

AIR-COOLED DEHUMIDIFIER ADH18000

TECHNICAL SPECIFICATION

DETAILS

Dehumidified airflow	18,000 m ³ / hr
Static pressure	6" w.g.
Evaporator capacity	2 X 151,000 kcal / hr
Compressor capacity	2 X 151,000 kcal / hr
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	6.5 ton
External dimension	4200 (L) x 2400 (W) x 2700 (H)
Discharge air connection	1 x Dia. 600mm 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 & 93% eff.

Power Consumption

Power supply	3 phase 415 V 50 Hz
Condenser motors	3 x 3 kW
Blower motor	2 X 11kW
Compressor motor	2 X 55 kW
Total consumption	251 kW

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

6/20/2001