



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

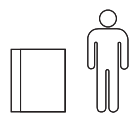
This range of dehumidifiers has a variety of applications, among others:

- 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 Cotes 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.



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It's in the air ...

... quality does indeed
make a difference!



References

Power stations
Cargo on ships
Water works
Food and candy industry
Pharmaceutical industry

Technical data

All data are valid for nominal air flows.

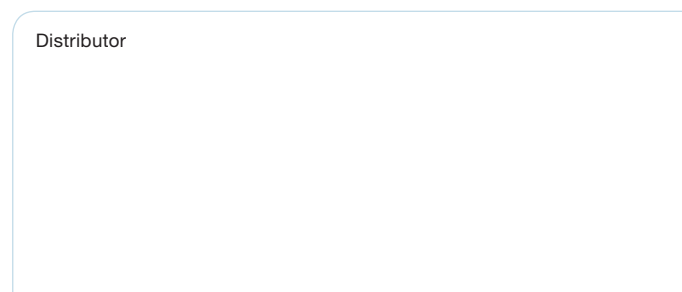
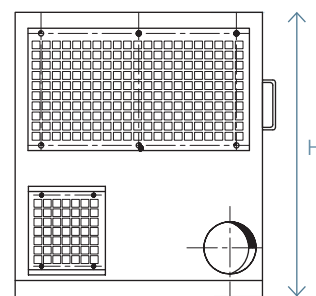
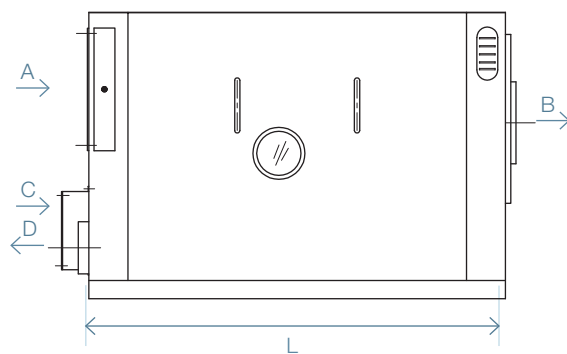
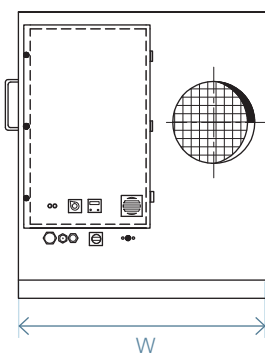
Deeper drying can be achieved with reduced process air flow.

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

Type	Dry air nominal m ³ /h	Reg. air Nominal m ³ /h	Voltage/ Phases	Connected load kW	Reg. air Heater kW	External Fuses A	External pressure Process air Pa	External pressure Reg. air Pa	Capacity at 20°C, 60 %RH Kg/h
CR1500	1500	520	400/3Ph+PE	19,2	16,6	35	600	300	10,8
CR2000	2000	720	400/3Ph+PE	24,8	22,2	50	450	250	13,7
CR2500	2500	850	400/3Ph+PE	30,5	26,4	50	600	250	17,1

Dimensions & weight

Type	L mm	W mm	H mm	Process air inlet A mm	Dry air outlet B mm	Reg. air inlet C mm	Reg. air outlet D mm	Weight kg
CR1500	1755	790	1020	370 x 600	Ø250	Ø250	Ø200	320
CR2000	1755	790	1020	370 x 600	Ø250	Ø250	Ø200	320
CR2500	1745	950	1100	850 x 470	Ø315	Ø250	Ø200	340



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