



# EUROBLAST MIDDLE EAST

## EUROBLAST DH 1,000 M3/H - EUROBLAST DH 18,000 M3/H

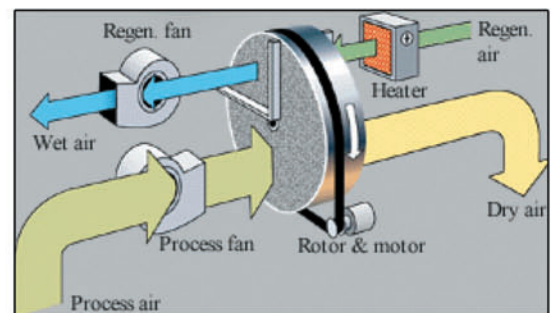
EUROBLAST Dehumidification Machines provide humidity control especially in blast and paint applications and allow to paint and sandblast at suitable humidity. Our machines produced using silica-gel rotors minimize the drying time by providing heat and humidity balance and prepare corrosion prevention environment.

- Models from 1,000 m<sup>3</sup> / h to 18,000 m<sup>3</sup> / h.
- The pre-cool and after-cool versions are optional.
- Strong design with steel case and screws.
- The ability to easily remove and install spare parts.
- Large air inlet grille and filters.
- Adjustable dehumidification capacity and air outlet heat adjustment.
- Usability in interior and exterior areas
- Dry air pressure up to 1200 pascal.



### It is mainly used in the following industries and sectors:

- Shipbuilding Industry
- Foundries
- Tank Manufacturing
- Petro Chemistry
- food
- Textile



Working Principle

### Technical Specifications

EUROBLAST Dehumidification Machines vary from 1,000m<sup>3</sup> / h to 18,000m<sup>3</sup> / h. Depending on the application of Moisture Acceptors Relative Humidity (RH) in Indoor environment can be reduced to levels of 10-15% from 90% levels.

EUROBLAST SERIES	DH 3000	DH 5000	DH 8000	DH 10000
Water removal Cap.	14.4 kg/h	32.0kg/h	52.4 kg/h	62.0kg/h
Process air volume	3,000 m <sup>3</sup> /h	5,000 m <sup>3</sup> /h	8,000 m <sup>3</sup> /h	10,000 m <sup>3</sup> /h
Reg. Air heater cap.	30 kW	45 kW	60 kW	70 kW
Reg. Air fan motor	2.2 kW	3 kW	4.0 kW	5 kW
Process air motor	3.0 kW	4.0 kW	5.5 kW	8.0 kW
Rotor motor	0.09 kW	0.09 kW	0.09 kW	0.09 kW
--Max. Electrical Cap.	36 kW	53 kW	70 kW	84 kW
Height	1,100 mm	1,200 mm	1,270 mm	1,450 mm
Width	900 mm	1,100 mm	1,180 mm	1,300 mm
Lenght	2,100 mm	2,300 mm	2,750 mm	2,950 mm
Weight	580 kg	850 kg	980 kg	1,150 kg
Electrical	380V 60Hz --- 230 / 380 V- 50Hz (for the vessels)			
Air Inlet	150 mm	200 mm	265 mm	300 mm
Dry Air Outlet	165 mm	217 mm	275 mm	310 mm
Air Pressure (up to)	1100 Pa			



**EUROBLAST**  
MIDDLE EAST

## EUROBLAST DH SERIES DEHUMIDIFIERS

### DH 1,000 M<sup>3</sup>/H - DH 18,000 M<sup>3</sup>/H

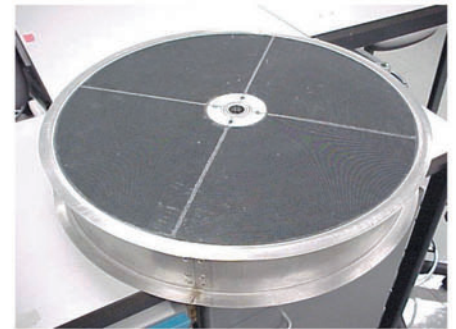
The heart of the humidifier is a very efficient and robust metal silicate rotor. The rotor contains a vast number of air channels, running parallel to the shaft, which ensures a large internal surface for adsorbing water vapour. The rotor is not affected by over saturation. Therefore, the EUROBLAST dehumidifier's rotor can resist long time storage at high humidity without losing capacity.

The EUROBLAST dehumidifiers have been developed especially for corrosion protection in connection with sandblasting and painting operations to protect materials and to avoid moisture problems, meeting the following conditions:

- Available in sizes from 1,000 m<sup>3</sup>/h to 18,000 m<sup>3</sup>/h dry air.
- Available in pre-cooled and after-cooled versions for warm climates.
- Robust design with steelframe, eyebolts etc.
- Vital parts can easily be maintained and exchanged.
- Large air inlet grills and filters.
- Can be built into containers for protection.
- Adjustable dehumidifying capacity and outlet air temperature in 4Grades.
- Outdoor and indoor use.
- Dry air pressure up to 1200 Pa

#### Technical Specifications

- Dehumidifiers differs between 1,000 m<sup>3</sup>/h - 18,000 m<sup>3</sup>/h.
- EUROBLAST Dehumidifiers decrease the Relative Humidity (RH) from 90% - 10-15 %.
- Dehumidifiers are capable to remove 100lt water per hour.



Our 3000m<sup>3</sup>/h Dehumidifier for Textile Mill



Our 18000m<sup>3</sup>/h Dehumidifier for Africa

