



CDT 30 MK III

**CDT 30 MK III  
MOBILE DEHUMIDIFIER**

**Function**

The CDT 30 MK III 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 is collected in the water container.

**Applications**

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

**FEATURES**

**Dehumidifier**

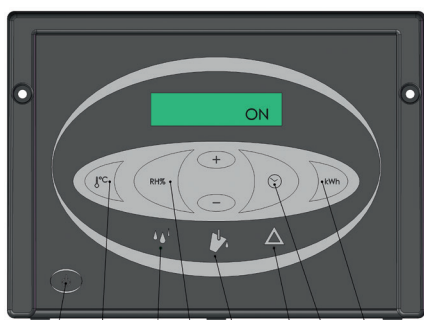
- High capacity
- Low energy consumption
- New eco-friendly refrigerant that meets 2020 EU regulations
- Strong and robust cabinet of powder coated hot galvanized steel
- Epoxy coated evaporator and condenser
- Adjustable handle
- Plastic bumpers
- Low weight
- Stackable
- Large wheels

**Water container**

- Water container with handles
- Automatic stop when water container is full or removed
- Permanent drainage can be established with optional 1/2" hose connection
- Condensate pump in a cassette as optional extra

**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



**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

**Defrosting**

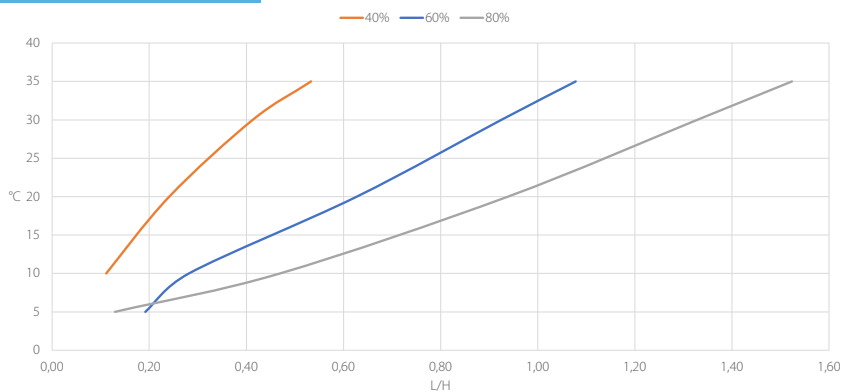
Active, demand-controlled defrosting which is activated through a temperature sensor on the evaporator. Defrosting is done by means of hot refrigerant being fed through the evaporator.



**TECHNICAL DATA**

|   |                       |
|---|-----------------------|
| <b>Model</b>                            | <b>CDT 30 MK III</b>  |
| Operating range – humidity              | 40-100% RH            |
| Operating range – temperature           | 3-35°C                |
| Dehumidification – 20°C & 60% RH        | 15.1 l/d              |
| Dehumidification – 30°C & 80% RH        | 31.9 l/d              |
| Air volume                              | 250 m <sup>3</sup> /h |
| Power supply                            | 230 V/50 Hz           |
| Max. ampere consumption                 | 3.6 A                 |
| Max. power consumption                  | 0.8 kW                |
| Refrigerant                             | R454C                 |
| Compressor type                         | Rotary                |
| Sound level (at 1 metre)                | 56 dB(A)              |
| Water container capacity                | 7 litres              |
| Colour – cover plate                    | RAL 7044              |
| Colour – front and rear grille, cabinet | RAL 7015              |
| Colour – control panel and bumpers      | RAL 9005              |
| Protection class                        | IP X4                 |
| Filter                                  | PPI 15/G1             |
| Wheel size                              | Ø 250 mm              |
| Wheel and water container material      | PP                    |
| Control panel material                  | ABS                   |
| Weight                                  | 31 kg                 |

