

HUMIDITY
SOLUTIONS
Independently better

COTES

EXPERTS IN HUMIDITY MANAGEMENT

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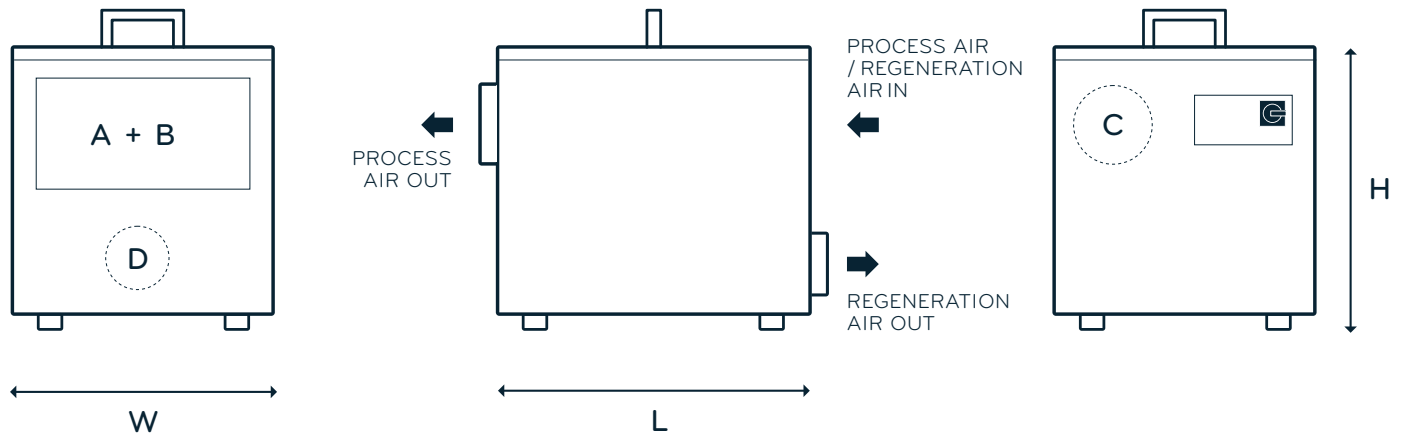
COTES Mobile

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.



