglass paper media (Imported) pleated along with Hot Melt Glue.

EXHAUST FILTER: -

Filter Casing- Aluminum factory extruded section.

Efficiency- 99.999% down to 0.001 micron (EU-14 Rating.)

Media- Micro fiberglass paper media (Imported) pleated along with Hot Melt Glue.

BLOWER MOTOR ASSEMBLY:-

Electric Motor-Compton / Shanty make, double ended shaft, Single phase, 240 volts, 50Hz.

Impellers-Aluminium, statically & dynamically balanced, forward curve type.

Blower casings- FRP, centrifugal type with spring suspension.

ACCESSORIES: -

Magnehelic pressure gauge for checking the pressure drop across the supply Minipleat Hepa Filters and pre-filter. Range- 0 TO 50 mm of WC.

ELECTRICALS: -

Feather touch ON/OFF switches for b/w motor, tube light, UV light & aux. socket with light indication.

40w, Fluorescent light with milky diffuser.

6/16 Amps, Aux. socket with s.s.cover plate.

16 Amps. Three-pin top along with connection cable.

SELECTION CHART

MODEL NO	OVERALL DIMENSIONS (MM)			WORKSPACE DIMENSIONS (MM)			ELECTRICAL	
	W	D	H	W	D	H	B/W MOTOR (# X HP)	SUPPLY (PHASE)
DFPL/RLAF/2-2	760	1350	2200	710	725	1830	01X0.5	SINGLE
DFPL/RLAF/3-2	1065	1065	1065	1015	725	1830	01X0.75	SINGLE
DFPL/RLAF/4-2	1370	1350	2200	1320	725	1830	01X0.75	SINGLE
DFPL/RLAF/3-3	1065	1655	2200	1015	1030	1830	01X0.75	SINGLE
DFPL/RLAF/4-3	1395	1655	2200	1355	1030	1830	02X0.75	SINGLE
DFPL/RLAF/4-4	1395	1960	2200	1355	1335	1830	02X0.75	SINGLE
DFPL/RLAF/5-4	1675	1985	2200	1635	1360	1830	02X1	SINGLE
DFPL/RLAF/6-4	2030	1960	2200	1980	1335	1830	02X1	SINGLE
DFPL/RLAF/6-5	2030	2265	2200	1980	1640	1830	02X1	SINGLE
DFPL/RLAF/6-6	2030	2595	2200	1980	1970	1830	02X1	SINGLE
NOTE: - ALL								
OTHER SIZES ARE AVAILABLE AS PER REQUIREMENT.								