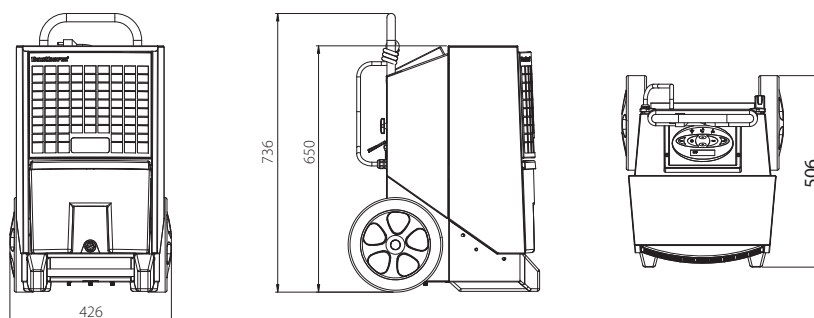
**CAPACITY CURVES**



**Specific energy consumption (SEC)**

- 0.53 kWh/l at 30°C & 80% RH
- 0.85 kWh/l at 20°C & 60% RH

**DIMENSIONS**



All dimensions are in mm.

**Accessories**

- ½" drain outlet
- Remote hygrostat
- Wall bracket
- Remote monitoring (IMCS)
- Condensate pump in a cassette (see separate data sheet)

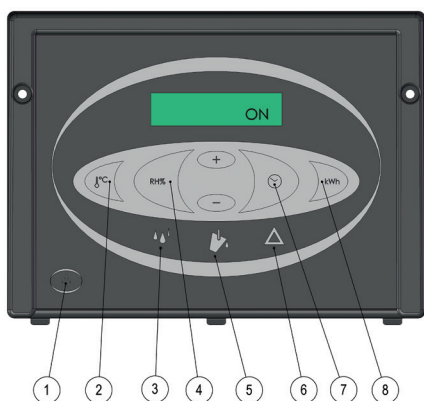
**Also available in this series**

- CDT 30S MK III
- CDT 40 MK III
- CDT 40S MK III
- CDT 60 MK III
- CDT 90 MK III
- (see separate data sheets)

**NEW**  
ECO-Friendly  
Refrigerant



CDT 30S MK III



**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

**CDT 30S MK III  
MOBILE DEHUMIDIFIER**

**Function**

The CDT 30S MK III 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 is collected in the water container.

**Applications**

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

**FEATURES**

**Dehumidifier**

- High capacity
- Low energy consumption
- New eco-friendly refrigerant that meets 2020 EU regulations
- Strong and robust cabinet of powder coated hot galvanized steel
- Epoxy coated evaporator and condenser
- Adjustable handle
- Plastic bumpers
- Low weight
- Stackable
- Large wheels
- On the back two Ø100 mm flex. air ducts may be connected (max. length of 5 m) (accessory)
- Built-in 1 kW heating element
- Supplied with high pressure fan

**Water container**

- Water container with handles
- Automatic stop when water container is full or removed
- Permanent drainage can be established with optional ½" hose connection
- Condensate pump in a cassette as optional extra

