

EN

ORIGINAL INSTRUCTIONS  
CONDENSER DRYER



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**Notes regarding the instructions**

**Symbols**

 **Warning of electrical voltage**  
This symbol indicates dangers to the life and health of persons due to electrical voltage.

 **Warning**  
This signal word indicates a hazard with an average risk level which, if not avoided, can result in serious injury or death.

 **Caution**  
This signal word indicates a hazard with a low risk level which, if not avoided, can result in minor or moderate injury.

**Note**  
This signal word indicates important information (e.g. material damage), but does not indicate hazards.

 **Info**  
Information marked with this symbol helps you to carry out your tasks quickly and safely.

 **Follow the manual**  
Information marked with this symbol indicates that the instructions must be observed.

You can download the current version of the instructions and the EU declaration of conformity via the following link:



DH 25 S



<https://hub.trotec.com/?id=43847>

DH 65 S



<https://hub.trotec.com/?id=43848>

**Safety**

**Read this manual carefully before starting or using the device. Always store the manual in the immediate vicinity of the device or its site of use!**

 **Warning**  
**Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and / or serious injury. **Save all warnings and instructions for future reference.**  
This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

- Do not use the device in potentially explosive rooms.
- Do not use the device in aggressive atmosphere.
- Set the device up in an upright and stable position.
- Let the device dry out after a wet clean. Do not operate it when wet.
- Do not use the device with wet or damp hands.
- Do not expose the device to directly squirting water.
- Never insert any objects or limbs into the device.
- Do not cover or transport the device during operation.
- Do not sit on the device.

- This appliance is not a toy! Keep away from children and animals. Do not leave the device unattended during operation.
  - Check accessories and connection parts for possible damage prior to every use of the device. Do not use any defective devices or device parts.
  - Ensure that all electric cables outside of the device are protected from damage (e.g. caused by animals). Never use the device if electric cables or the power connection are damaged!
  - The electrical connection must correspond to the specifications in chapter Technical data.
  - Insert the mains plug into a properly secured mains socket.
  - Observe the device's power input, cable length and intended use when selecting extensions to the power cable. Completely unroll extension cables. Avoid electrical overload.
  - Before carrying out maintenance, care or repair work on the device, remove the mains plug from the mains socket. Hold onto the mains plug while doing so.
  - Switch the device off and disconnect the power cable from the mains socket when the device is not in use.
  - Do not under any circumstances use the device if you detect damages on the mains plug or power cable. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. Defective power cables pose a serious health risk!
  - When positioning the device, observe the minimum distances from walls and other objects as well as the storage and operating conditions specified in the Technical data chapter.
  - Make sure that the air inlet and outlet are not obstructed.
  - Make sure that the suction side is kept free of dirt and loose objects.
  - Do not remove any safety signs, stickers or labels from the device. Keep all safety signs, stickers and labels in legible condition.
  - Only transport the device in an upright position with an emptied condensation tank or drain hose.
  - Discharge the collected condensate before transport and storage. Do not drink it. Health hazard!
- production plants, underground rooms
  - store rooms, archives, laboratories
  - rooms and areas after water damage caused by burst pipes or flooding
  - keeping dry of:
    - instruments, devices, files
    - electric control devices, boiler plants, turbines and pipe systems in power plants
    - moisture-sensitive goods, loads, etc.

### Improper use

- Do not place the device on wet or flooded ground.
- Do not place any objects, e.g. clothing, on the device.
- Do not use the device outdoors.
- Any unauthorised modifications, alterations or structural changes to the device are forbidden.
- Any operation other than as described in this manual is prohibited. Non-observance renders all claims for liability and guarantee null and void.

### Personnel qualifications

People who use this device must:

- be aware of the dangers that occur when working with electric devices in damp areas.
- have read and understood the instructions, especially the Safety chapter.

Maintenance tasks which require the housing to be opened must only be carried out by specialist companies for cooling and air-conditioning or by Trotec.

### Residual risks



#### Warning of electrical voltage

Work on the electrical components must only be carried out by an authorised specialist company!



#### Warning of electrical voltage

Before any work on the device, remove the mains plug from the mains socket!  
Hold onto the mains plug while pulling the power cable out of the mains socket.



#### Warning

Dangers can occur at the device when it is used by untrained people in an unprofessional or improper way! Observe the personnel qualifications!



#### Warning

The device is not a toy and does not belong in the hands of children.



#### Warning

Risk of suffocation!  
Do not leave the packaging lying around. Children may use it as a dangerous toy.

### Intended use

Only use the device as a stationary industrial dryer for drying and dehumidifying room air whilst adhering to the technical data and safety instructions.

Intended use comprises:

- drying and dehumidifying:

**Note**

Do not operate the device without an inserted air filter!  
Without the air filter, the inside of the device will be heavily contaminated. This could reduce the performance and result in damage to the device.

**Behaviour in the event of an emergency**

1. Switch off the device.
2. In an emergency, disconnect the device from the mains feed-in: Hold onto the mains plug while pulling the power cable out of the mains socket.
3. Do not reconnect a defective device to the mains.

**Information about the device**

**Description of the device**

The device uses the principle of condensation to automatically dehumidify rooms.

The fan sucks damp room air through the air inlet, the air filter, the evaporator and to the condenser located behind it. The air is cooled at the cold evaporator until it is below the dew point. Water vapour contained in the room air precipitates on the evaporator fins as condensation or rime. The dehumidified, cooled air is slightly warmed at the condenser and blown out again. The drier air thus conditioned mixes with the air in the room. The humidity in the room where the device is positioned is reduced as air constantly circulates through the device.

