

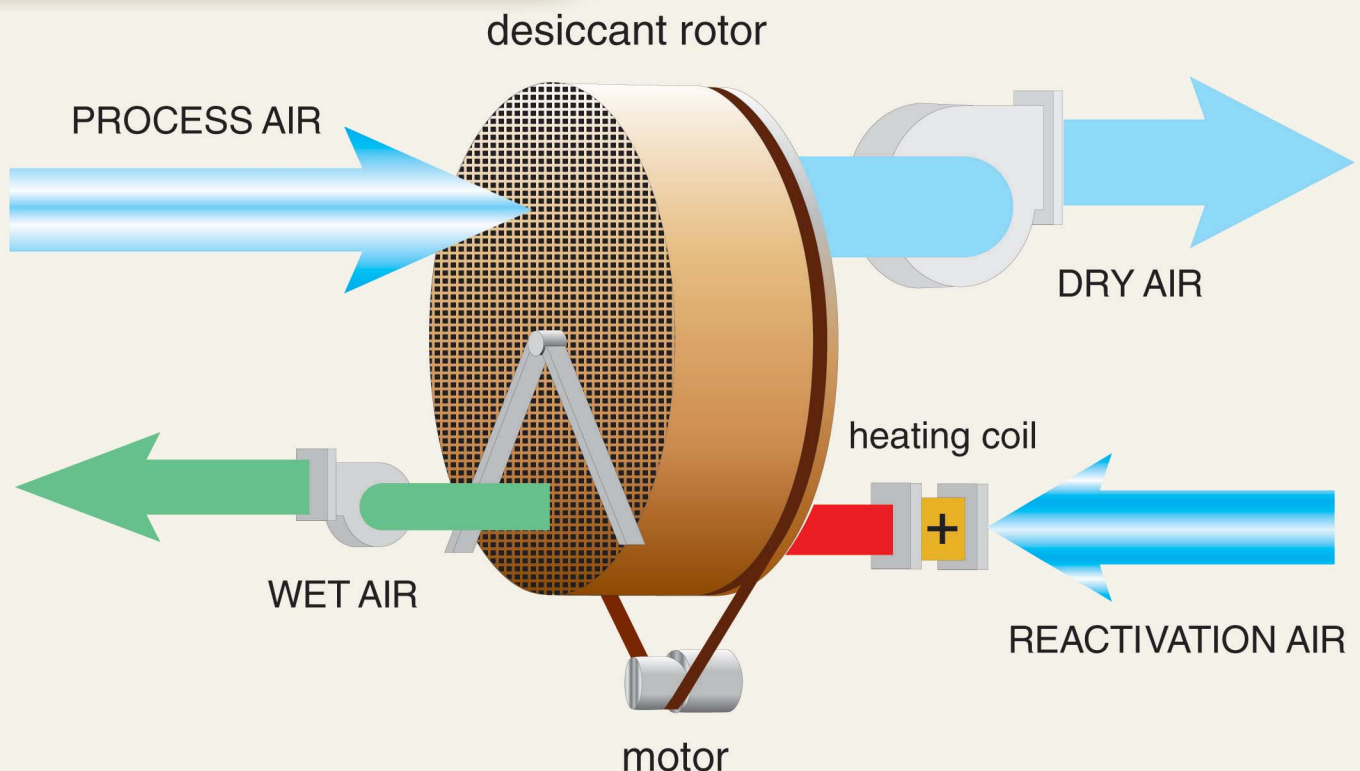
# TECHNICAL DATA SHEET

## DESICCANT DEHUMIDIFIER MDC4000



Desiccant dehumidifier MDC4000 designed for general purposes – room air dehumidification and process drying. Especially suitable for low temperature and low humidity operation. Unit includes desiccant rotor, fans with EC driven motor, filters, reactivation heaters and controls. Panels are insulated with rock wool insulation. Casing – stainless steel.

### METHOD OF OPERATION



# TECHNICAL DATA SHEET

## DESICCANT DEHUMIDIFIER

### MDC4000

#### DEHUMIDIFICATION CAPACITY

Approximate capacity in kg/h at different inlet process air relative humidity (%) and temperature (°C)

|      | 50%  | 60%  | 70%  | 80%  | 90%  |
|------|------|------|------|------|------|
| 5°C  | 9,0  | 10,8 | 12,1 | 13,2 | 14,2 |
| 10°C | 12,1 | 13,7 | 14,9 | 16,0 | 16,8 |
| 20°C | 17,1 | 18,4 | 19,2 | 19,9 | 20,4 |
| 30°C | 20,4 | 21,3 | 21,9 | 22,4 | 23,3 |

#### TECHNICAL DATA

##### Process air

Rated airflow (m<sup>3</sup>/h) 4000  
Available static pressure (Pa) 260

##### Reactivation air

Rated airflow (m<sup>3</sup>/h) 1000  
Available static pressure (Pa) 270

##### Power supply

(3 x 400 V, 50 Hz) 27,0 kW

##### Miscellaneous data

Weight 360 kg  
Operating temperature (°C) -30/+40  
Max noise level unducted (dBA) 70  
Air filter G3  
IEC protective class IP44

#### DIMENSIONS