**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.



**TECHNICAL DATA**

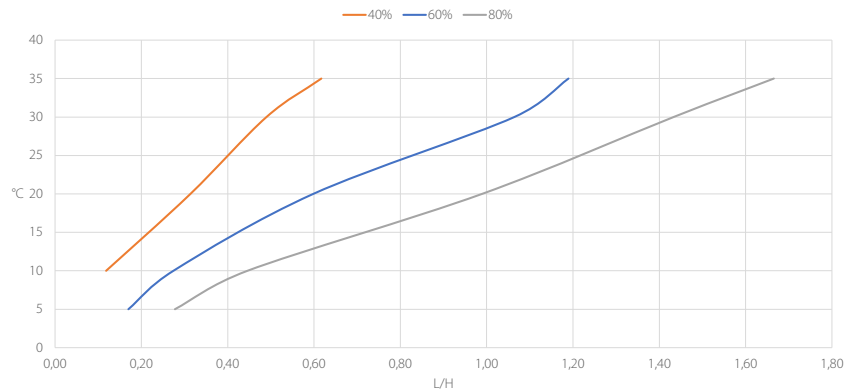
**Model**

|  |                                     |
|--|-------------------------------------|
| Operating range – humidity                     | <b>CDT 30S MK III</b><br>40-100% RH |
| Operating range – temperature                  | 3-35°C                              |
| Dehumidification – 20°C & 60% RH               | 14.4 l/d                            |
| Dehumidification – 30°C & 80% RH               | 34.4 l/d                            |
| Air volume                                     | 350 m <sup>3</sup> /h*              |
| Power supply                                   | 230 V/50 Hz                         |
| Max. ampere consumption                        | 7.9 A                               |
| Max. power consumption with heating element    | 1.8 kW                              |
| Max. power consumption without heating element | 0.8 kW                              |
| Refrigerant                                    | R454C                               |
| Compressor type                                | Rotary                              |
| Sound level (at 1 metre)                       | 56 dB(A)**                          |
| Water container capacity                       | 7 litres                            |
| Colour – cover plate                           | RAL 7044                            |
| Colour – front and rear grille, cabinet        | RAL 7015                            |
| Colour – control panel and bumpers             | RAL 9005                            |
| Protection class                               | IP X4                               |
| Filter   | PPI 15/G1                           |
| Wheel size                                     | Ø 250 mm                            |
| Wheel and water container material             | PP                                  |
| Control panel material                         | ABS                                 |
| Weight   | 33 kg                               |

\*Measured without air ducts mounted.

\*\*Measured with air ducts mounted.

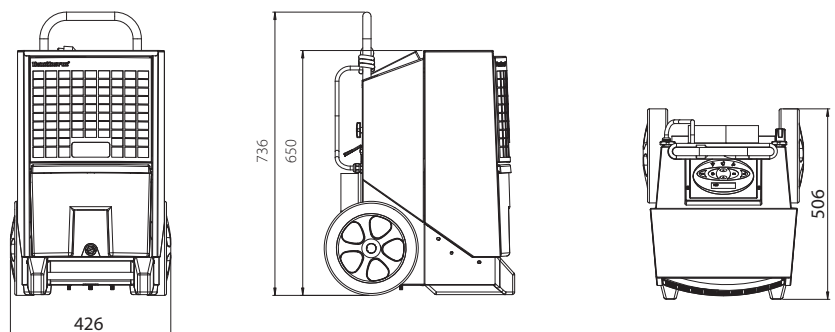
**CAPACITY CURVES**



**Specific energy consumption (SEC)**

- 0.51 kWh/l at 30°C & 80% RH
- 0.86 kWh/l at 20°C & 60% RH

**DIMENSIONS**



All dimensions are in mm.

**Accessories**

- ½" drain outlet
- Remote hygrostat
- Wall bracket
- Remote monitoring (IMCS)
- Condensate pump in a cassette
- Flex. air ducts Ø100 mm (see separate data sheet)

**Also available in this series:**

- CDT 30 MK III
- CDT 40 MK III
- CDT 40S MK III
- CDT 60 MK III
- CDT 90 MK III (see separate data sheets)

**NEW**  
 ECO-Friendly  
 Refrigerant



CDT 40 MK III

## CDT 40 MK III MOBILE DEHUMIDIFIER

### Function

The CDT 40 MK III 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 is collected in the water container.

### Applications

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

## FEATURES

### Dehumidifier

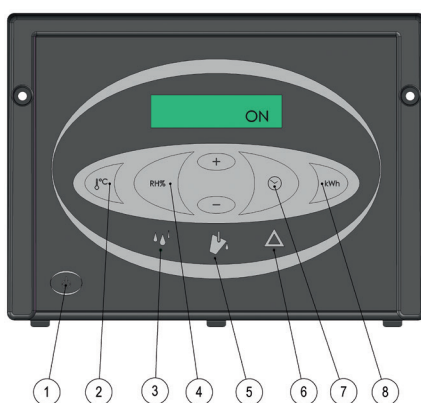
- High capacity
- Low energy consumption
- New eco-friendly refrigerant that meets 2020 EU regulations
- Strong and robust cabinet of powder coated hot galvanized steel
- Epoxy coated evaporator and condenser.
- Adjustable handle
- Plastic bumpers
- Low weight
- Stackable.
- Large wheels

### Water container

- Water container with handles
- Automatic stop when water container is full or removed.
- Permanent drainage can be established with optional ½" hose connection
- Condensate pump in a cassette as optional extra