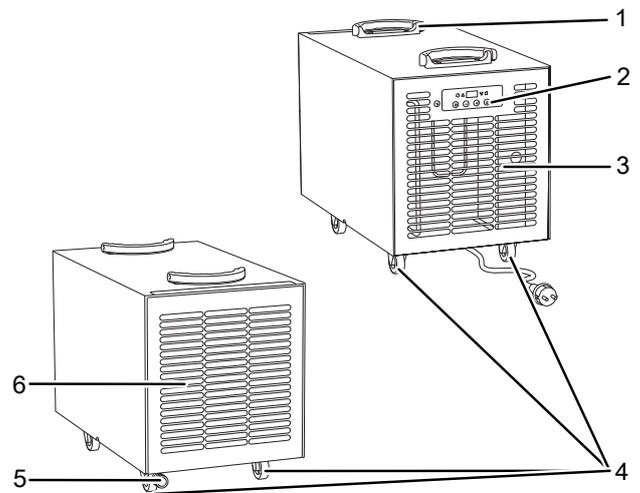
Depending on the air temperature and the relative humidity, the condensed water either drops into the condensation tray continuously or only during the defrost phases. The condensate is fed through a pipe connection and out of the device. To do so, a condensation drain hose is connected to the hose connector of the device and the condensate is drained.

The device comes with a hot gas automatic defrost system. Here, the hot gas of the refrigerant circuit is used actively for fast and effective defrosting. This makes the device operate effectively even at temperatures below 15 °C.

The device has a control panel for operating and controlling the functions.

Because of the heat radiation generated during operation, the room temperature may rise slightly.

**Device depiction**



No.	Designation
1	Transport handle
2	Control panel
3	Air outlet
4	Transport rolls lockable
5	Condensation drain hose connection
6	Air inlet with air filter

## Transport and storage

### Note

If you store or transport the device improperly, the device may be damaged.

Note the information regarding transport and storage of the device.

### Transport

To make the device easier to transport, it is fitted with a carry handle.

To make the device easier to transport, it is fitted with wheels.

**Before** transporting the device, observe the following:

- Switch off the device.
- Hold onto the mains plug while pulling the power cable out of the mains socket.
- Do not use the power cable to drag the device.
- Drain the remaining condensate from the device and the condensation drain hose (see chapter Maintenance).
- Only wheel the device on a level and smooth surface.

**After** transporting the device, observe the following:

- Set up the device in an upright position after transport.
- After having transported the device in horizontal position, leave the device to rest for 12 to 24 hours, so the refrigerant can accumulate within the compressor. Wait 12 to 24 hours before switching the device back on! Acting contrary might lead to compressor damage and a malfunctioning device. Any warranty claims will be voided in this case.

### Storage

**Before** storing the device, proceed as follows:

- Drain the remaining condensate from the device and the condensation drain hose (see chapter Maintenance).
- Hold onto the mains plug while pulling the power cable out of the mains socket.

When the device is not being used, observe the following storage conditions:

- dry and protected from frost and heat
- in an upright position where it is protected from dust and direct sunlight
- with a cover to protect it from invasive dust, if necessary
- Place no further devices or objects on top of the device to prevent it from being damaged.

## Assembly and installation

### Scope of delivery

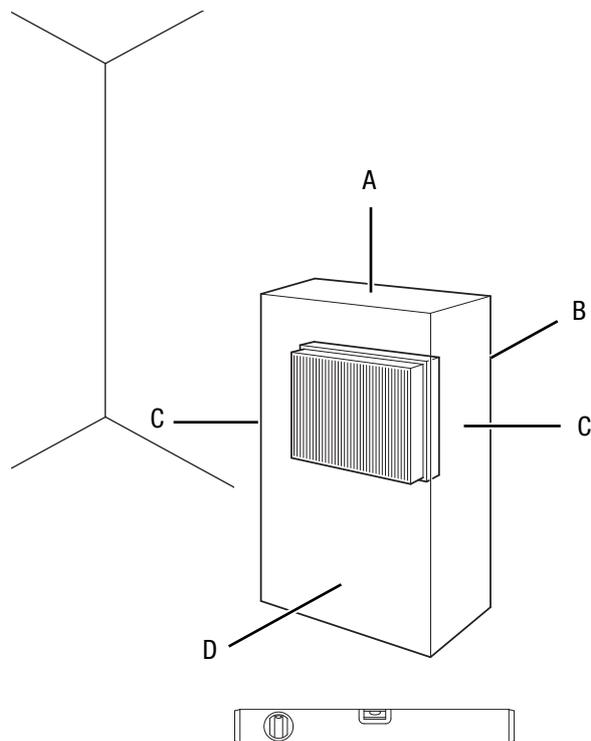
- 1 x Device
- 1 x Air filter
- 1 x Manual

### Unpacking the device

1. Open the cardboard box and take the device out.
2. Completely remove the packaging.
3. Fully unwind the power cable. Make sure that the power cable is not damaged and that you do not damage it during unwinding.

### Start-up

When positioning the device, observe the minimum distance from walls or other objects as described in the Technical data chapter.



- Before restarting the device, check the condition of the power cable. If there are doubts as to the sound condition, contact the customer service.
- Set the device up in an upright and stable position.
- Do not create tripping hazards when laying the power cable or other electric cables, especially when positioning the device in the middle of the room. Use cable bridges.
- Make sure that extension cables are completely unrolled.
- When positioning the device, keep a sufficient distance to heat sources.

