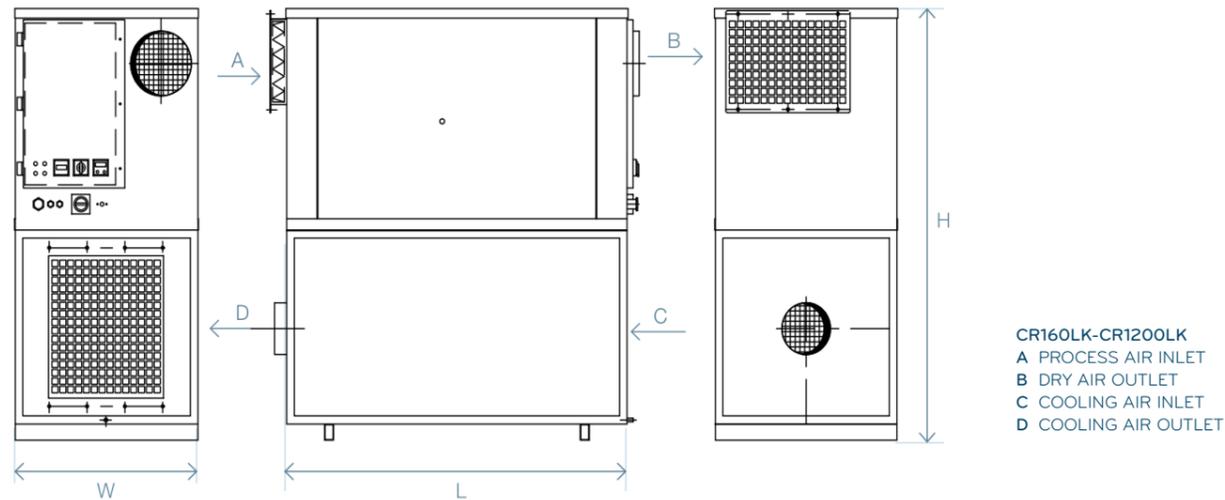
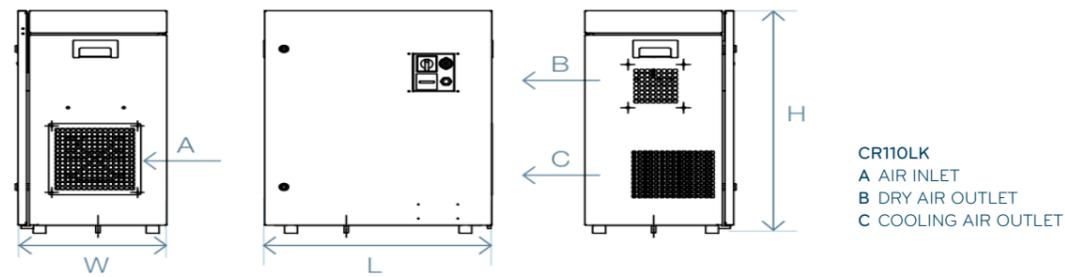


# COTES DEHUMIDIFIERS CR110LK-CR2000LK



## TECHNICAL DATA



# COTES DEHUMIDIFIERS CR110LK-CR2000LK

### IDEAL FOR

- > Water Works
- > Pump stations
- > Water power plants
- > Dry air storage

TECHNICAL DATA								
TYPE	DRY AIR NOMINAL m³/h	REG. AIR NOMINAL m³/h	VOLTAGE/ PHASES	CONNECTED LOAD KW	REG AIR HEATER KW	EXTERNAL FUSES A	EXT. PRESSURE PROCESS AIR Pa	CAPACITY AT 20°C, 60 %RH Kg/h
CR110LK	110	38	230/1N+PE	1,2	0,96	10	120	0,57
CR160LK	160	55	230/1N+PE	1,8	1,5	10	190	0,9
CR300LK	300	95	400/3PH+N+PE	3,5	3,0	10	220	1,9
CR1200LK	1200	350	400/3PH+PE	13,8	11,1	20	700	7,3
CR2000LK	2000	720	400/3PH+PE	25,9	22,2	50	350	14,2

DIMENSIONS & WEIGHT								
TYPE	L mm	W mm	H mm	PROCESS AIR INLET A mm	DRY AIR OUTLET B mm	COOLING AIR INLET C mm	COOLING AIR OUTLET D mm	WEIGHT kg
CR110LK	530	347	670	185 x 185	101 x 101			35
CR160LK	652	441	906	246 x 264	Ø100	246 x 264	105 X 237	70
CR300LK	872	400	955	246 x 264	Ø125	246 x 264	90 X 95	85
CR1200LK	1445	750	1760	370 x 600	Ø200	830 x 450	319X281	350
CR2000LK	2950	790	1370	295 x 570	Ø250	500 X 795	Ø625	380

### Description

Desiccant dehumidifiers in the CR-LK range are designed for stationary installations like dehumidification of dry air storage, water work buildings and pump stations – particularly intended for rooms where it is not possible to install normal reg.air ducts. CR-LK is a “condensation dehumidifier” with the properties of an adsorption dehumidifier.

### Features

- > Cabinet manufactured in stainless steel
- > Closed reg.air flow circuit, air/air heat exchanger, air cooling
- > Functions as a condensation dehumidifier, but with the properties of an adsorption dehumidifier
- > High capacity at normal operation conditions, temperature, %RH
- > Deep drying at nominal or reduced process air flow
- > All the energy supplied contributes as room heating
- > Simple installation, only a hose needed for outlet of condensed water
- > Pressure available for dry air distribution through connected ductwork
- > Hygostat connection

### Applications

This range of dehumidifiers is used when connection of reg.air ducts is difficult, mostly in buildings far below ground or in mountains, e.g. water works, pump stations, water power stations, and storage rooms with the given restrictions

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

TALK TO US ABOUT WHAT'S POSSIBLE

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