### 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



### 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

### 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.

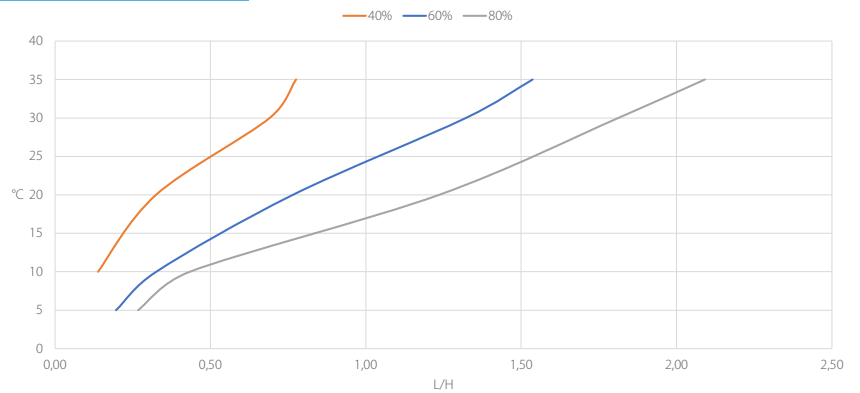


**TECHNICAL DATA**

**Model**

|   |                                    |
|---|------------------------------------|
| Operating range – humidity              | <b>CDT 40 MK III</b><br>40-100% RH |
| Operating range – temperature           | 3-35°C                             |
| Dehumidification – 20°C & 60% RH        | 18.4 l/d                           |
| Dehumidification – 30°C & 80% RH        | 43.5 l/d                           |
| Air volume                              | 350 m <sup>3</sup> /h              |
| Power supply                            | 230 V/50 Hz                        |
| Max. ampere consumption                 | 4.1 A                              |
| Max. power consumption                  | 0.9 kW                             |
| Refrigerant                             | R454C                              |
| Compressor type                         | Rotary                             |
| Sound level (at 1 metre)                | 57 dB(A)                           |
| Water container capacity                | 14 litres                          |
| Colour – cover plate                    | RAL 7044                           |
| Colour – front and rear grille, cabinet | RAL 7015                           |
| Colour – control panel and bumpers      | RAL 9005                           |
| Protection class                        | IP X4                              |
| Filter                                  | PPI 15/G1                          |
| Wheel size                              | Ø 250 mm                           |
| Wheel and water container material      | PP                                 |
| Control panel material                  | ABS                                |
| Weight                                  | 40 kg                              |

**CAPACITY CURVES**



**Specific energy consumption (SEC)**

- 0.44 kWh/l at 30°C & 80% RH
- 0.78 kWh/l at 20°C & 60% RH

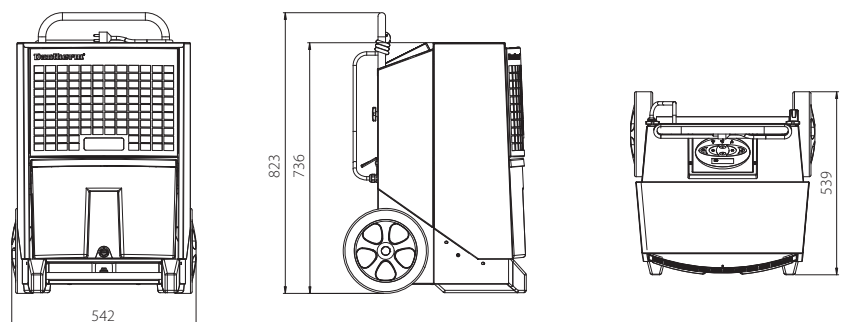
**Accessories**

- ½" drain outlet
- Remote hygrostat
- Wall bracket
- Remote monitoring (IMCS)
- Condensate pump in a cassette (see separate data sheet)

**Also available in this series:**

- CDT 30 MK III
- CDT 30 S MK III
- CDT 40 S MK III
- CDT 60 MK III
- CDT 90 MK III
- (see separate data sheets)

