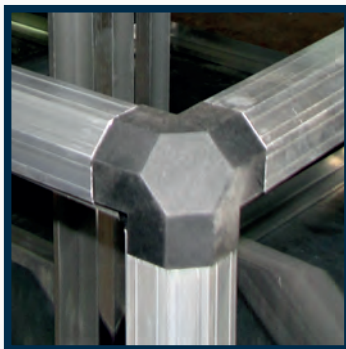
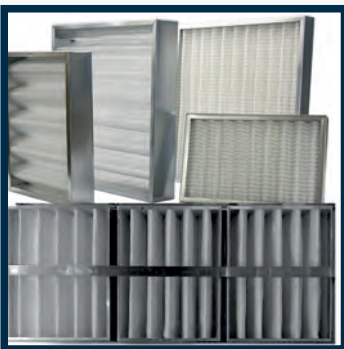


AIR HANDLING UNITS

..that handle air with care!



AIR HANDLING UNIT (AHU)

An AHU is a device used to condition and circulate air as part of the cooling and heating requirements of a room. As we specialize in Pharmaceutical applications, the required sizing of an AHU is always optimized to meet the intended purpose in the most efficient manner.

Pharma Engineers supplies customized AHUs in combination with DEHUMIDIFIER, HUMIDIFIER, ENERGY RECOVERY WHEEL or with HEAT PIPE, depending on the client's requirement.

SALIENT FEATURES

- AHU panels are of 25/45mm thickness
- Thermal Bridging Construction conforms to TB-2 standards
- All corners are covered
- All hardware items are imported
- Gaskets are food-grade and of P type
- Construction leakage complies with Std En1886 Class B
- Pressure differential ports filter
- Self Drainage facility
- View-glass for motor blower assembly

High Manufacturing Standards

- Framework is made with extruded Aluminum profiles, with thermal barrier to avoid condensation.
- Panels are made of eco-friendly, self-extinguishing imported PUF materials, with variants available in double skin 25mm and 43 mm with a density of 38 ± 2 Kg/mt³.
- Base Frame is made of 14 Gauge galvanized steel having lifting holes.
- Drain Pan is made of SS-304 construction with rounded corners.
- Gaskets to profiles ensure air-tight construction; leakage complies with Std En1886 Class B.
- Cooling coil and Hot water Coils are selected technically for high efficiency, maintaining the desired temperatures and partially, humidity.
- Filters of AHUs are fitted with single or multiple filtration as application demands. Filters are as per EN779 and En1822 standards across the complete range.



AHU CAPACITY	PLUG FAN		AHU DIMENSIONS			FILTERATIONS	
CFM	S.P MM	MKW	Width	Height	Length	PRE	FINE
1000	150	1.5	940	940	4556	F5	F7
1500	150	2.2	940	940	4556	F5	F7
2000	150	3.7	940	940	4556	F5	F7
3000	150	5.5	1240	1000	4606	F5	F7
4000	150	5.5	1540	1100	4686	F5	F7
5000	150	7.5	1540	1240	4786	F5	F7
6000	150	11	1540	1240	4870	F5	F7
8000	150	11	1540	1540	5010	F5	F7
10000	150	15	1840	1540	5266	F5	F7
12000	150	18.5	2200	1540	5316	F5	F7
14000	150	18.5	2200	1840	5366	F5	F7
15000	150	18.5	2200	1860	5429	F5	F7
16000	150	22	2200	2100	5429	F5	F7
18000	150	22	2200	2100	5429	F5	F7
20000	150	30	2780	1900	5429	F5	F7
22000	150	30	2780	2100	5429	F5	F7
26000	150	37	3000	2300	5587	F5	F7
28000	150	37	3420	2300	5587	F5	F7

Note :- Size of the AHU may change as per the site conditions and its requirements



PHARMA ENGINEERS[®]
people in strength