

# Shipping Dehumidification

Protecting your vessels from moisture damages



Engine room  
Control room  
Bow thruster room  
Cargo holds  
Specific objects  
Refrigerated areas

Applicable Areas





# Shipping Dehumidification

## Moisture control technology

Protecting your vessels against moisture damages helps maintain the efficiency and life-span of machineries, equipment and systems. Rectifying problems caused by corrosion, mould, condensation takes time and can be costly.

Leading Swedish supplier DehuTech AB develops, designs and manufactures dehumidifiers, and provides a range of dehumidifying services to reduce the risk of such damages.

### Areas which can benefit from dehumidification

- Engine room
- Control room
- Bow thruster room
- Specific objects
- Cargo holds
- Refrigerated areas

Dehumidification can protect vital equipment from electrical malfunction or corrosion, and maintain improved climate in enclosed areas. Supplying dry air at desired levels of relative humidity helps in conservation of the controlled spaces.

In addition, vessels carrying moisture sensitive cargoes can protect the shipments reliably and cost-and-energy efficiently using suitable dehumidifiers. Take steel and iron which are easily affected by rusting as an example. Having a controlled relative humidity in the cargo hold at a maximum 50% will reduce the risk of corrosion to a negligible level.

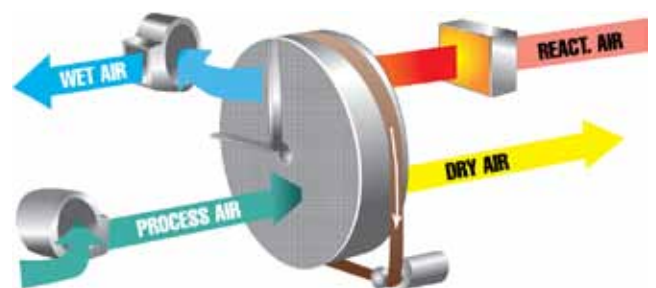
There are basically two main types of dehumidifiers – condensing and desiccant types. For shipping applications, desiccant

dehumidifiers are more widely used for shipping applications; but condensing type may be used in certain climates and for certain compartments.

### Installation

Dehumidifiers are normally installed indoors but may also be installed outdoors provided they are properly weather protected. For outdoor installation without separate weather protection, specially designed outdoor dehumidifiers are available.

A dehumidifier can either be in continuous operation or controlled by humidistat to a desired level of relative humidity.



**Desiccant dehumidifier**

GAC Dehumidification Solutions is a business unit of GAC Solutions Limited and at all times acts as "As Agents Only" in respect to the supply of ship agency, logistics and certain products and/or services of DehuTech AB or associated companies of theirs and all business undertaken is subject to their Standard Conditions of Business, which are incorporated into all contracts to which they are a party. DehuTech AB Standard Conditions are available from our office upon request or at [www.gacworld.com](http://www.gacworld.com).

**GAC Dehumidification Solutions**  
Powered by **DehuTech**

Mätslingan 22  
SE-187 66 TÄBY SWEDEN  
Tel + 46 8 792 04 08  
Fax +46 8 792 55 59  
Email [dehutech@gacworld.com](mailto:dehutech@gacworld.com)

[www.gacworld.com](http://www.gacworld.com)

