



**DF**  
**Air dehumidifiers**



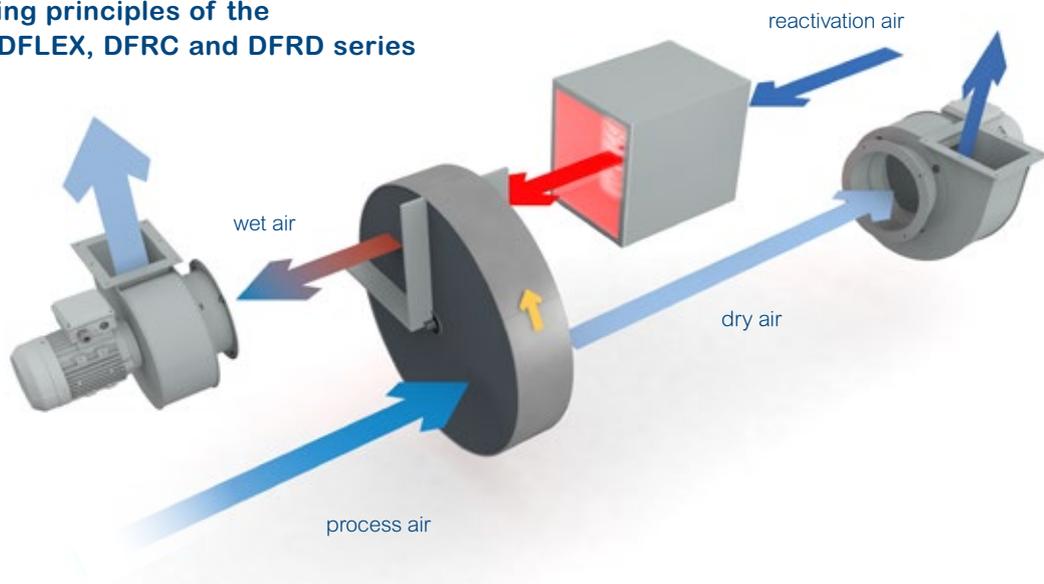
## DF air dehumidifiers

### LOW DEW POINT • HIGH QUALITY

A large number of industrial materials and processes require dry air:

- Of the numerous processes available for drying air, desiccant rotor technology has proven itself as providing the best combination of low installation costs, a greater range of applications, and the lowest operating costs.
- FISAIR supplies a range of desiccant dehumidifier series adapted to specific applications.
- Each series is equipped with the highest quality components and a design centred on simple maintenance and low energy consumption.

### Operating principles of the DFRA, DFLEX, DFRC and DFRD series



### DFRA series a wide range of Solutions

Highly reliable units with drying capacities from 3 to 42 kg/h and dry air flows from 450 to 6,000 m<sup>3</sup>/h.



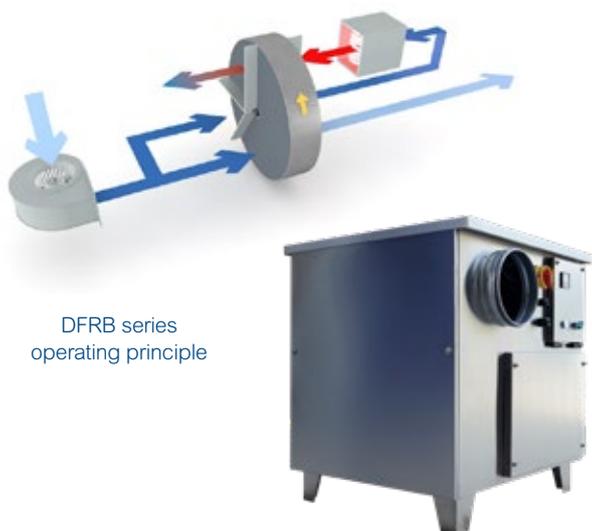
### DFLEX series flexible range

Highly reliable units with drying capacities from 52 to 162 kg/h and dry air flows from 7,500 to 24,000 m<sup>3</sup>/h.



**DFRB series**  
the compact solution

The B series made from stainless steel provides a range of highly compact, robust and portable dehumidifiers for use in the most demanding applications while meeting high reliability and low energy consumption needs.



DFRB series  
operating principle

**DFRD series**  
the compact solution

This range completes the B series with an additional fan to increase the specific drying capacity and the available wet air pressure.



**DFRC series**  
mobile and heavy duty drying

Series aimed at temporary drying with a robust chassis and finish to protect against corrosion. Ideal for surface treatment and rental applications.



**DFRM series**  
modular solutions

Custom-made solutions for a large number of industrial processes requiring air drying. Robust construction and wide ranging setup possibilities.

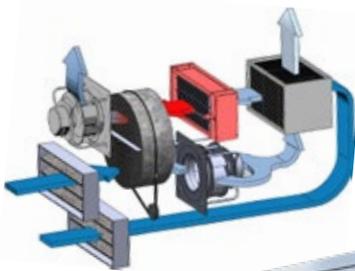




## DF air dehumidifiers

### DFRIGO series ice-free energy lossless

Units designed to reduce humidity in refrigerated areas and processes. Leader in its field in terms of its thermal insulation, robust design and energy efficiency.



DFRIGO series  
operating principle



### DFC series condensing dehumidifiers

Wide range of equipment for dehumidification and ventilation of swimming pools and industrial processes.



## Typical applications



### MANUFACTURING PROCESSES

Pharmaceutical industry, polymer plastics, textiles, chemicals...



### PRODUCT DRYING

Cured meats, cheeses, sweets, chocolate, powdered foods, photographic paper...



### PREVENTING CORROSION

Automotive industry, shipbuilding, electricity plants, weaponry, electronic materials...



### CONSERVATION

Dry warehouses, paper and wood, covered swimming pools, works of art, granular materials...



### COLD WAREHOUSES AND CHAMBERS

Slippery floors, defrosting, electrical faults, high consumption levels...



### CONTROLLED AREAS

Pharmaceutical industry, laboratories, testing chambers, warehouses, museums, etc...



### TEMPORARY DRYING

On construction sites, repairs and assembly...



### INDUSTRIAL PROCESSES

Requiring ambient humidity control.



### REPAIRING DAMAGE

Caused by floods, breakages, etc.



### COLD CHAMBERS

Where condensation on foodstuffs or industrial products is a problem and/or increases electricity consumption.