**DIMENSIONS**



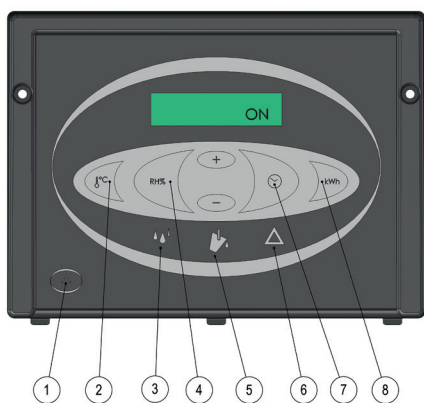
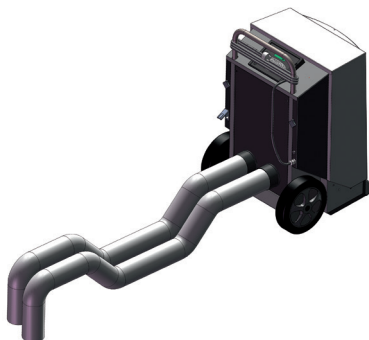
All dimensions are in mm.



**NEW**  
ECO-Friendly  
Refrigerant



CDT 40S MK III



**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

**CDT 40S MK III  
MOBILE DEHUMIDIFIER**

**Function**

The CDT 40S MK III 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 is collected in the water container.

**Applications**

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

**FEATURES**

**Dehumidifier**

- High capacity
- Low energy consumption
- New eco-friendly refrigerant that meets 2020 EU regulations
- Strong and robust cabinet of powder coated hot galvanized steel
- Epoxy coated evaporator and condenser.
- Adjustable handle
- Plastic bumpers
- Low weight
- Stackable
- Large wheels
- On the back two Ø100 mm flex. air ducts may be connected (max. length of 5 m) (accessory)
- Built-in 1 kW heating element
- Supplied with high pressure fan

**Water container**

- Water container with handles
- Automatic stop when water container is full or removed
- Permanent drainage can be established with optional ½" hose connection
- Condensate pump in a cassette as optional extra

**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.



**TECHNICAL DATA**

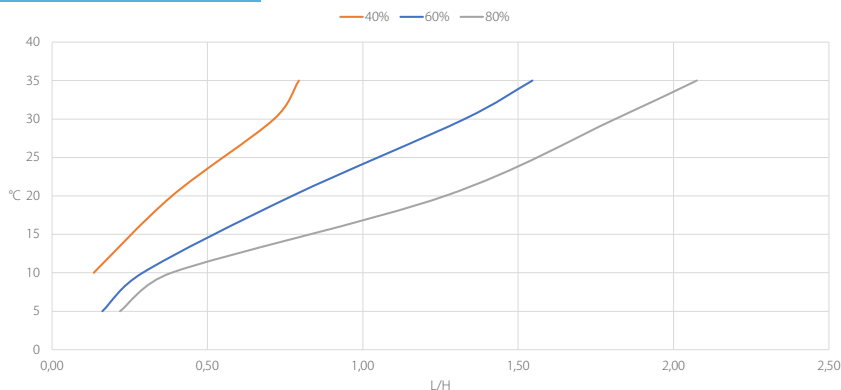
**Model**

|  |                                     |
|--|-------------------------------------|
| Operating range – humidity                     | <b>CDT 40S MK III</b><br>40-100% RH |
| Operating range – temperature                  | 3-35°C                              |
| Dehumidification – 20°C & 60% RH               | 18.6 l/d                            |
| Dehumidification – 30°C & 80% RH               | 43.5 l/d                            |
| Air volume                                     | 560 m <sup>3</sup> /h*              |
| Power supply                                   | 230 V/50 Hz                         |
| Max. ampere consumption                        | 8.4 A                               |
| Max. power consumption with heating element    | 1.9 kW                              |
| Max. power consumption without heating element | 0.9 kW                              |
| Refrigerant                                    | R454C                               |
| Compressor type                                | Rotary                              |
| Sound level (at 1 metre)                       | 58 dB(A)**                          |
| Water container capacity                       | 14 litres                           |
| Colour – cover plate                           | RAL 7044                            |
| Colour – front and rear grille, cabinet        | RAL 7015                            |
| Colour – control panel and bumpers             | RAL 9005                            |
| Protection class                               | IP X4                               |
| Filter   | PPI 15/G1                           |
| Wheel size                                     | Ø 250 mm                            |
| Wheel and water container material             | PP                                  |
| Control panel material                         | ABS                                 |
| Weight   | 43 kg                               |

\*Measured without air ducts mounted.

\*\*Measured with air ducts mounted.

