

103, Aai laxmi plaza. Mhatre compound, behind classic hotel, kalyan shill road, Dombivali (E).-421204 Tel- 9223501187, 7303033308. Email - info@airmicron.com, amicronclean@gmail.com Website - www.airmicron.com.

DOUBLE SKIN / HORIZONTAL / VERTICAL CEILING SUSPENDED AIR HANDLING UNIT

Double Skin Air Handling Unit has a wide range of application in cooling, heating, humidification and ventilation etc. AMICRON CLEANTECH PVT LTD are selected & designed by unique SELECTION SOFTWARE for selecting optimum and high quality designs for our Air Handling Units to provide maximum output. We also offer economy series of Double Skin Air Handling Unit to replace the Single Skin Units.

Our standard Ahu's range is from 1000 CFM to 100000 CFM & can also be designed for higher capacity as per customer's requirement. Our units are extensively used in malls, hotels, pharmaceuticals, offices, schools, industrial projects and other eco-friendly environment.

The units & its components are certified as under

- Double skin casing is tested & approved in accordance with BS EN 1886 : 1998
- Centrifugal fan are AMCA certified for sound & air performance.
- Heat transfer coils are rated & approved in accordance with ARI standard 410-2001



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SPECIAL FEATURES :

Applications	Cooling, heating, Humidification , Ventilation
Frame Work	Mainframe of self- supporting hollow extruded Aluminium profile, Thermal break construction as option
Frame Panels	Double Skin CFC / HFC free PUF injected 25 / 43 mm thick panels. Various skin option available in plain GSS, prepainted GSS, Aluminium, Stainless steel as per duty requirements
Fan Section	Fan Section contains belts driven DIDW Forward / Backward / Aerofoil Backward curved Centrifugal Blower & direct driven Plug Fans as per requirement.
Fan/Motor Assembly	Fan and Motor assembly mounted on common base frame of Extruded Aluminium Profile on vibration isolators.
Coil Section	Coil Section designed for CHW / HW / DX high efficiency heat transfer coils.
Drain Pan	Dual Slopping Aluminium / Stainless steel drain pan mounted on PUF insulated bottom panel.
Filter Section	Flat Filter Section designed for Synthetic pleated pre-filters. Choice of filtration available as per required duty conditions levels.
Optional Sections	Mixing chamber - For Fresh Air & Return Air mixing. Manual / Motorized controls- optional. Micro 'V' / Hepa / Bag / EU- 4 / EU- 7 / EU- 9 / EU- 13 / Special Filtrations Filter Section. Heat Recovery Wheel Section. Spray / Pan Humidifiacation Section. Other Special Sections as per individual customer requirements.

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SPECIFICATIONS OF CEILING SUSPENDED AHU (SINGLE BLOWER)

MODEL	CFM	FAN MODEL	COIL AREA SQ.FT	HEIGHT	WIDTH	LENGTH
ACPL-10	1000	7" X 7" X 1	2.0	550	900	850
ACPL -15	1500	9" X 9" X 1	3.0	550	950	900
ACPL 20	2000	10" X10" X 1	4.0	600	1125	950
ACPL 25	2500	12" X 12" X 1	5.0	660	1200	1100
ACPL30	3000	12" X 12" X 1	6.0	660	1375	1100
ACPL35	3500	15" X 15" X 1	7.0	750	1425	1150
ACPL 40	4000	15" X 15" X 1	8.0	750	1525	1150
ACPL45	4500	18" X 18" X 1	9.0	900	1450	1300
ACPL 50	5000	18" X 18" X 1	10.0	900	1600	1300
ACPL 55	6000	18" X 18" X 1	12.0	900	1750	1300

SPECIFICATIONS OF CEILING SUSPENDED AHU (TWIN BLOWER)

MODEL	CFM	FAN MODEL	COIL AREA SQ.FT	HEIGHT	WIDTH	LENGTH
ACPL30T	3000	9" X 9" X 2	6.0	550	1625	950
ACPL35T	3500	10" X10" X 2	7.0	600	1750	1000
ACPL40T	4000	10" X10" X 2	8.0	600	1950	1000
ACPL50T	5000	12" X 12" X 2	10.0	660	2100	1100
ACPL60T	6000	12" X 12" X 2	12.0	660	2475	1100
ACPL70T	7000	15" X 15" X 2	14.0	750	2450	1200
ACPL80T	8000	15" X 15" X 2	16.0	750	2750	1200