

MOBILE DEHUMIDIFICATION



Dantherm[®]
CONTROL YOUR CLIMATE

CDT MOBILE DEHUMIDIFICATION

Stay in perfect control of humidity and dampness anywhere

Dantherm mobile CDT dehumidifiers offer quick and easy control for both damage service companies and the building industry. The CDT units are renowned for their user-friendliness, superior digital control and light yet robust design.

Damage control in case of flooding, burst water pipes or as a side-effect from fire fighting requires fast and efficient dehumidification. This is why damage service companies all over the world prefer the Dantherm CDT range of mobile dehumidifiers for the job. They are fast and energy efficient. They offer precise digital settings, service information, easy fault-finding and exact specification of hour and energy consumption as well as readings of temperature and relative humidity. On top of this they are designed for optimal transport and handling.

Speed up the building process

Dantherm CDT units are also popular within the building industry, because of their user-friendly design and mobility. They offer an effective and carefully controlled means of drying out brick or concrete walls to save both time and money without forcing the process unduly. Furthermore the CDT units are designed to meet modern demands for low energy consumption.

CDT with condensate pump

The mobile CDT dehumidifier can be supplied with a condensate pump cassette which is fitted instead of the water container. It pumps the condensate water to a drain. Using this condensate pump will enable your dehumidifier to run maintenance free, you will no longer have to empty a heavy reservoir filled with water. The lifting height is max. 4 m. The condensate pump cassette is available as accessory.



CDT 30 S and CDT 40 S are fitted with a 1 kW heating element, a high pressure fan and two duct spigots, allowing connection of two flexible air ducts Ø100, each up to 5 m long.



Digital display with integrated humidity control, energy counter, service status and easy fault finding allows optimal dehumidification.



Special versions with air ducts

CDT 30 S and CDT 40 S are fitted with a 1 kW heating element, a high pressure fan and two duct spigots allowing connection of flexible air ducts. This is particularly suitable for drying out wet wooden floors.

High-performance and digital control

The CDT range offers capacities from 30 to 94 l/24 h and a maximum working temperature of 32° C, as well as superior control of settings and operations. The digital finger touch display puts you in quick and easy control of humidity and service status. Furthermore, hours and energy consumption can be read off the display.

Easy and safe transport

The CDT units have been carefully designed for easy handling and transport. Adjustable and fixed handles ensure

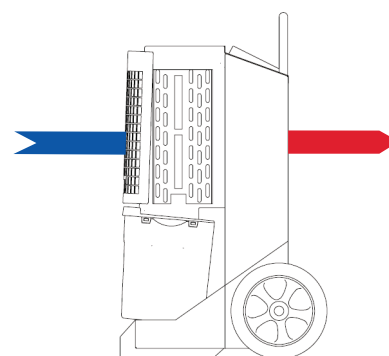
safe and convenient handling and operation. Big rubber wheels make the CDT's easy to move both up and down stairs and across seemingly impassable areas. The wheels are in line with the sides of the unit to make it as narrow as possible and to protect doors and panels from unnecessary knocks. During transport and storing the CDT units can be stacked requiring as little space as possible.

How the CDT works

All units in the Dantherm CDT range are condensation dehumidifiers. An integral fan draws humid air into the dehumidifier and passes it through an evaporator. When the warm humid air meets the cold surface of the evaporator it condenses into water which is led to the water container. In the process the dry air is heated and returned to the room. The repeated circulation of air through the unit reduces the relative humidity, giving very rapid but gentle drying.



Big rubber wheels ensure safe and easy manoeuvring.



Applications

- Damage service
- Building drying
- Water works
- Dry storing

	Dehumidification capacity at 30°C/80% RH	Air flow	Operating range humidity	Operating range temperature	Height with handle down	Height with handle up	Width	Depth	Weight	Water container
	l/24h	m ³ /h	%RH	°C	mm	mm	mm	mm	kg	l
CDT 30	31	250	40 - 100	3 - 32	736	1016	426	506	32	7
CDT 30 S	34	350*	40 - 100	3 - 32	736	1016	426	506	34	7
CDT 40	39	350	40 - 100	3 - 32	823	1190	542	539	43	14
CDT 40 S	42	560*	40 - 100	3 - 32	823	1190	542	539	46	14
CDT 60	62	725	40 - 100	3 - 32	903	1270	542	539	47	14
CDT 90	94	1000	40 - 100	3 - 32	977	977	650	593	62	-

*Measured without air ducts connected.

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, the UK, the US and China and our representative office in Russia unite approx. 600 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.

Dantherm Air Handling A/S

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