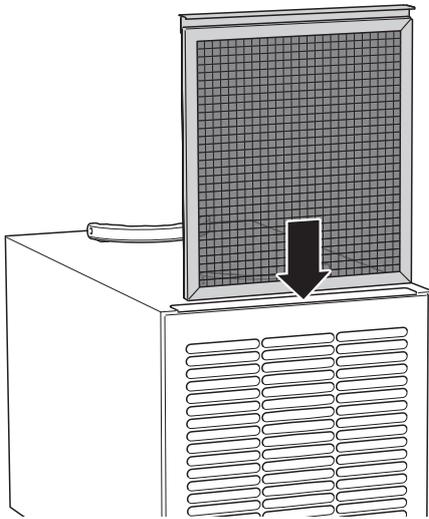
- Make sure that no curtains or other objects interfere with the air flow.
- When positioning the device, particularly in wet areas, secure it locally with an RCD (residual current device) which complies with the respective regulations.

**Inserting the air filter**

**Note**

Do not operate the device without an inserted air filter! Without the air filter, the inside of the device will be heavily contaminated. This could reduce the performance and result in damage to the device.

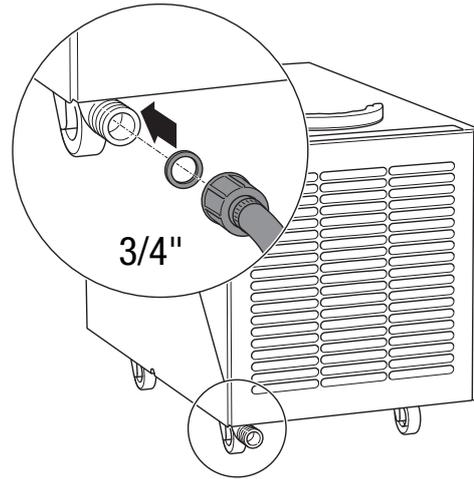
- Make sure that the air filter is installed before switching the device on.



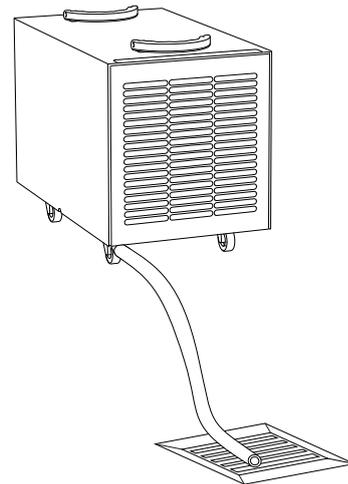
**Connecting the condensation drain hose**

The condensate forming during operation has to be drained via a condensation drain hose. Proceed as follows to connect a condensation drain hose to the device:

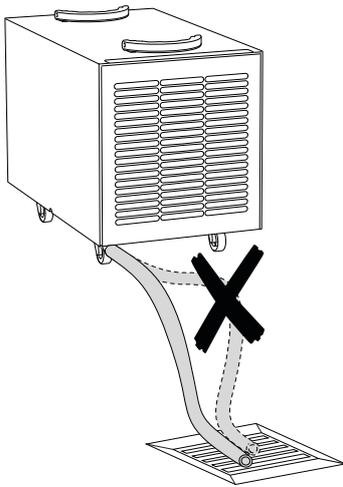
- ✓ A suitable condensation drain hose (3/4" connection) is ready for use.
  - ✓ The device is switched off.
1. Connect the condensation drain hose to the condensation hose connection (5) at the device.



2. Make sure that the condensation drain hose is properly connected to the device and free of damage.
3. Guide the other hose end to a suitable drain or sufficiently dimensioned collection container. Please note that the hose must not be kinked.



4. Make sure that the condensation drain hose is installed with a continuous decline.



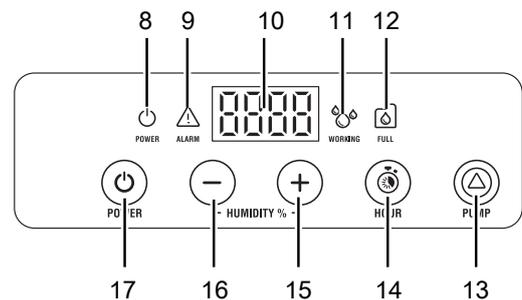
### Connecting the power cable

- Insert the mains plug into a properly secured mains socket.

## Operation

### Control panel

- Avoid open doors and windows.
- After being switched on, the device operates fully automatically.
- The fan runs permanently until the set nominal value is reached or the device switched off.
- After a runtime of approximately 35 minutes the device will switch over to the defrost mode for a duration of about 3 minutes, if required.



No.	Designation	Meaning
8	<i>POWER</i> LED	Illuminated during standby and ongoing operation
9	<i>ALARM</i> LED	Illuminated in the event of an error message
10	Segment display	Indication of the desired room humidity level
11	<i>WORKING</i> LED	Illuminated when the compressor is switched on
12	<i>FULL</i> LED	Illuminated when the condensation tray is full
13	<i>PUMP</i> button	Draining of residual water from the condensation tray
14	<i>HOUR</i> button	Activation or deactivation of the operating hours display. The operating hours are indicated on the segment display (10).
15	<i>Increase value</i> button	For increasing the desired relative humidity level (30 % to 80 %)
16	<i>Decrease value</i> button	For reducing the desired relative humidity level (30 % to 80 %)
17	<i>POWER</i> button	Switching the device on and off

### Switching the device on

Once you have completely installed the device as described in the Start-up chapter, you can switch it on.

