

AIR-COOLED DEHUMIDIFIERS

For use in the Far East Region



AIRBLAST



The Airblast Air-Cooled Dehumidifiers are used for drying air of up to 100% relative humidity (RH) with temperatures from -30 °C to +40 °C.

The applications are numerous and wide spread. Below are some examples:

- Surface treatment during internal blasting and painting of tanks
- Shipping industry, both for permanent and temporary applications
- Controlling humidity levels in production processes
- Protection of equipment sensitive to corrosion
- Climatic improvements in damp areas

Airblast Dehumidifiers is delivered as a complete unit with fans, filters, rotor and controls. The dehumidifier is ready for site installation and connection to standard-size ducting.

Each dehumidifier will be custom designed according to the local conditions and the needs of the customer.

AIR-COOLED DEHUMIDIFIERS

	DH6000S	DH9000S	DH12000S	DH18000S
Process airflow (m ³ /hr)	6000	9000	12000	18000
Compressor power (HP/kW)	40/30	50/37	60/45	110/82
Compressor capacity (kW/hr)	150.5	191.4	207	379.6
Process blower (kW)	5.5	11	15	30
Reheating capacity (kW)	27	27	27	54
Condenser fans (kW)	2*2.2	3*2.2	3*2.2	6*2.2
Static pressure (Pa/H ₂ O)	2000	2500	3000	4000
Power Consumption (kW)	66.9	81.6	93.6	179.2
Condenser	Copper tube / Aluminium fins			
Evaporator	Copper tube / Copper fins			
External dimension LxWxH (mm)	2800x2200x2220	3800x2300x2420	3800x2300x2520	5920x2300x2500
Weight (metric ton)	2.8	3.5	4	7
Discharge dimension (mm)	2 - Ø 280	3 - Ø 280	4 - Ø 280	6 - Ø 280

Note (All Models):

1. Power supply: 3-phase plus earth 415V / 50 Hz
2. Refrigerant: R22
3. Cooling step control: 25%~50%~75%~100%
4. Cooling Media: Air
5. Discharge condition: 25 ± 3 °C/RH below 45%
6. We have the policy to improve our equipment continuously & shall reserve the rights to change the dimensions and specs without prior notice.

DIMENSIONS

	DH6000S	DH9000S	DH12000S	DH18000S
A (mm)	2800	3800	3800	5920
B (mm)	2200	2300	2300	2300
C (mm)	2220	2420	2520	2500
D (mm)	1300	1300	1300	1300

