

AIR-COOLED DEHUMIDIFIER ADH12000

TECHNICAL SPECIFICATION

DETAILS

Dehumidified airflow	12,000 m ³ / hr
Static pressure	6" w.g.
Evaporator capacity	195,000 kcal / hr
Compressor capacity	1 x 65 ton
Cooling media	Air-cool
Refrigerant	R22
Intake air temperature	0 deg. C to 35 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 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	4.5 ton
External dimension	3900 (L) x 2430 (W) x 2740 (H)
Discharge air connection	4 x Dia. 10" outlet
Insulation	1/2" Amerflex rubber sheet
Power cable	95 mm sq. PVC/PVC cable
Control panel	IP54 enclosure
Temperature display	Off-coil temperature
Pressure display	Low / High / Oil pressure
Cabling	Galvanized cable tray
Air filters	2 pcs (535 x 810 mm) 93% eff.

Power Consumption

Power supply	3 phase 415 V 50 Hz
Condenser motors	3 x 3 kW
Blower motor	15 kW
Compressor motor	75 kW
Total consumption	99 kW

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

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