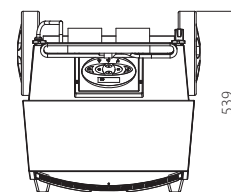
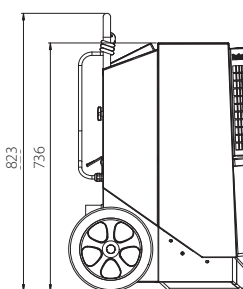
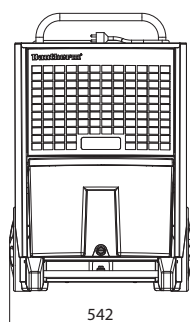
**CAPACITY CURVES**



**Specific energy consumption (SEC)**

- 0.44 kWh/l at 30°C & 80% RH
- 0.77 kWh/l at 20°C & 60% RH

**DIMENSIONS**



All dimensions are in mm.

**Accessories**

- ½" drain outlet
- Remote hygrostat
- Wall bracket
- Remote monitoring (IMCS)
- Condensate pump in a cassette
- Flex. air ducts Ø100 mm (see separate data sheet)

**Also available in this series:**

- CDT 30 MK II
- CDT 30S MK II
- CDT 40 MK II
- CDT 60 MK II
- CDT 90 MK II (see separate data sheets)



**NEW**  
 ECO-Friendly  
 Refrigerant

**CDT 60 MK III**
**CDT 60 MK III**  
**MOBILE DEHUMIDIFIER**
**Function**

The CDT 60 MK III 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 is collected in the water container.

**Applications**

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

**FEATURES**
**Dehumidifier**

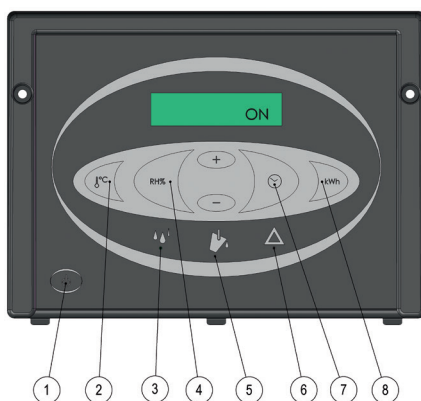
- High capacity
- Low energy consumption
- New eco-friendly refrigerant that meets 2020 EU regulations
- Strong and robust cabinet of powder coated hot galvanized steel
- Epoxy coated evaporator and condenser
- Adjustable handle
- Plastic bumpers
- Low weight
- Stackable.
- Large wheels

**Water container**

- Water container with handles
- Automatic stop when water container is full or removed
- Permanent drainage can be established with optional ½" hose connection
- Condensate pump in a cassette as optional extra

**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


**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

**Defrosting**

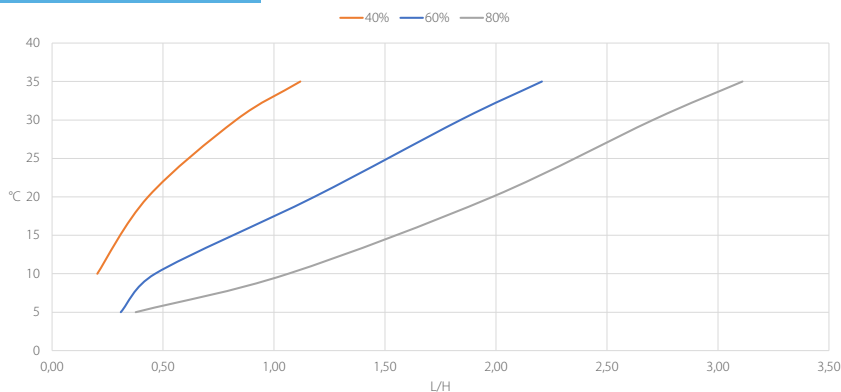
Active, demand-controlled defrosting which is activated through a temperature sensor on the evaporator. Defrosting is done by means of hot refrigerant being fed through the evaporator.



