



CDT 90

CDT 90
MOBILE DEHUMIDIFIER

Function

The CDT 90 is a robust, cost-effective and energy-efficient, reliable mobile dehumidifier. It works in accordance with the condensation principle. A fan draws the humid air into the dehumidifier and through an evaporator coil. When passing through the evaporator the air is cooled down to below its dew point temperature, and its content of water vapour is condensed into water, which falls into the drip tray and then is led to the drain.

Applications

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

FEATURES

Dehumidifier

- High capacity
- Low energy consumption
- Strong and robust cabinet of powder coated hot galvanized steel
- Epoxy coated evaporator and condenser.
- Adjustable handle
- Plastic bumpers
- Low weight
- Large wheels

Water drain

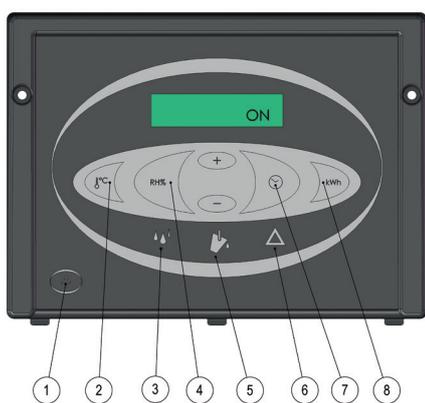
- Fitted with a drain outlet for connection to a 1/2" water hose

Electronic control

- Digital touchpad control panel with display
- Accurate hour and kWh counter (reading)
- RH and °C monitoring (reading)
- RH setting
- Easy fault-finding
- Service monitoring function

Defrosting

Active, demand-controlled defrosting which is activated through a temperature sensor on the evaporator. Defrosting is done by means of hot refrigerant being fed through the evaporator.



Digital touchpad control panel:

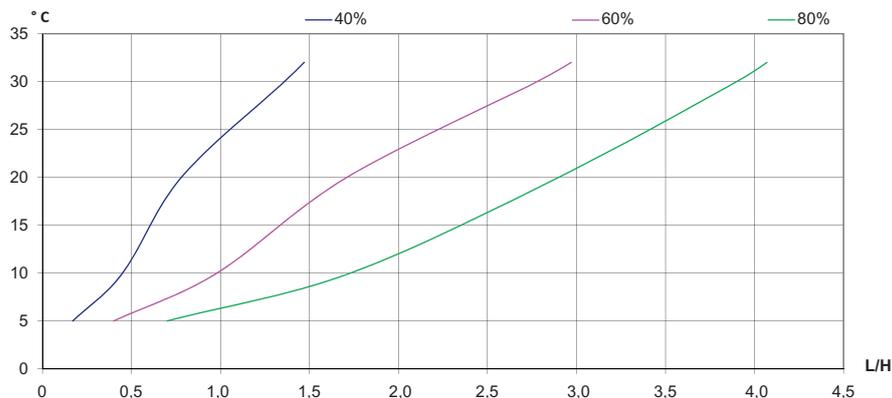
1. On-off switch
2. Reading of room temperature
3. Indicator for normal operation (green lamp)
4. Reading of RH value / setting of RH value
5. Indicator for full water container (yellow lamp)
6. Failure indicator (red lamp)
7. Hour counter / setting of service intervals
8. kWh counter



TECHNICAL DATA

Model	CDT 90
Operating range – humidity	40-100% RH
Operating range – temperature	3-32°C
Air volume	1000 m ³ /h
Power supply	230 V/50 Hz
Max. ampere consumption	7,2 A
Max. power consumption	1,64 kW
Refrigerant	R 407c
Compressor type	Rotary
Sound level (at 1 metre)	62 dB(A)
Colour - wheel cap	RAL 7044
Colour - front grill	RAL 7015
Colour - control panel and bumpers	RAL 9005
Protection class	IP X4
Filter	PPI 15/G1
Wheel size	Ø 250 mm
Wheel material	PP
Control panel material	ABS
Weight	62 kg

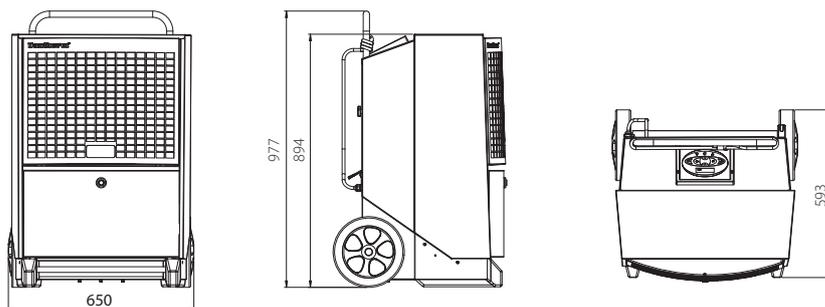
CAPACITY CURVES



Specific energy consumption (SEC)

- 0,42 kWh/l at 30°C & 80% RH
- 0,71 kWh/l at 20°C & 60% RH

DIMENSIONS



All dimensions are in mm.

Accessories

Remote hygostat
Dual voltage kit
(see separate data sheet)

Also available in this series:

CDT 30
CDT 30 S
CDT 40
CDT 40 S
CDT 60
(see separate data sheets)