Press the *POWER* button (17). The device starts to dehumidify.

#### Note

Only use the device in an upright position, otherwise the compressor could be damaged.

#### Note

If you switch the device off and back on immediately afterwards, it will take approx. 4 minutes for the device to start up again.

### Setting the desired room humidity

You can adjust the preset room humidity level at any time during operation.

1. Press the *Increase value* button (15) or *Decrease value* button (16), in order to set the desired value (in increments of 1 % ranging between 30 % and 80 %).  
⇒ The segment display flashes while you are making the setting.
2. The segment display will again be illuminated steadily approx. 4 s after the last input.  
⇒ The desired room humidity level is set.

### Setting continuous operation

The device dehumidifies the air constantly and regardless of the relative room humidity.

1. Press the *Decrease value* button (16) until the segment display (10) shows *Cont.*

### Automatic defrost

At low ambient temperatures, ice may form at the evaporator. The device will then carry out an automatic defrost.

The compressor switches off and the fan keeps running until defrosting is completed. The duration of the defrost process can vary.

Do not switch the device off during automatic defrost. Do not remove the mains plug from the mains socket.

### Memory function

In case of brief power failures the device memorizes the programmed nominal value for humidity. The pre-programmed start and stop times for automatic operation are not saved.

### Shutdown



#### Warning of electrical voltage

Do not touch the mains plug with wet or damp hands.

- Switch off the device.
- Hold onto the mains plug while pulling the power cable out of the mains socket.
- If necessary, remove the condensation drain hose and any residual fluid from it.
- Empty the condensation tank, if need be.
- Clean the device according to the Maintenance chapter.
- Store the device according to the Storage chapter.

## Errors and faults

The device has been checked for proper functioning several times during production. If malfunctions occur nonetheless, check the device according to the following list.

### The device does not start:

- Check the power connection.
- Check the power cable for damages.
- Check the on-site fusing.
- Check the filling level of the condensation tray and empty it, if necessary. The *FULL* LED (12) must not be lit.
- Have the electrics checked by a specialist company for cooling and air-conditioning or by Trotec.

### The device is running, but there is no formation of condensate:

- Check whether the condensation drain hose is positioned correctly.
- Check the room temperature. Observe the device's permissible operating range according to the technical data.
- Ensure that the relative humidity complies with the technical data.
- Check the preselected desired humidity level. The humidity in the room where the device is positioned must be at least 3 % higher than the target value. If necessary, reduce the set relative humidity.
- Check the condensate pump for proper functioning or unusual vibrations and sounds. Remove external dirt (see chapter Maintenance).
- Check the air filter for dirt. If necessary, clean or replace the air filter (see chapter Maintenance).
- Check the exterior of the condenser and the condensate pump for dirt (see chapter Maintenance). If the inside of the device is dirty, have it cleaned by a specialist company or by Trotec.

### The device is loud or vibrates:

- Check the air filter for dirt. If necessary, clean or replace the air filter (see chapter Maintenance).
- Check whether the device is set up in a stable and upright position.

### The device gets very warm, is loud or loses power:

- Check the air inlets and air filters for dirt. Remove external dirt.
- Check the inside of the device and especially the fan, the fan housing, the evaporator, the condenser and the condensate pump for external dirt (see chapter Maintenance). If the inside of the device is dirty, have it cleaned by a specialist company for cooling and air-conditioning or by Trotec.

### Your device still does not operate correctly after these checks?

Please contact the customer service. If necessary, bring the device to a specialist company for cooling and air-conditioning or to Trotec for repair.

### Error codes

To ensure that the correct error table is used, please verify the software version in the segment display (10) first when starting the device.

The following error messages can be displayed on the segment display (10):

### Software version 0104

Message	Cause	Troubleshooting
Lo t	The temperature on temperature sensors T1 and T2 is lower than 5 °C	Switch the device off, disconnect the power supply and restart the device. If the error persists, have the device checked by a specialist company for cooling and air-conditioning, and have the measuring equipment replaced, if necessary.
LOt	The room temperature is lower than 0.5 °C	Only restart the device again when the temperature is >10 °C.
LoPt	The temperature difference between T3 and T1 is <6 °C	Have the device checked by a specialist company for cooling and air-conditioning, and have the measuring equipment exchanged if necessary.
Hi t	The temperature or humidity sensors are malfunctioning T3 > 35 °C and relative humidity <75 %	Only restart the device again when the temperature is <35 °C.
Hi t	The temperature or humidity sensors are malfunctioning T3 > 32 °C and relative humidity ≥78 %	Only restart the device when the temperature is <30 °C.
Prob	The humidity sensors are malfunctioning.	Have the device checked by a specialist company for cooling and air-conditioning, and have the measuring equipment exchanged if necessary.
Pro1		
Pro2		
Pro3		
LoPS	The LPS contact is open (see wiring diagram)	Have the device checked by a specialist company for cooling and air-conditioning, and have the measuring equipment exchanged if necessary.
HIPS	The HPS contact is open (see wiring diagram)	Have the device checked by a specialist company for cooling and air-conditioning, and have the measuring equipment exchanged if necessary.

