

AIR-COOLED DEHUMIDIFIER ADH6000

TECHNICAL SPECIFICATION

DETAILS

Dehumidified airflow	6,000 CMH
Static pressure	150 mm.WG
Evaporator capacity	130000 kcal/hr
Compressor capacity	1 x 40 ton
Cooling media	Air-cool
Refrigerant	R22
Intake air temperature	0 deg. C to 38 deg.C
Discharge air condition	Off-coil 10 to 12 deg.C
	After heating 25 - 27 deg.C
Operation mode	Above 10 deg.C (cooling mode)
	Below 10 deg.C (heating mode)
Dew point	10 -13 deg.C
Relative humidity	45% and below
Evaporator material	Copper tube / Aluminium fin
Condenser material	Copper tube / Aluminium fin
Reheat coil material	Copper tube / Aluminium fin
Enclosure structure	Containerized
Overall weight	4 ton
External dimension	2360 (L) x 2430 (W) x 2740 (H)
Discharge air connection	2 x Dia. 10" outlet
Insulation	1/2" Amerflex rubber sheet
Power cable	95 mm sq. neoprene cable
Control panel	IP54 enclosure
Temperature display	Off-coil temperature
Pressure display	Low / High / Oil pressure
Cabling	Galvanized cable tray
Air filters	4 pcs (400 x 810 mm) 93% eff.

Power Consumption

Power supply	380 V ~ 415V 3 phase 50 Hz
Condenser motors	2 x 3 kW
Blower motor	4 kW
Compressor motor	37 kW
Total consumption	47 kW

Note : The manufacturer reserves the right to make changes in technical and product specification without prior notice.

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