

# AIR-COOLED DEHUMIDIFIERS

For use in the Middle East Region



**AIRBLAST**



The Airblast Air-Cooled Dehumidifiers are used for drying air of up to 100% relative humidity (RH) with temperatures from +45 °C and above.

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

	<b>DH6000M</b>	<b>DH9000M</b>	<b>DH12000M</b>	<b>DH18000M</b>
Process airflow (m <sup>3</sup> /hr)	6000	9000	12000	18000
Compressor power (HP/kW)	60/45	80/60	100/75	140/105
Compressor capacity (kW/hr)	207	277	340	490
Process blower (kW)	5.5	11	15	30
Reheating capacity (kW)	27	54	54	72
Condenser fans (kW)	3*2.2	4*2.2	6*2.2	8*2.2
Static pressure (Pa/H <sub>2</sub> O)	2000	2500	3000	4000
Power Consumption (kW)	85	134	157	225
Condenser	Copper tube / Aluminium fins / Stainless structure			
Evaporator	Copper tube / Copper fins / Stainless structure			
External dimension LxWxH (mm)	3800x2300x2500	4900x2300x2500	5900x2300x2520	6500x2300x2500
Weight (metric ton)	3.8	5.5	7	8
Discharge dimension (mm)	2 - Ø 300	3 - Ø 300	4 - Ø 300	6 - Ø 300

### 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

	<b>DH6000M</b>	<b>DH9000M</b>	<b>DH12000M</b>	<b>DH18000M</b>
A (mm)	3800	4800	5900	6500
B (mm)	2300	2300	2300	2300
C (mm)	2500	2500	2520	2500
D (mm)	1300	1300	1300	1300

