

How Does dessicant humidifier works?

the unit takes in the air and process through a honeycomb dessicant rotor. The rotor is made of silica gel that has enormous capacity to absorb water molecules. The humid process air pass through the designed rotor face area and moisture is absorb. Depending on the dessicant dehumidifier model, absorbtion water molecules can be designed to maintain the required humidity in the designed area.

The biggest advantage of the dessicant dehumidifier is that the installation is without a connection to drainage system.



Desiccant Dehumidifier MDC250

Rated airflow – 290 m³/h
Dehumidification – 1.1 kg/h
Power supply – 1.4 kW
Dimensions – 335x360x435 mm



Desiccant Dehumidifier MDC300

Rated airflow – 300 m³/h
Dehumidification – 1.4 kg/h
Power supply – 1,4 kW
Dimensions – 455x445x371 mm



Desiccant Dehumidifier MDC450

Rated airflow – 450 m³/h
Dehumidification – 2.2 kg/h
Power supply – 3 kW
Dimensions – 600x420x510 mm



Desiccant Dehumidifier MDC800

Rated airflow – 800 m³/h
Dehumidification – 4.4 kg/h
Power supply – 7 kW
Dimensions – 1055x600x685mm



Industrial Dehumidifier MDC1000

Rated airflow – 1000m³/h
Dehumidification – 7.6 kg/h
Power supply – 13 kW
Dimensions – 1120x805x950mm



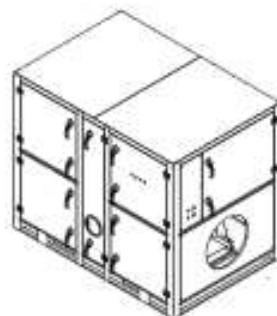
Desiccant dehumidifier MDC2000

Process airflow – 2000 m³/h
Dehumidification capacity (20°C/60%
RH) – 12.2 kg/h
Power supply (3×400 V, 50 Hz) – 16,5
kW
Weight – 165 kg



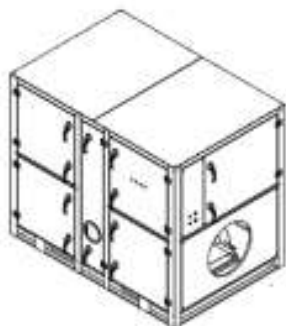
Desiccant dehumidifier MDC3000

Process airflow – 3000 m³/h
Dehumidification capacity (20°C/60% RH) – 16.2 kg/h
Power supply (3×400 V, 50 Hz) – 25,5 kW
Weight – 285 kg



Desiccant dehumidifier MDC4000

Process airflow – 4000 m³/h
Dehumidification capacity (20°C/60% RH) – 22 kg/h
Power supply (3×400 V, 50 Hz) – 35 kW
Weight – 540 kg



Desiccant dehumidifier MDC5000

Process airflow – 5000 m³/h
Dehumidification capacity (20°C/60% RH) – 30 kg/h
Power supply (3×400 V, 50 Hz) – 42,5 kW
Weight – 560 kg



Desiccant dehumidifier MDC6000

Process airflow – 6000 m³/h
Dehumidification capacity (20°C/60% RH) – 39,4 kg/h
Power supply (3×400 V, 50 Hz) – 56 kW
Weight – 860 kg



Desiccant dehumidifier MDC8000

Dehumidification capacity (20°C/60% RH) – 54 kg/h
Power supply (3×400 V, 50 Hz) – 83 kW
Weight – 1000 kg



Desiccant dehumidifier MDC18000

Dehumidification capacity (20°C/60% RH) – 102,6 kg/h
Power supply (3×400 V, 50 Hz) – 165 kW
Weight – 1800 kg

Customized



Commercial Desiccant dehumidifier MDC7500

Process airflow – 7600 m³/h
Dehumidification capacity (20°C/60% RH) –
34 kg/h
Power supply (3×400 V, 50 Hz) – 44 kW
Weight – 850 kg