### Software version 0105

Message	Cause	Troubleshooting
Lo t	The temperature on temperature sensors T1 and T2 is lower than 5 °C	Switch the device off, disconnect the power supply and restart the device. If the error persists, have the device checked by a specialist company for cooling and air-conditioning, and have the measuring equipment exchanged if necessary.
LOt	The room temperature is lower than 0.5 °C	Only restart the device when the temperature is >10 °C.
LoPt	The temperature difference between T3 and T1 is <6 °C	Have the device checked by a specialist company for cooling and air-conditioning, and have the measuring equipment exchanged if necessary.
Pr1	The device is performing a sensor test.	Switch off the device, disconnect the power supply and restart the device keeping the <i>Decrease value</i> button (16) pressed. Keep the <i>Decrease value</i> button (16) pressed for 10 s. If the error persists, have the device checked by a specialist company for cooling and air-conditioning, and have the measuring equipment exchanged if necessary.
Pr2		
Pr12		
Hi t	The temperature or humidity sensors are malfunctioning T3 > 35 °C and relative humidity <75 %	Only restart the device when the temperature is <35 °C.
Hi t	The temperature or humidity sensors are malfunctioning T3 > 32 °C and relative humidity ≥78 %	Only restart the device when the temperature is <30 °C.

Message	Cause	Troubleshooting
Prob	The humidity sensors are malfunctioning.	Switch off the device, disconnect the power supply and restart the device while keeping the <i>Reduce value</i> button (16) pressed. Keep the <i>Decrease value</i> button (16) pressed for 10 s. If the error persists, have the device checked by a specialist company for cooling and air-conditioning, and have the measuring equipment exchanged if necessary.
Pro1		
Pro2		
Pro3		
AL05	The G.A. contact is open (see wiring diagram)	Have the device checked by a specialist company for cooling and air-conditioning, and have the measuring equipment exchanged if necessary.
LoPS	The LPS contact is open (see wiring diagram)	Have the device checked by a specialist company for cooling and air-conditioning, and have the measuring equipment exchanged if necessary.
HIPS	The HPS contact is open (see wiring diagram)	Have the device checked by a specialist company for cooling and air-conditioning, and have the measuring equipment exchanged if necessary.

### Software version 2600

Message	Cause	Troubleshooting
LOt	The room temperature is lower than 0.5 °C	Only restart the device when the temperature is >10 °C.
Prob	The humidity sensors are malfunctioning.	Switch off the device, disconnect the power supply and restart the device keeping the <i>Decrease value</i> button (16) pressed. Keep the <i>Decrease value</i> button (16) pressed for 10 s. If the error persists, have the device checked by a specialist company for cooling and air-conditioning, and have the measuring equipment exchanged if necessary.
Pro3		
AL05	The G.A. contact is open (see wiring diagram)	Have the device checked by a specialist company for cooling and air-conditioning, and have the measuring equipment exchanged if necessary.
LoPS	The LPS contact is open (see wiring diagram)	Have the device checked by a specialist company for cooling and air-conditioning, and have the measuring equipment exchanged if necessary.

## Maintenance

## Maintenance intervals

Maintenance and care interval	before every start-up	as needed	at least every 2 weeks	at least every 4 weeks	at least every 6 months	at least annually
Empty the condensate pump, condensation tray and/or condenser dryer		X				
Check air inlets and outlets for dirt and foreign objects and clean if necessary	X			X		
Clean the exterior		X				X
Visually check the inside of the device for dirt		X		X		
Check air inlet grid(s) and air filter(s) for dirt and foreign objects and clean or replace if necessary	X		X			
Replace the air filter(s)					X	
Check for damage	X					
Check the attachment screws		X				X
Test run						X

## Maintenance and care log

Device type: .....

Device number: .....

Maintenance and care interval	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Check air inlets and outlets for dirt and foreign objects and clean if necessary																
Clean the exterior																
Visually check the inside of the device for dirt																
Check air inlet grid(s) and air filter(s) for dirt and foreign objects and clean or replace if necessary																
Replace the air filter(s)																
Check for damage																
Check the attachment screws																
Test run																
Comments																

1. Date: ..... Signature: .....	2. Date: ..... Signature: .....	3. Date: ..... Signature: .....	4. Date: ..... Signature: .....
5. Date: ..... Signature: .....	6. Date: ..... Signature: .....	7. Date: ..... Signature: .....	8. Date: ..... Signature: .....
9. Date: ..... Signature: .....	10. Date: ..... Signature: .....	11. Date: ..... Signature: .....	12. Date: ..... Signature: .....
13. Date: ..... Signature: .....	14. Date: ..... Signature: .....	15. Date: ..... Signature: .....	16. Date: ..... Signature: .....

## Activities required before starting maintenance



### Warning of electrical voltage

Do not touch the mains plug with wet or damp hands.

- Switch the device off.
- Hold onto the mains plug while pulling the power cable out of the mains socket.



### Warning of electrical voltage

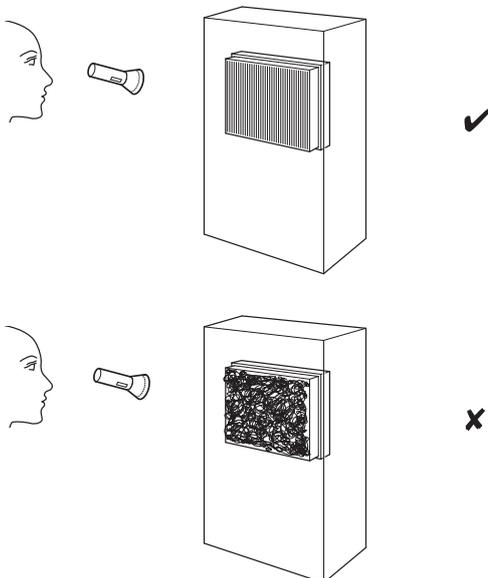
**Tasks which require the housing to be opened must only be carried out by authorised specialist companies or by Trotec.**

## Cleaning the housing

Clean the housing with a soft, damp and lint-free cloth. Ensure that no moisture enters the housing. Protect electrical components from moisture. Do not use any aggressive cleaning agents such as cleaning sprays, solvents, alcohol-based or abrasive cleaners to dampen the cloth.

