

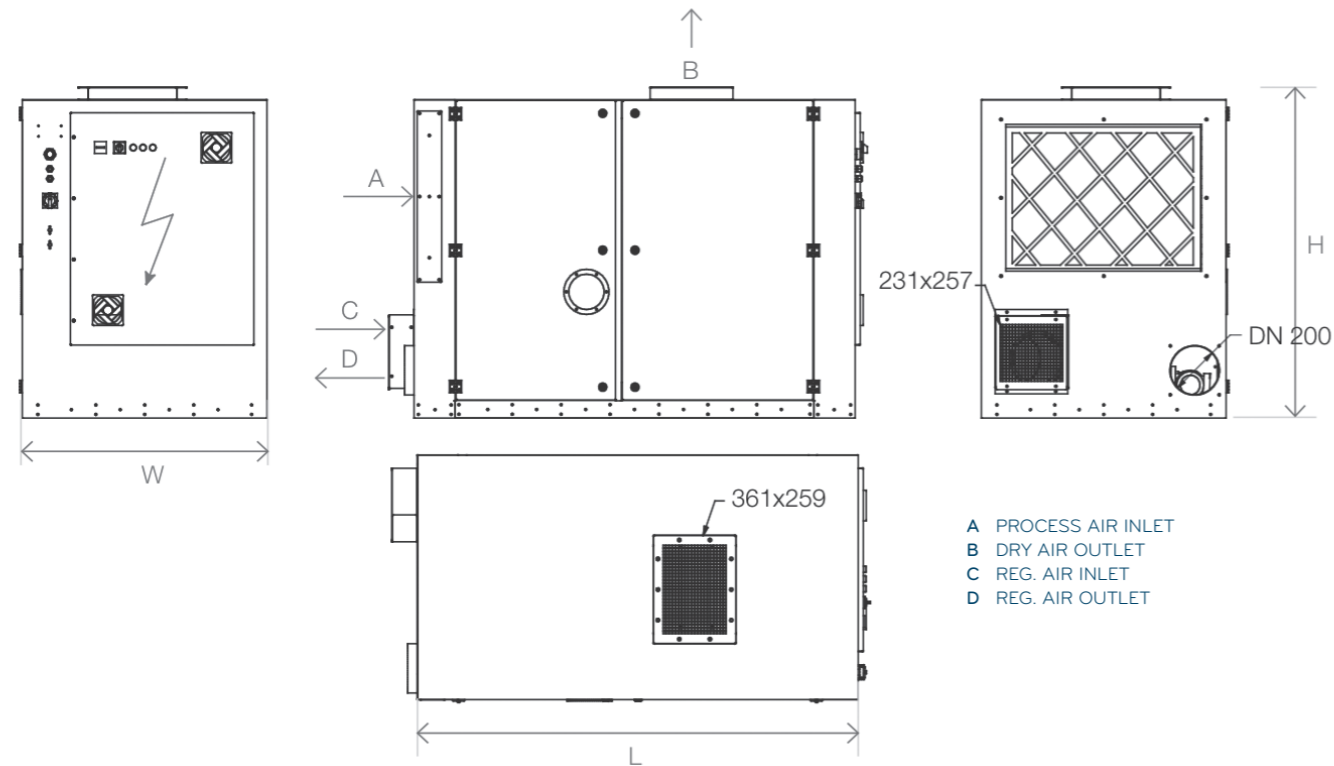
# COTES DEHUMIDIFIERS CR2400T-CR5000T



# COTES DEHUMIDIFIERS CR2400T-CR5000T

**IDEAL FOR**

- Dry air storage
- Breweries
- Water works
- Low temperature applications (+3C -+5C)
- Curling arena



- A PROCESS AIR INLET
- B DRY AIR OUTLET
- C REG. AIR INLET
- D REG. AIR OUTLET

TECHNICAL DATA									
TYPE	DRY AIR NOMINAL	REG. AIR NOMINAL	VOLTAGE/ PHASES	CONNECTED LOAD	REG. AIR HEATER	EXTERNAL FUSES	EXTERNAL PRESSURE PROCESS AIR	EXTERNAL PRESSURE REG. AIR	CAPACITY AT 20°C, 60% RH
	m <sup>3</sup> /h	m <sup>3</sup> /h	V	kW	kW	A	Pa	Pa	Kg/h
CR2400T	2400	520	400/3PH+PE	19,9	16,6	35	400	400	12,5
CR3200T	3200	720	400/3PH+PE	25,5	22,2	50	400	400	16,5
CR3800T	3800	850	400/3PH+PE	31,8	27,7	63	600	350	19,5
CR5000T	5000	1050	400/3PH+PE	37,8	33,3	63	500	600	24,6

DIMENSIONS & WEIGHT								
TYPE	L	W	H	PROCESS AIR INLET	DRY AIR OUTLET	REG. AIR INLET	REG. AIR OUTLET	WEIGHT
	mm	mm	mm	A mm	B mm	C mm	D mm	kg
CR2400T	1927	1000	1352	800 x 600	256 x 361	Ø 250	Ø 200	460
CR3200T	1927	1000	1352	800 x 600	256 x 361	Ø 250	Ø 200	460
CR3800T	1927	1000	1352	800 x 600	256 x 361	Ø 250	Ø 200	495
CR5000T	1927	1000	1352	800 x 600	256 x 361	Ø 250	Ø 200	495

**Description**

Desiccant dehumidifiers in the CR-T range consists of four models, designed for room air dehumidification. The chosen proportion between rotor dimension, air capacity and connected load, results in dehumidifiers with very high energy efficiency. This design has considerable advantages, particularly at low temperature and low %RH.

**Features**

- > Cabinet manufactured in galvanized steel, painted RAL7047
- > High capacity, kg/h, at normal temperature and %RH
- > Economic operation, in particular at low temperatures and low %RH
- > Filter cassettes can be replaced without removal of connected ducting
- > Pressure available for external dry air and regeneration air ducts
- > Built-in fans for reduced sound level
- > Complete dehumidifier, ready for connection to ductwork and power supply at site
- > Stepless control of electric heater (controller/SSR relays)
- > High performance desiccant rotor of silica gel, washable
- > Separate process- and regeneration air flow, 2 fans, efficient gaskets
- > Easy access for internal maintenance and 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
  - > Protection of electronics and electrical installations
  - > Production and storage rooms with low %RH in the pharmaceutical and the food industries
  - > Water works (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.

## CLOSE TO YOU

We have a worldwide network of Cotes experts ready to provide you with solutions to virtually any humidity management requirement.



Avenida da Conduta, 836  
4420-619 GONDOMAR  
PORTUGAL  
Tel: (+351) 22 372 03 92 Fax: (+351) 22 379 09 08  
info@climaconforto.pt www.climaconforto.pt

YOUR LOCAL COTES REPRESENTATIVE

TALK TO US ABOUT WHAT'S POSSIBLE

COTES A/S

DENMARK

+45 5819 6322

SALES@COTES.COM

COTES.COM