**TECHNICAL DATA**

|   |                       |
|---|-----------------------|
| <b>Model</b>                            | <b>CDT 60 MK III</b>  |
| Operating range – humidity              | 40-100% RH            |
| Operating range – temperature           | 3-35°C                |
| Dehumidification – 20°C & 60% RH        | 28.4 l/d              |
| Dehumidification – 30°C & 80% RH        | 65.0 l/d              |
| Air volume                              | 725 m <sup>3</sup> /h |
| Power supply                            | 230 V/50 Hz           |
| Max. ampere consumption                 | 5.6 A                 |
| Max. power consumption                  | 1.3 kW                |
| Refrigerant                             | R454C                 |
| Compressor type                         | Rotary                |
| Sound level (at 1 metre)                | 57 dB(A)              |
| Water container capacity                | 14 litres             |
| Colour – cover plate                    | RAL 7044              |
| Colour – front and rear grille, cabinet | RAL 7015              |
| Colour – control panel and bumpers      | RAL 9005              |
| Protection class                        | IP X4                 |
| Filter                                  | PPI 15/G1             |
| Wheel size                              | Ø 250 mm              |
| Wheel and water container material      | PP                    |
| Control panel material                  | ABS                   |
| Weight                                  | 46 kg                 |

**CAPACITY CURVES**



**Specific energy consumption (SEC)**

- 0.42 kWh/l at 30°C & 80% RH
- 0.75 kWh/l at 20°C & 60% RH

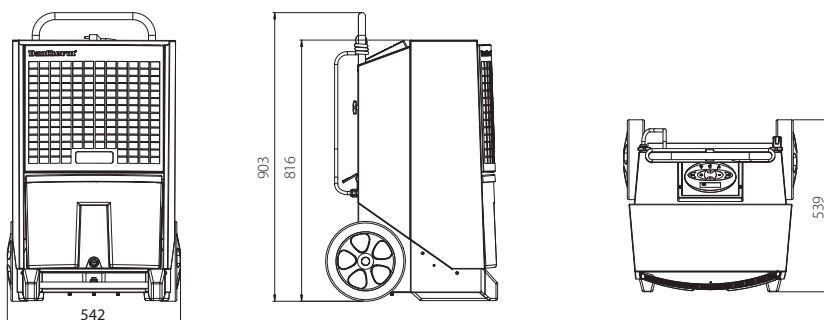
**Accessories**

- ½" drain outlet
- Remote hygrostat
- Wall bracket
- Remote monitoring (IMCS)
- Condensate pump in a cassette (see separate data sheet)

**Also available in this series**

- CDT 30 MK II
- CDT 30S MK II
- CDT 40 MK II
- CDT 40S MK II
- CDT 90 MK II
- (see separate data sheets)

**DIMENSIONS**



All dimensions are in mm

**NEW**  
 ECO-Friendly  
 Refrigerant

**CDT 90 MK III**
**CDT 90 MK III**  
**MOBILE DEHUMIDIFIER**
**Function**

The CDT 90 MK III 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 is collected in the water container.

**Applications**

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

**FEATURES**
**Dehumidifier**

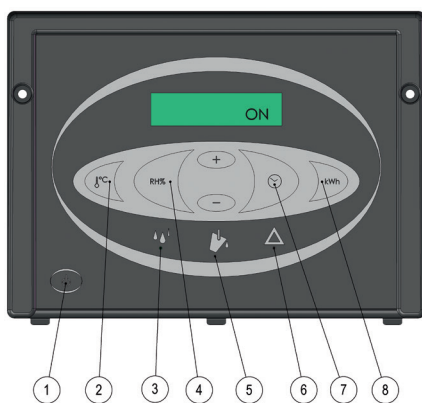
- High capacity
- Low energy consumption
- New eco-friendly refrigerant that meets 2020 EU regulations
- Strong and robust cabinet of powder coated hot galvanized steel
- Epoxy coated evaporator and condenser
- Adjustable handle
- Plastic bumpers
- Low weight
- Large wheels

