

AIR-COOLED DEHUMIDIFIER ADH3000

TECHNICAL SPECIFICATION

DETAILS

Dehumidified airflow	3,000 CMH
Static pressure	200 mm WG
Evaporator capacity	48383 kcal/hr
Compressor capacity	1 x 16 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 - 13 deg.C
Relative humidity	45% and below
Evaporator material	Copper tube / Aluminium fin
Condenser material	Copper tube / Aluminium fin
Enclosure structure	Containerized
Overall weight	3.5 ton
External dimension	L 6ft x W 6ft x H 7ft
Discharge air connection	1 x Dia. 10" outlet
Insulation	1/2" Amerflex rubber sheet
Power cable	95 mm sq. PVC cable
Control panel	SS (316) Air Purge Empty Enclosure
	(H) 1500 mm x (W) 500 mm x (D) 450 mm
Temperature display	Off-coil temperature
Pressure display	Low / High / Oil pressure
Cabling	Galvanized cable tray
Air filters	3 pcs (400 x 810 mm) 93% eff.

<i>Power Consumption</i>	Tropical Unit	Winter Unit
Power supply	3 phase 380 V 50 Hz	
Condenser motors	1 x 3.7 kW	1 x 3.7 kW
Blower motor	5.5 kW	5.5 kW
Compressor motor	18.6 kW	18.6 kW
Heater	36 kW	54 kW
Total consumption	63.8 kW	81.8 kW

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

6/20/2001