

HUMIDITY
SOLUTIONS
Independently better

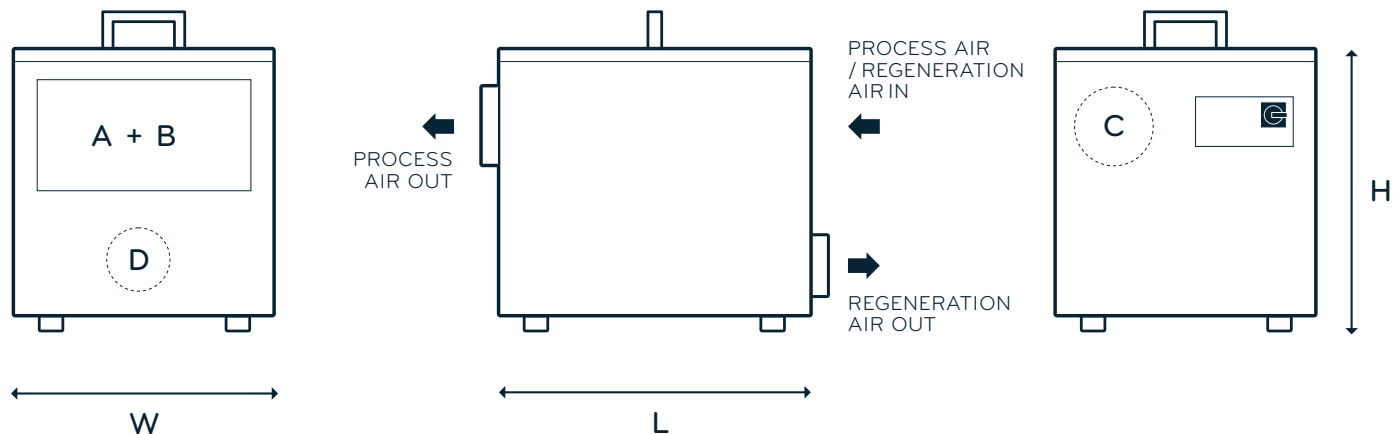
COTES

**COTES MOBILE
CR120B-CR400B**



EXPERTS IN HUMIDITY MANAGEMENT

TECHNICAL DATA



TECHNICAL DATA		CR120B	CR240B	CR290B	CR300B	CR400B
Dry air nominal	m ³ /hour	120	240	290	300	400
Regeneration air nominal	m ³ /hour	35	40	65	65	90
Voltage /phases	V	230/1n+PE	230/1n+PE	230/1n+PE	230/1n+PE	230/1n+PE
Connected load	kW	0.78	1.05	1.63	1.5	1.97
Regeneration air heater	kW	0.73	0.94	1.38	1.38	1.84
External fuses		10	10	10	10	10
External pressure process air	Pa	60	50	30	80	50
External pressure regeneration air	Pa	50	50	50	50	50
Capacity at 20°C 60% RH	kg/hour	0.45	0.8	1.1	1.1	1.4

DIMENSIONS AND WEIGHT		CR120B	CR240B	CR290B	CR300B	CR400B
W Width	mm	320	335	335	410	410
L Length	mm	325	400	400	470	470
H Height	mm	295	335	335	405	405
A+B Air inlet	mm	240x205	160x290	160x290	210x350	210x350
A+B Air inlet (duct)	mm	Ø125/Ø80*	Ø125/Ø80*	Ø125/Ø80*	Ø100/Ø160*	Ø100/Ø160*
C Process air outlet	mm	Ø100	Ø100	Ø100	Ø125	Ø125
D Regeneration air outlet	mm	Ø50	Ø80	Ø80	Ø80	Ø80
Weight	kg	12	18	19	28	28

* Optional

SMALL, LIGHT, ROBUST

Small, light, robust

The Cotes Mobile range of adsorption dehumidifiers consists of five small, lightweight, energy-efficient models specially designed to help users tackle smaller-scale, temporary requirements involving air drying capacities of between 120 m³/hour and 400 m³/hour.

Cotes Mobile dehumidifiers use a single ventilator for both process air and regeneration air, making them extremely compact.

These units are also specially designed to be robust, and to withstand the knocks and rough treatment often associated with lifting, moving and stacking transportable dehumidifiers. They often also match small-scale humidity management requirements in stationary and permanent installations.

What makes Cotes Mobile units stand out

In addition to their small size and light weight, Cotes Mobile adsorption dehumidifiers are remarkable for:

- Robustness and ease of transport
- Exceptional reliability
- Energy efficiency and low running costs
- Easy, low-cost cleaning and maintenance
- Effectiveness and high dehumidification capacity at low temperatures.

Where to use them

This range of compact, lightweight dehumidifiers is ideal for the controlled drying-out of buildings and structures under construction as well as bringing moisture levels under control after flooding and in water-damaged buildings.

They are also ideal for bringing humidity under control in individual rooms, in smaller-scale dry storage facilities and in waterworks and pumping stations.

Controls

Cotes Mobile dehumidifiers can be connected to all Cotes sensors and humidity control systems.

The choice depends on the specifics of the customer's dehumidification requirements, and the degree of operating accuracy needed.

Ideal for use in

- Aircraft, vehicles and boats
- Equipment rental services
- Building, construction and renovation
- Recovery and repair after flooding and water damage
- Waterworks and pumping stations
- Small-scale dry storage
- Ad hoc/quick-fix dehumidification requirements

Features

- Low weight and small size compared to dehumidification capacity
- Handles for easy carrying, lifting and stacking
- Robust design that withstands moving around and tough treatment
- Easily stackable – sixteen Cotes Mobile units on a single Euro pallet
- Fit easily into delivery vehicles/tradesmen's vans for site-to-site transport
- Single ventilator for both process air and regeneration air
- Energy efficient, cheap to run
- High-performance, washable rotor coated with silica gel
- Works effectively at low temperatures, if needed
- Cabinet made of stainless steel for good hygiene
- Easy to clean the insides, easy access for service

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