

TYPE CR1500 - CR2500

Description

CR desiccant dehumidifiers, with nominal air flows 1500, 2000 and 2500 m³/h, are designed for general purposes, e.g. room air dehumidification and process drying.

Features

- Cabinet in galvanized steel, painted RAL7047
- High capacity at normal temperatures and %RH
- Particularly good capacity at lower temperatures and low %RH
- Deep drying at nominal or reduced air flow
- Filter cassettes can be replaced without dismantling the connected ducts
- Pressure available for external dry air and reg.air ducts
- Built-in fans for reduced sound level
- Complete dehumidifiers, ready for connection to ductwork and power supply on site
- Stepless control of the electric heater (controller / SSR relays)
- High performance desiccant rotor of silica gel, washable
- Separated air flows for process air and for reg.air, two fans, efficient gaskets
- Easy access for internal cleaning and for service

Applications

This range of dehumidifiers has a variety of applications, among others:

- Dry air storage in general: Humidity control in unheated storage buildings
- Internal corrosion protection of machinery parts, bridges etc. with dry air
- Cold stores and freezers: Reduction of ice on evaporators, at doors, on ceilings and on goods
- Protection of electronics and electrical installations
- Process and production rooms with low %RH in the pharmaceutical and food industries
- Water work buildings (including open top filters)
- Ice rinks

The company policy of making quality products has resulted in dehumidifiers characterized by high reliability, low maintenance costs, maintainability and high capacity. Furthermore, these adsorption dehumidifiers are characterized by high capacity at low temperatures and additional room heating is normally not necessary.

Controls

All HBC humidity controls, DR10, DA20, DH24, DCC, can be used for the CR dehumidifiers. The choice depends on the degree of accuracy needed and external user information.



MBT Challenger



Gentofte Curlinghal



De Foreneede Dampvaskerier A/S

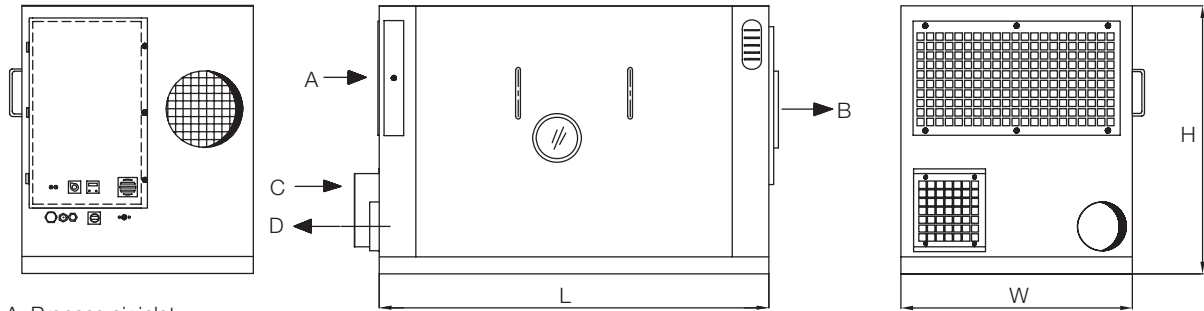


Pharmaceutical industry



Lupo bridge, Shanghai

Dimensions & weight



- A: Process air inlet
- B: Dry air outlet
- C: Reg. air inlet
- D: Reg. air outlet

Type	L, mm	W, mm	H, mm	Dry air B, mm	Reg. air C, mm	Weight, Kg
CR1500	1600	790	1080	250	250	270
CR2000	1600	790	1080	250	250	280
CR2500	1600	950	1100	315	250	330

Technical data

Type	Dry air nominal m³/h	Reg. air nominal m³/h	Voltage / Phases	Connected load kW	External fuses A	External pressure, dry air. Pa	Capacity at 20°C, 60%RF kg/h
CR1500	1500	490	400 / 3PH+PE	19,2	35	600	10,6
CR2000	2000	650	400 / 3PH+PE	24,8	50	350	14,2
CR2500	2500	750	400 / 3PH+PE	30,5	50	400	17,7

All data are valid for nominal air flow.

Deeper drying can be achieved with reduced process air flow.

Higher capacity, kg/h, can be achieved by increased process air flow.



Manufacturer

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Dehumidifiers & controls

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Sales