## Visual inspection of the inside of the device for dirt

1. Remove the air filter.
2. Use a torch to illuminate the openings of the device.
3. Check the inside of the device for dirt.
4. If you see a thick layer of dust, have the inside of the device cleaned by a specialist company for cooling and air-conditioning or by Trotec.
5. Put the air filter back in.



## Refrigerant circuit

- The entire refrigerant circuit is a maintenance-free, hermetically sealed system and may only be maintained or repaired by specialist companies for cooling and air-conditioning or by Trotec.

## Cleaning the air filter

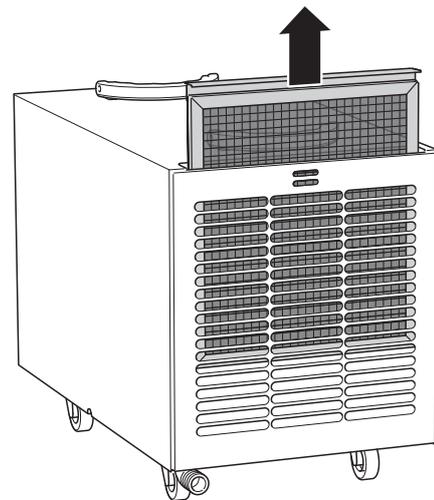
The air filter has to be cleaned as soon as it is dirty. This is brought to light e.g. by a reduced capacity (see chapter Errors and faults).



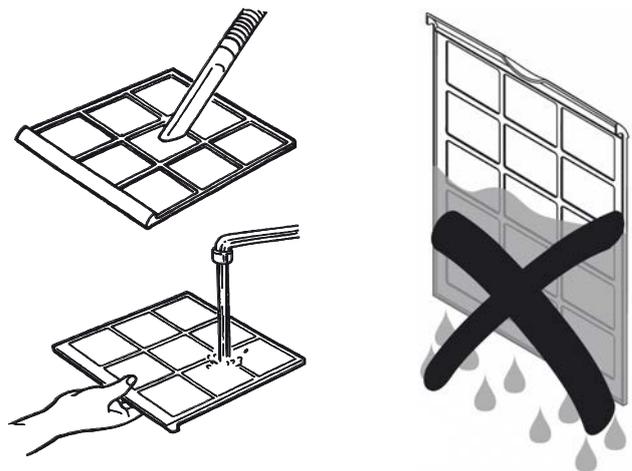
### Warning

Ensure that the air filter is not worn or damaged. The corners and edges of the air filter must not be deformed or rounded. Before reinserting the air filter, make sure that it is undamaged and dry!

1. Remove the air filter (6) at the air inlet from the device.



2. Clean the filter using a slightly damp, soft, lint-free cloth. If the filter is heavily contaminated, clean it with warm water mixed with a neutral cleaning agent.