**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


**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

**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.



**TECHNICAL DATA**

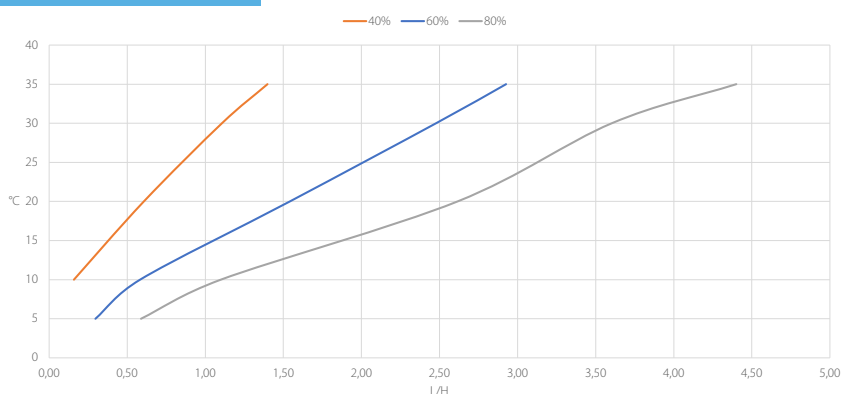
**Model**

Operating range – humidity  
 Operating range – temperature  
 Dehumidification – 20°C & 60% RH  
 Dehumidification – 30°C & 80% RH  
 Air volume  
 Power supply  
 Max. ampere consumption  
 Max. power consumption  
 Refrigerant  
 Compressor type  
 Sound level (at 1 metre)  
 Colour – cover plate  
 Colour – front and rear grille, cabinet  
 Colour – control panel and bumpers  
 Protection class  
 Filter  
 Wheel size  
 Wheel material  
 Control panel material  
 Weight

**CDT 90 MK III**

40-100% RH  
 3-35°C  
 37.0 l/d  
 86.5 l/d  
 1000 m<sup>3</sup>/h  
 230 V/50 Hz  
 8.3 A  
 1.9 kW  
 R454C  
 Rotary  
 57 dB(A)  
 RAL 7044  
 RAL 7015  
 RAL 9005  
 IP X4  
 PPI 15/G1  
 Ø 250 mm  
 PP  
 ABS  
 62 kg

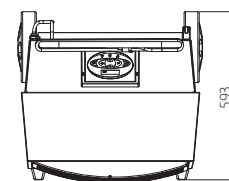
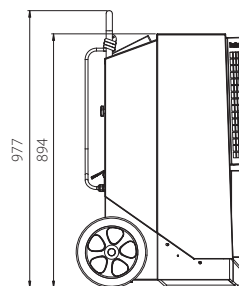
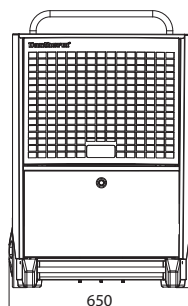
**CAPACITY CURVES**



**Specific energy consumption (SEC)**

- 0.48 kWh/l at 30°C & 80% RH
- 0.81 kWh/l at 20°C & 60% RH

**DIMENSIONS**



**Accessories**




Remote hygostat  
 Remote monitoring (IMCS)  
 (see separate data sheet)

**Also available in this series**

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

All dimensions are in mm

**ACCESSORIES CDT 30-40-60-90 MK III**

| Illustration  | Accessory   | Description  | CDT type                        | Dantherm no.                              |
|---|---|--|---------------------------------|---|
|    | Hygostat  | <p>When a hygostat is connected the dehumidifier can operate continuously dependent on the relative humidity in the room.</p> <p><b>Two versions are available:</b><br/>           Hygostat with 0.4 m cable, jack plug and fitting<br/>           Hygostat with 3 m cable and jack plug</p> | All<br>All                      | 396242<br>396241                          |
|    | ½" draining tap and screwed hose connector              | Ball tap, brass screwed hose connector and clamp for mounting on the water container.  | All                             | 396243                                    |
|  | Intelligent Remote Monitoring and Control System (IMCS) | IMCS enables you to check the humidifying status in realtime from computers, smartphones and tablets. In addition, you can remotely monitor and control parameters such as power on/off, alarms, temperature and power consumption.  | All                             | Please contact sales for more information |
|  | Condensate pump in a cassette                           | <p>Cassette with built-in condensate pump.</p> <p>Vertical lift: up to 3 metres<br/>           Length of tube: 10 metres</p>   | CDT 30/30S<br><br>CDT 40/40S/60 | 075616<br><br>075617                      |
|  | Wall bracket  | Using the wall bracket the dehumidifier can be hung on the wall.   | CDT 30/30S<br><br>CDT 40/40S/60 | 396247<br><br>396248                      |