



TYPE CR120B - CR400B

Description

The CR-B desiccant dehumidifiers consist of 5 small dehumidifiers designed for temporary tasks such as drying-out buildings, but can be used in stationary installations, too.

The operating principle is adsorption and the rotor is silica gel as standard.

Features

- Cabinet manufactured in stainless steel
- Low weight and small dimensions compared to capacity
- Handles for easy carrying and piling
- High capacity, at low temperatures as well
- Deep drying at reduced process air flow
- Pressure available for external connected ductwork
- Power supply: 230V, 1N+PE
- Hygrostat connection with built-on connector
- Easy access for internal cleaning and for service
- High performance desiccant rotor of silica gel, washable

Applications

This range of dehumidifiers is designed for drying-out buildings, new buildings as well as water-damaged buildings. Furthermore, they are used for room air dehumidification, dry air storage, water works and pump stations.

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-B dehumidifiers. The choice depends on the degree of accuracy needed and external user information.



MBT Challenger



Gentofte Curlinghal



De Forenede Dampvaskerier A/S

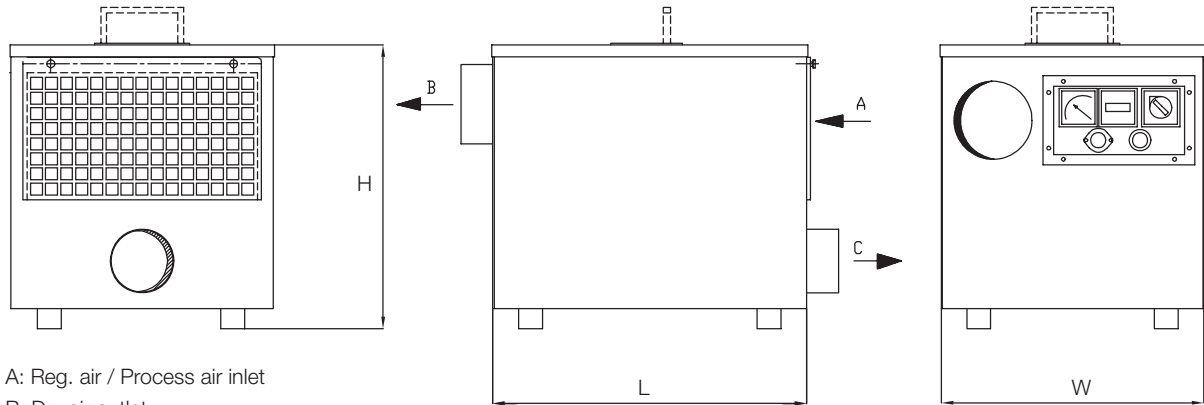


Pharmaceutical industry



Lupo bridge, Shanghai

Dimensions & weight



A: Reg. air / Process air inlet

B: Dry air outlet

C: Reg. air outlet

Type	L, mm	W, mm	H, mm	Dry air DNB, mm	Reg.air DNC, mm	Weight, Kg
CR120B	325	312	305	100	80	12
CR240B	395	330	357	100	80	15
CR290B	395	330	357	100	80	17
CR300B	470	402	427	125	80	26
CR400B	470	402	427	125	80	27

Technical data

Type	Dry air nominal m ³ /h	Reg. air nominal m ³ /h	Voltage / Phases	Connected load kW	External fuses A	External pressure, dry air. Pa	Capacity at 20°C, 60%RF kg/h
CR120B	120	35	230 / 1N+PE	0,75	10	50	0,45
CR240B	240	40	230 / 1N+PE	1,00	10	50	0,80
CR290B	290	65	230 / 1N+PE	1,68	10	50	1,10
CR300B	300	65	230 / 1N+PE	1,51	10	50	1,10
CR400B	400	95	230 / 1N+PE	2,00	10	50	1,40

All data concerning CR-B are also valid for CR-BT.

Deeper drying and higher external pressure are obtained by reduced process air flow (e.g. by use of a damper or another resistance in the dry air outlet or the dry air duct).



Manufacturer

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