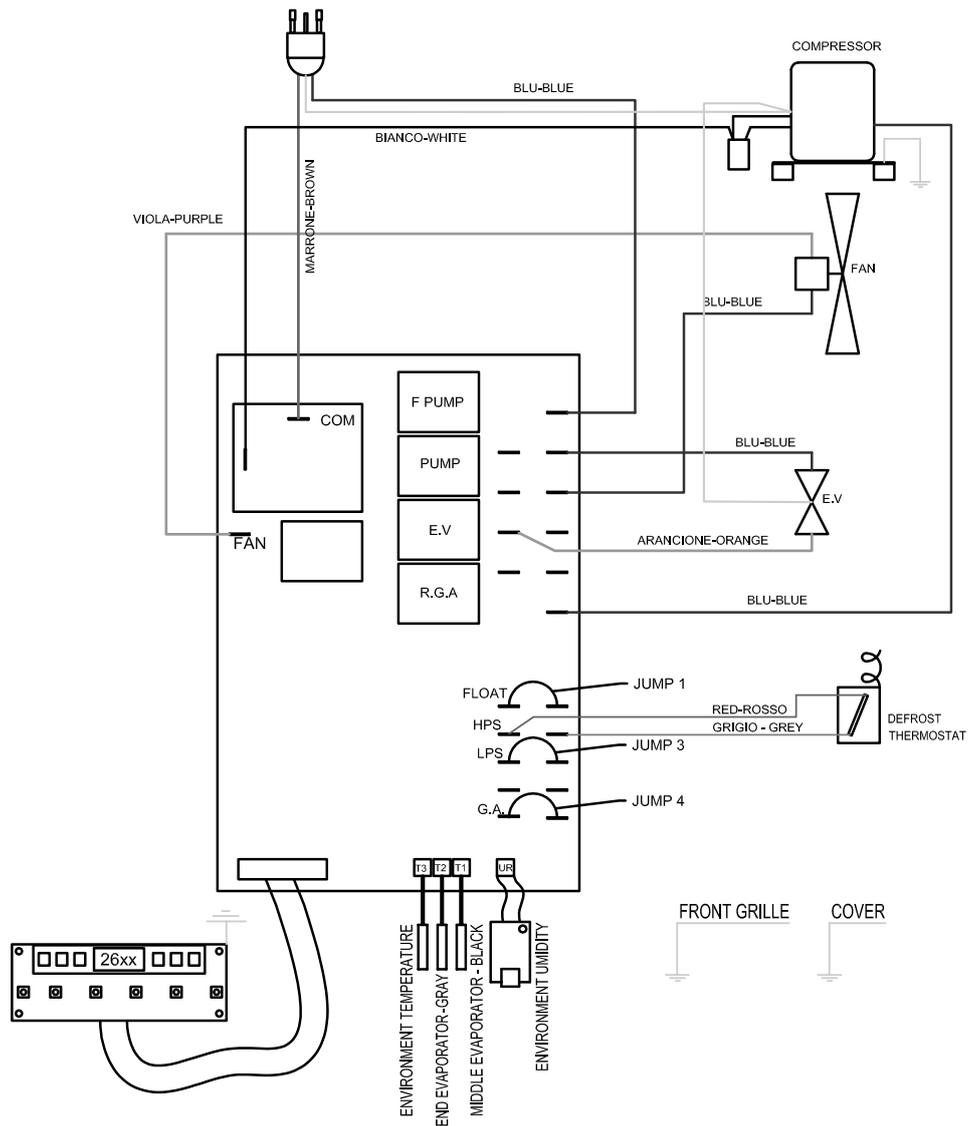


3. Allow the filter to dry completely. Do not insert a wet filter into the device!
4. Reinsert the air filter into the device.

