

CDP 40 – 50 – 70 NEW SWIMMING POOL DEHUMIDIFIERS

Exclusive design, energy saving, improved indoor air quality and comfort



Dantherm[®]
CONTROL YOUR CLIMATE

CDP 40-50-70 SWIMMING POOL DEHUMIDIFIERS

for indoor swimming pools, spa, sauna & fitness rooms

Aesthetic design, more energy-efficient, better functionality and longer lifetime

Dantherm has developed a new range of CDP dehumidifiers for the discerning owner of indoor pools, spa and saunas etc.

The new dehumidifiers are in an exclusive design that blends well with any interior.

In keeping with Dantherm tradition they are also developed with a focus to quality, functionality and energy saving. Highly efficient fans with low SFP value, high-efficiency compressors, combined with a new advanced remote control and monitoring options, contribute to cost-efficient operation and significant energy savings.

Why choose Dantherm Swimming Pool Dehumidifiers?

- Low sound level
- Danish design and made in Denmark.
- Energy-efficiency and long lifetime.
- Reliable products – only high-quality components are used.
- Now with new developed remote control.
- Full range of pool room versions and through-the-wall versions.
- Better air quality and swimmer comfort.
- Experts - Dantherm has more than 50 years of experience in the design and manufacture of air handling solutions



CDP(T) through-the-wall version



CDP pool room version – wall mounted or floor standing



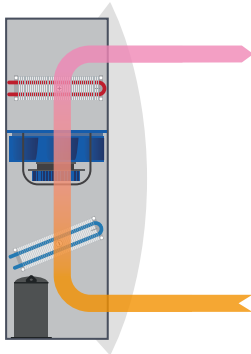
NEW REMOTE CONTROL AND MANY COMMUNICATION OPTIONS

Corrosion protection

Dantherm CDP swimming pool dehumidifiers are designed to endure the aggressive conditions in swimming pools. All metal parts and internal surfaces are powder coated before assembly and evaporator and condenser coils are made of epoxy-coated aluminium.

How it works

The CDP swimming pool dehumidifiers recirculate the humid pool air through an evaporator, remove the moisture and deliver dry, warm air back to the pool hall.



In this way the CDP swimming pool dehumidifier maintains a comfortable humidity, minimises condensation and keeps heating costs at the lowest possible level.

The CDP 40-50-70 dehumidifiers are equipped with RS 485 gate for BMS communication, USB gate for PC Tool and they are prepared for internet communication.

New remote control DRC1

A new developed remote control allows reading and setting of relative humidity and temperature, alarms and service information.



DRC1 remote control

The DRC1 remote control has an installer level where it is possible to set temperatures for heating coil and exhaust fan, and to mate the remote control with the CDP dehumidifier's PCB. If the dehumidifier is fitted with heating coils, the fan starts automatically when heating starts. To avoid unintended change of settings the remote control can be locked.

Key features of CDP pool dehumidifiers:

- Low sound level
- Low energy consumption
- Evaporator and condenser coils are epoxy coated
- Metal parts are powder coated before assembly
- Optional remote control
- Integrated control of heating and humidity (ON/OFF)
- RS 485 gate for BMS communication (Modbus)
- USB gate for PC Tool
- Built-in service valve on refrigerant circuit
- Direct connection of 230 V on external box (prepared for internet communication)

Accessories:

- Wireless remote control, DRC1
- Electric heating coils
- Water heating coils
- Exhaust fans
- Remote sensor RS1, wired
- Control valves
- Floor mounting kit
- Duct kits for CDP(T)
- Adaptors for CDP(T)

Model	CDP 40	CDP 40(T)	CDP 50	CDP 50(T)	CDP 70	CDP 70(T)
Air flow (m3/h)	400	400	680	680	900	900
Dehumidification capacity at 28°/60% RH	34	34	52	52	69	69
Power supply (V)	1x230/50Hz	1x230/50 Hz	1x230/50 Hz	1x230/50 Hz	1x230/50 Hz	1x230/50 Hz
Sound level (dB(A))	46	46	48	48	50	50
Operating range (%RH)	40-100	40-100	40-100	40-100	40-100	40-100
Operating range (°C)	10-36	10-36	10-36	10-36	10-36	10-36
Height (mm)	770	700	770	700	770	700
Width (mm)	1010	998	1160	1148	1495	1483
Depth (mm)	326	304	326	304	326	304
Weight (kg)	56	53	65	59	75	69

ELECTRONICS COOLING

DEHUMIDIFICATION

VENTILATION

MOBILE HEATING AND COOLING

Dantherm is a market-leading supplier of energy-efficient climate control solutions for customers across the globe. Our subsidiaries in Norway, Sweden, Germany, and the UK and our representative office in Russia unite approx. 240 employees. We operate in the following four main business areas:

Electronics cooling:

Climate control for electronics and battery cooling in radio base stations and other Telecom infrastructure. Telecom customers include network suppliers and network operators.

Dehumidification:

Mobile and stationary dehumidifiers for drying buildings and for use in private pools and wellness centres.

Ventilation:

Large ventilation systems used in swimming pools and buildings such as shopping centres and cinemas requiring frequent air change. The range also includes domestic ventilation products based on high-performance heat exchangers.

Mobile heating and cooling:

Products for heating or cooling of tents and equipment used by the armed forces and aid organisations. The customers are primarily the armed forces in NATO countries as well as tent and container manufacturers.

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