

**TECHNICAL  
SPECIFICATION**

**FLEXAIR AIR PURIFICATION SYSTEM  
SIZES 350-3400**

**FLEXAIR AIR PURIFICATION SYSTEM (APS) CABINET TYPE FOR FRESH AIR COMES WITH FOLLOWING  
OUTSTANDING FEATURES**

- | MADE OF EXTRUDED ALUMINIUM PROFILED FRAME.
- | DOUBLE SKIN CASING- OUTER CASING MADE OF PRE COATED SHEETS.  
INNER CASING MADE OF GALVANISED STEEL SHEET.
- | CASING/PANELS INSULATED WITH FIBER GLASS INSULATION CROWN-300  
(40 kg/cubic metre).
- | CASING THICKNESS 25/50MM THICK PANELS
- | THE CASING MEETS THE PROVISION OF TIGHTNESS CLASS L1.
- | SUPPLY AIR PRE G4, CHEMICAL FILTER, PRE G4, FINE FILTER F7, FINE FILTER (F9) &  
FAN SECTIONS.
- | CHEMICAL FILTER MATRIX IS FORMED HONEYCOMB MATRIX BASED MICRO-POROUS  
CHEMICAL FILTER.
- | THE FILTER HAVE LOW PRESSURE DROP.
- | CHEMICAL FILTER DEPTH IS 200MM.
- | CHEMICAL FILTER HAVE LARGE AMOUNT OF IMPREGNATED CHEMICAL TYPICAL  
15% FOR KMnO4 FOR THE CHEMICAL REACTION FOR MAXIMUM EFFICIENCY FOR  
GIVEN PHYSICAL SIZE AND GEOMETRY OF THE MEDIA MATRIX.
- | CHEMICAL FILTER IS DESIGNED FOR 400-500 FPM.
- | FACTORY WIRED CONTROL PANEL.
- | PORT FOR PRESSURE DIFFRENTIAL MEASUREMENT ACROSS THE FILTERS.
- | DIRECT DRIVEN HIGH EFFICIENCY PLUG FANS.
- | THE FAN WHEEL & HOUSING IS FABRICATED FROM HEAVY GAUGE  
GALVANISED STEEL SHEET.
- | AVAILABLE IN 5 SIZES, WITH AIR FLOW RANGE OF 350-3400 M3/H  
DUCT CONNECTION FRAME.

**FRESH AIR PURIFICATION SYSTEM CONSISTS OF A NUMBER OF COMPLETE FUNCTIONAL SECTIONS**



S. No.	Model	Air Flow (cmh)	Unit Dimensions (mm)			Motor (kW)
			Length	Width	Height	
1	APS-350	350	2300	750	700	1.6
2	APS-850	850	2300	750	700	1.6
2	APS-1700	1700	2300	750	750	1.6
3	APS-2500	2500	2445	750	850	3.3
5	APS-3500	3400	2445	1130	850	3.3

Motor kw is based on 250 PA ESP and with EC Fans.

**ALL DATA SUBJECT TO CHANGE WITHOUT NOTICE**

