

TYPE
CR110LK
- CR900LK

It's in the air ...

... quality does indeed
make a difference!



References
Water Works
Pump stations
Water power plants
Dry air storage

TYPE CR110LK - CR900LK

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 “the condense 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 condense 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, storerooms situated like this.

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.

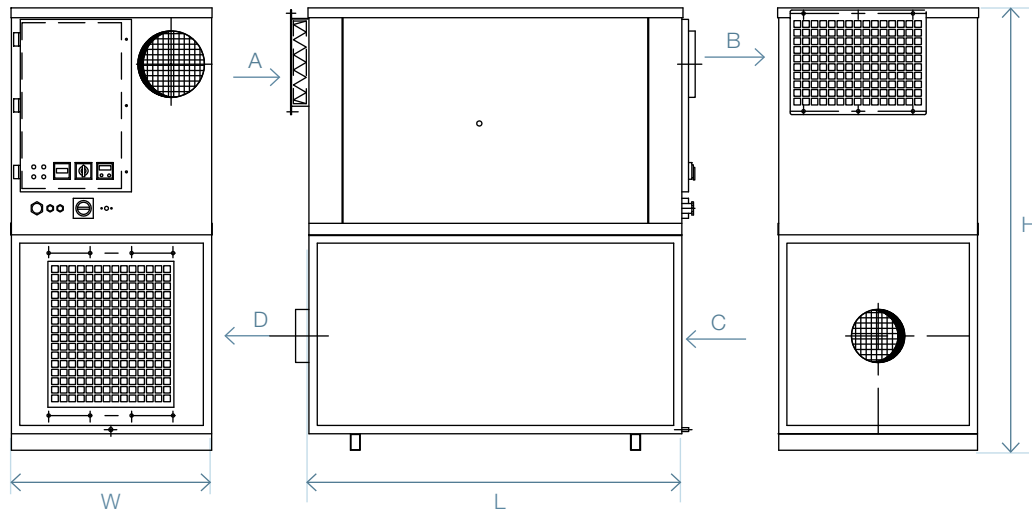
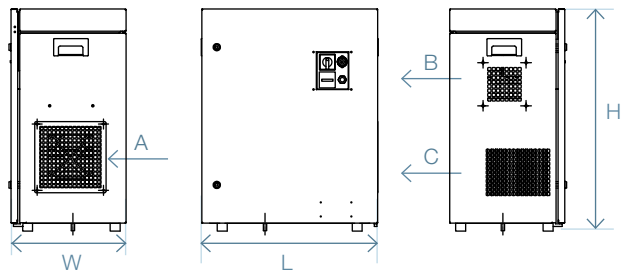
Technical data

Type	Dry air nominal m³/h	Reg. air Nominal m³/h	Voltage/ Phases	Connected load kW	Reg. air Heater kW	External Fuses A	External 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+PE	3,5	3,0	10	220	1,9
CR600LK	600	170	400/3Ph+PE	6,2	5,6	13	300	3,8
CR750LK	750	205	400/3Ph+PE	7,6	6,6	16	350	4,3
CR900LK	900	240	400/3Ph+PE	9,1	7,8	16	250	5,3

Dimensions & weight

CR110LK

- A: Air inlet
- B: Dry air outlet
- C: Cooling air outlet



CR160LK - CR900LK

- A: Process air inlet
- B: Dry air outlet
- C: Cooling air inlet
- D: Cooling air outlet

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
CR600LK	1125	600	1335	254 x 384	Ø200	Ø160	380 x 440	150
CR750LK	1125	600	1335	254 x 384	Ø200	Ø160	380 x 440	150
CR900LK	1320	600	1635	254 x 384	Ø200	380 x 740	110 x 110	268

Distributor