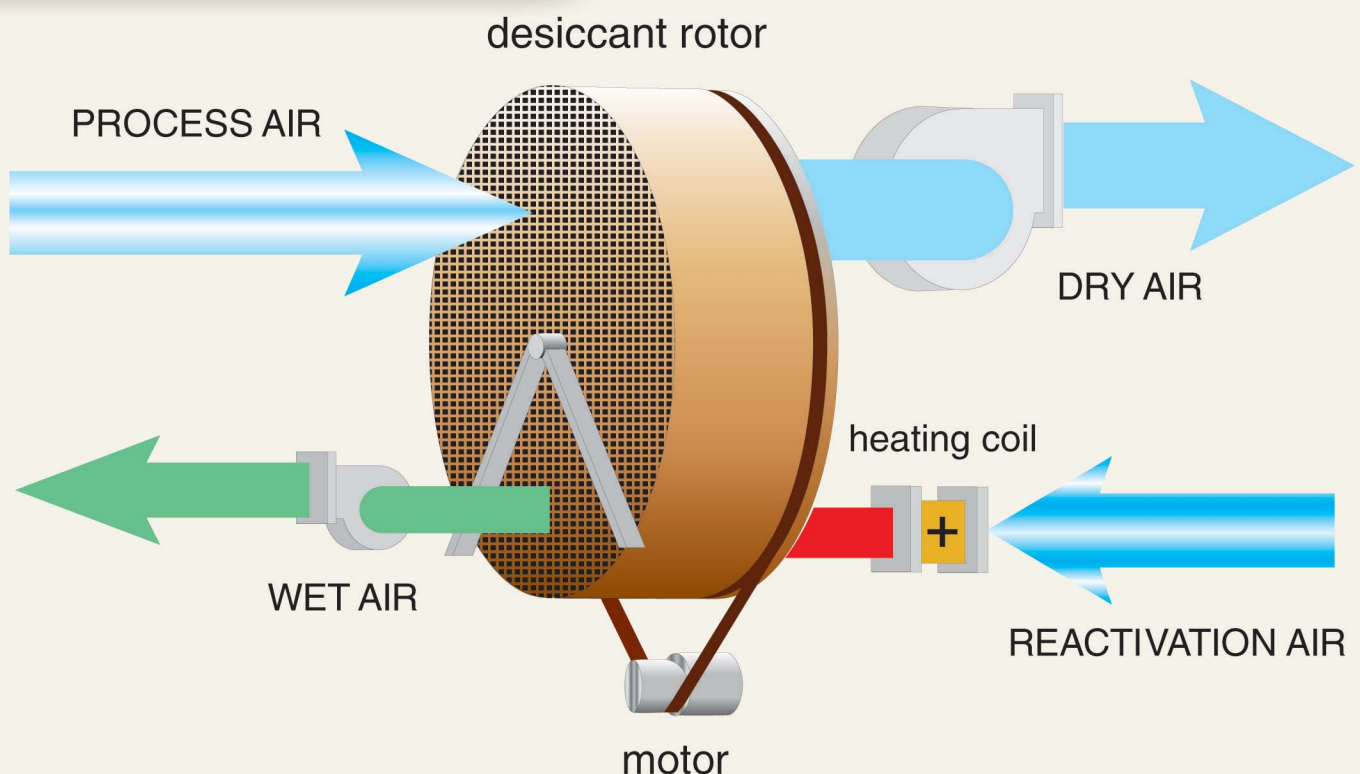


DESICCANT DEHUMIDIFIER MDC6000



Desiccant dehumidifier MDC6000 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. Casings are made of Aluzink, coated by powder painting.

METHOD OF OPERATION



TECHNICAL DATA SHEET

DESICCANT DEHUMIDIFIER

MDC6000

DEHUMIDIFICATION CAPACITY

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

| | 50% | 60% | 70% | 80% | 90% |
|------|------|------|------|------|------|
| 5°C | 17,6 | 20,2 | 23,2 | 25,7 | 28,2 |
| 10°C | 23,2 | 26,9 | 29,7 | 32,8 | 35,4 |
| 20°C | 35,3 | 39,4 | 42,3 | 44,6 | 46,4 |
| 30°C | 43,2 | 45,7 | 47,0 | 48,0 | 48,2 |

TECHNICAL DATA

Process air

Rated airflow (m³/h) 6000
Available static pressure (Pa) 400

Reactivation air

Rated airflow (m³/h) 1700
Available static pressure (Pa) 320

Power supply

(3 x 400 V, 50 Hz) 54,2 kW

Miscellaneous data

Weight 950 kg
Operating temperature (°C) -30/+40
Max noise level unducted (dBA) 70
Air filter G4
IEC protective class IP44

DIMENSIONS