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

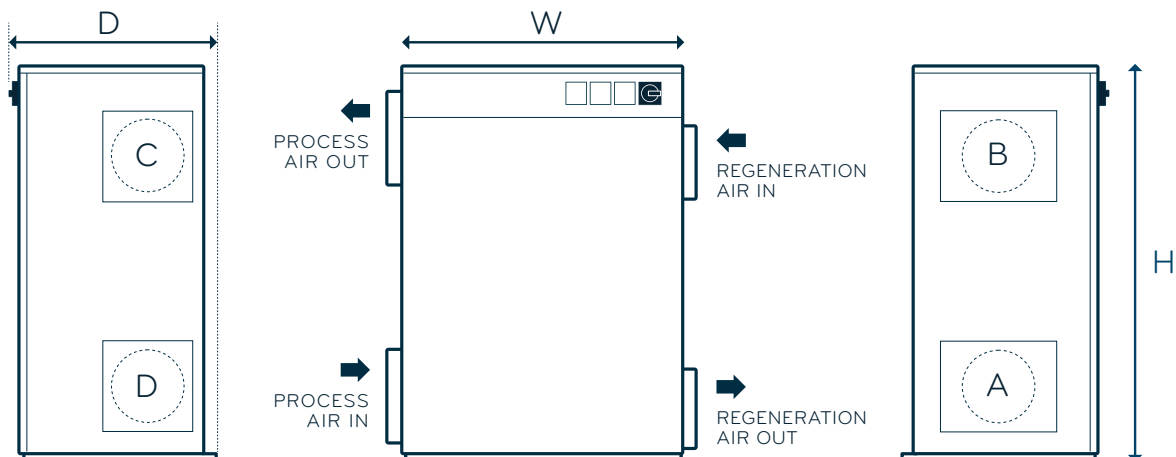
* Optional

THE C30 RANGE

**COMPACT, VERSATILE
AND ENERGY EFFICIENT**

THE C30 RANGE			C30E		
			0.9	1.2	1.9
TECHNICAL DATA					
DRY AIR NOMINAL	m ³ /hour		300	300	300
REGENERATION AIR NOMINAL	m ³ /hour		50	65	85
SUPPLY VOLTAGE*	V/Ph		1x230VAC 50/60Hz + PE	1x230VAC 50/60Hz + PE	3x400VAC 50/60Hz+N+PE
CONNECTED LOAD	kW		1.4	1.8	2.9
EXTERNAL FUSES	A		10	10	16
EXTERNAL PRESSURE PROCESS AIR	Pa		200	200	200
EXTERNAL PRESSURE REGENERATION AIR	Pa		140	180	150
CAPACITY AT 20°C, 60%RH	kg/hour		0.9	1.2	1.9
SOUND LEVEL (sound pressure)	dB(A)		52	54	54
DIMENSIONS AND WEIGHT					
D DEPTH	mm		398	398	398
W WIDTH	mm		554	554	554
H HEIGHT	mm		771	771	771
A PROCESS AIR INLET	mm		200x200	200x200	200x200
B PROCESS AIR OUTLET	mm		200x200	200x200	200x200
A&B PROCESS AIR DUCT (with ILU adapter)	mm		Ø200	Ø200	Ø200
C REGENERATION AIR INLET	mm		Ø100	Ø100	Ø100
D REGENERATION AIR OUTLET	mm		Ø100	Ø100	Ø100
WEIGHT	kg		52	53	53

* Other supply voltages are available on request
Subject to change without notice



COTES PRODUCT RANGE

COTES ALL ROUND / CR

ALL ROUND
HUMIDITY
MANAGEMENT

IDEAL FOR

- > All-round dehumidification
- > Warehouses
- > Ice rinks
- > Small-scale process industry

COTES FLEXIBLE / CRP/CRT

EASY TO
CUSTOMISE

IDEAL FOR

- > Providing dry air for process industry
- > Meeting exact specifications for humidity and temperature
- > Where exceptionally dry air is required
- > Deep drying with high ΔX

COTES MOBILE / CRB

SMALL AND EASY
TO HANDLE

IDEAL FOR

- > Temporary, ad hoc dehumidification tasks
- > Drying out buildings and structures
- > Keeping store rooms dry
- > Preventing condensation in waterworks
- > Drying out buildings damaged by flooding

COTES WIND / CRBW

COMPACT
AND EASY TO
TRANSPORT

IDEAL FOR

- > Use in both onshore and offshore wind turbines
- > Mounting in towers and nacelles
- > For use during transport, storage and operation
- > Mounting in small spaces
- > Deep drying with high ΔX

COTES CLOSED CIRCUIT / CRLK

FOR SPECIAL
CONDITIONS

IDEAL FOR

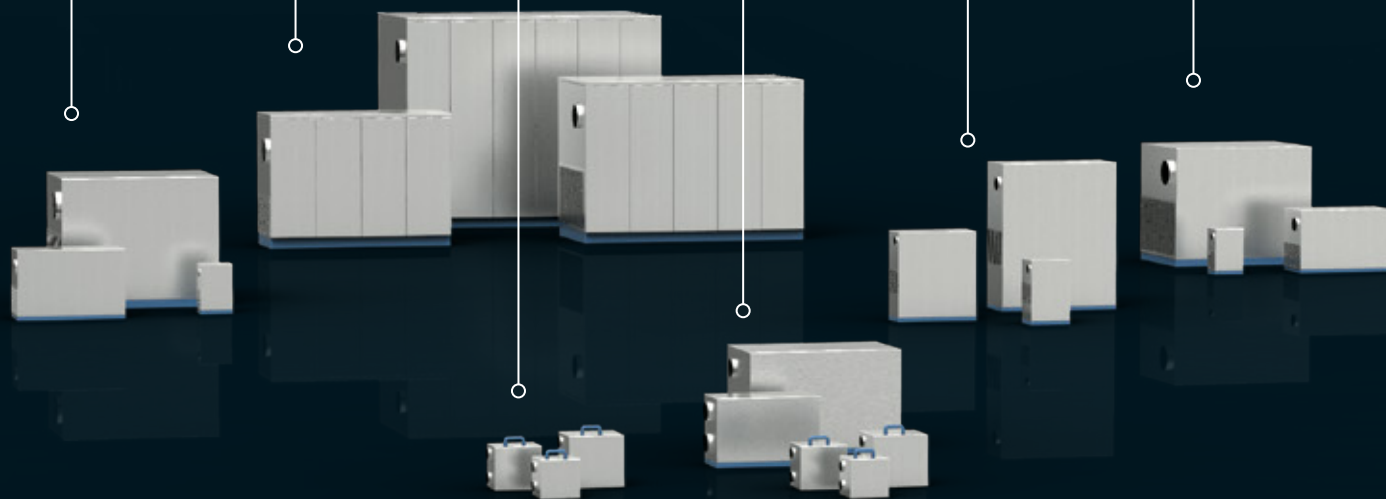
- > Installations where it is not possible to use ducts for regeneration air
- > Basements
- > Closed systems

COTES COOL AIR / CRTI

FOR PARTICULARLY
COLD CONDITIONS

IDEAL FOR

- > Cold stores
- > Freezer installations



Cotes dehumidifiers are available with a wide range of control units and sensors that make it easy to regulate both humidity and dew point in any installation.

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