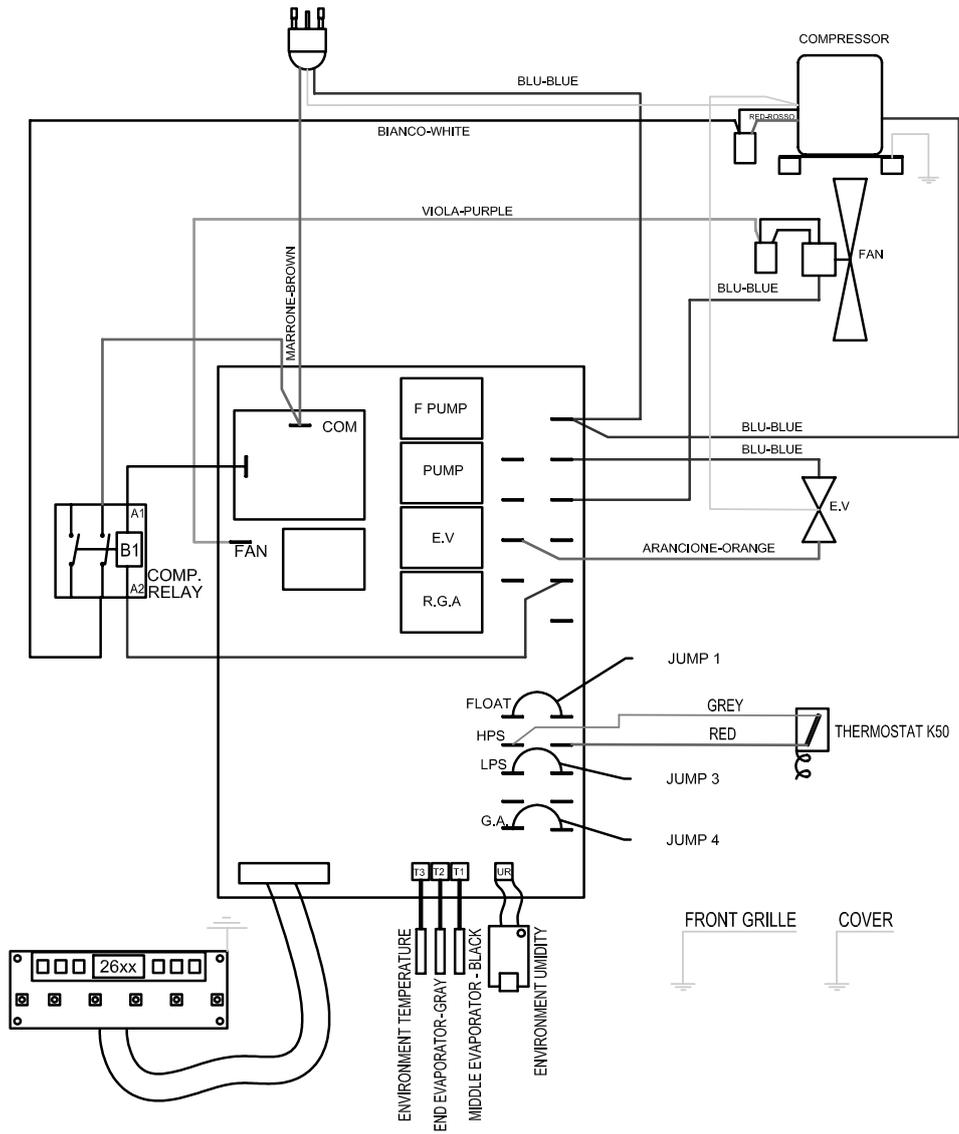
**Technical annex**
**Technical data**

Parameter	Value	
	DH 25 S	DH 65 S
Dehumidification performance / 24 h at 30 °C / 80 % RH	40 l	80 l
Air flow rate	450 m <sup>3</sup> /h	1100 m <sup>3</sup> /h
Pressure suction side	1.3 MPa	1.3 MPa
Pressure outlet side	3.5 MPa	3.5 MPa
Operating range (temperature)	1 to 35 °C	1 to 35 °C
Operating range (relative humidity)		
below 30 °C	35 to 98 % RH	35 to 98 % RH
30 °C to 32 °C	35 to 90 % RH	35 to 90 % RH
32 °C to 35 °C	35 to 70 % RH	35 to 70 % RH
Mains connection	1/N/PE~ 230 V / 50 Hz	1/N/PE~ 230 V / 50 Hz
Nominal capacity	0.77 kW	1.4 kW
Nominal current	3.1 A	6.6 A
Peak starting current	14 A	28 A
Refrigerant	R-410A	R-410A
Amount of refrigerant	580 g	820 g
GWP factor	2,088	2,088
CO <sub>2</sub> equivalent	1.211 t	1.712 t
Sound level at a distance of 3 m	51 dB(A)	52 dB(A)
Minimum distance to walls or other objects:		
	A: top: 50 cm	50 cm
	B: rear: 50 cm	50 cm
	C: side: 50 cm	50 cm
	D: front: 50 cm	50 cm
Length x width x height	580 x 343 x 457 mm	667 x 517 x 553 mm
Weight	34 kg	53 kg

Wiring diagram DH 25 S



**Wiring diagram DH 65 S**

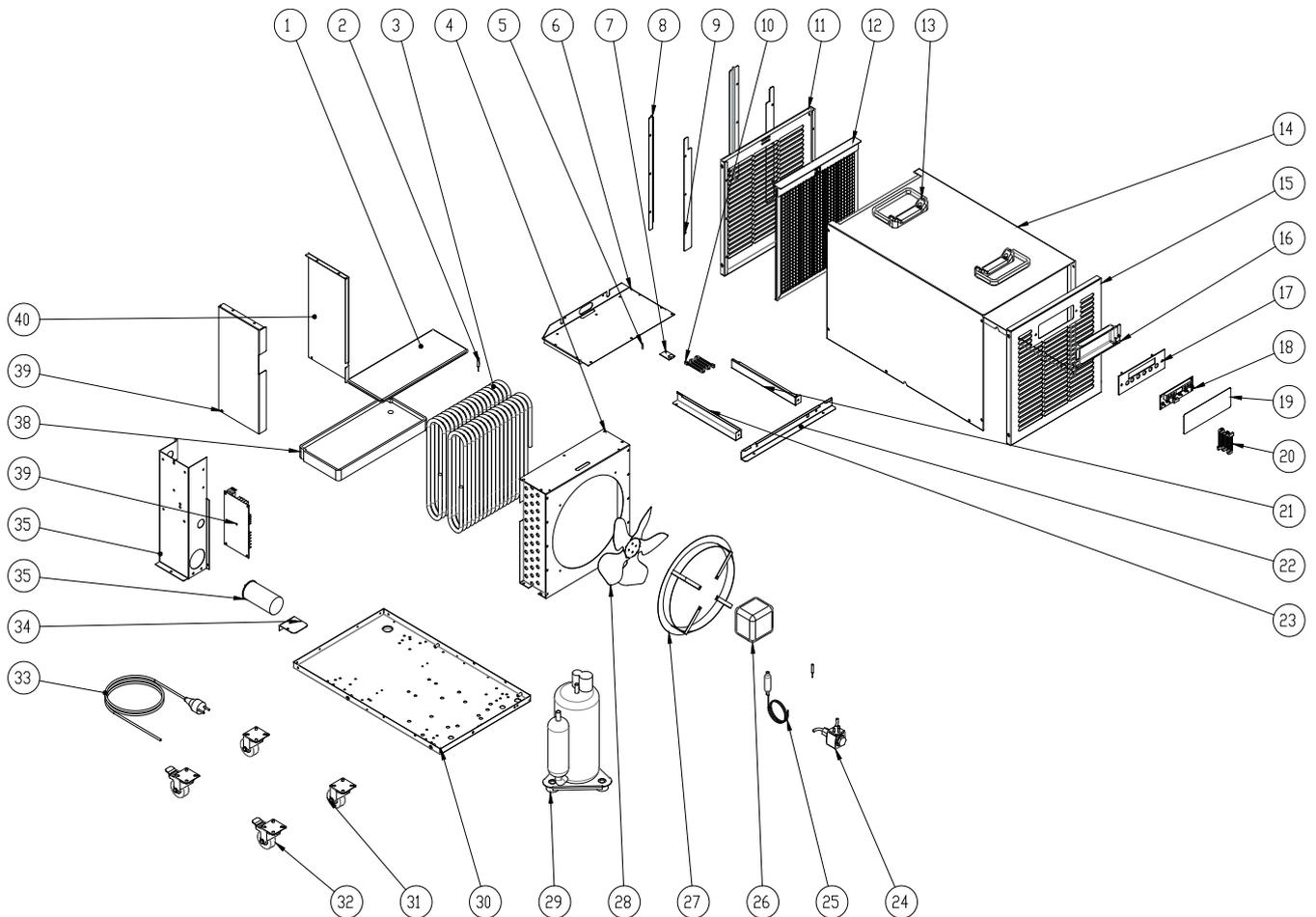


## Exploded assembly drawing DH 25 S



### Info

The position numbers of the spare parts differ from those describing the positions of the components mentioned in these instructions.



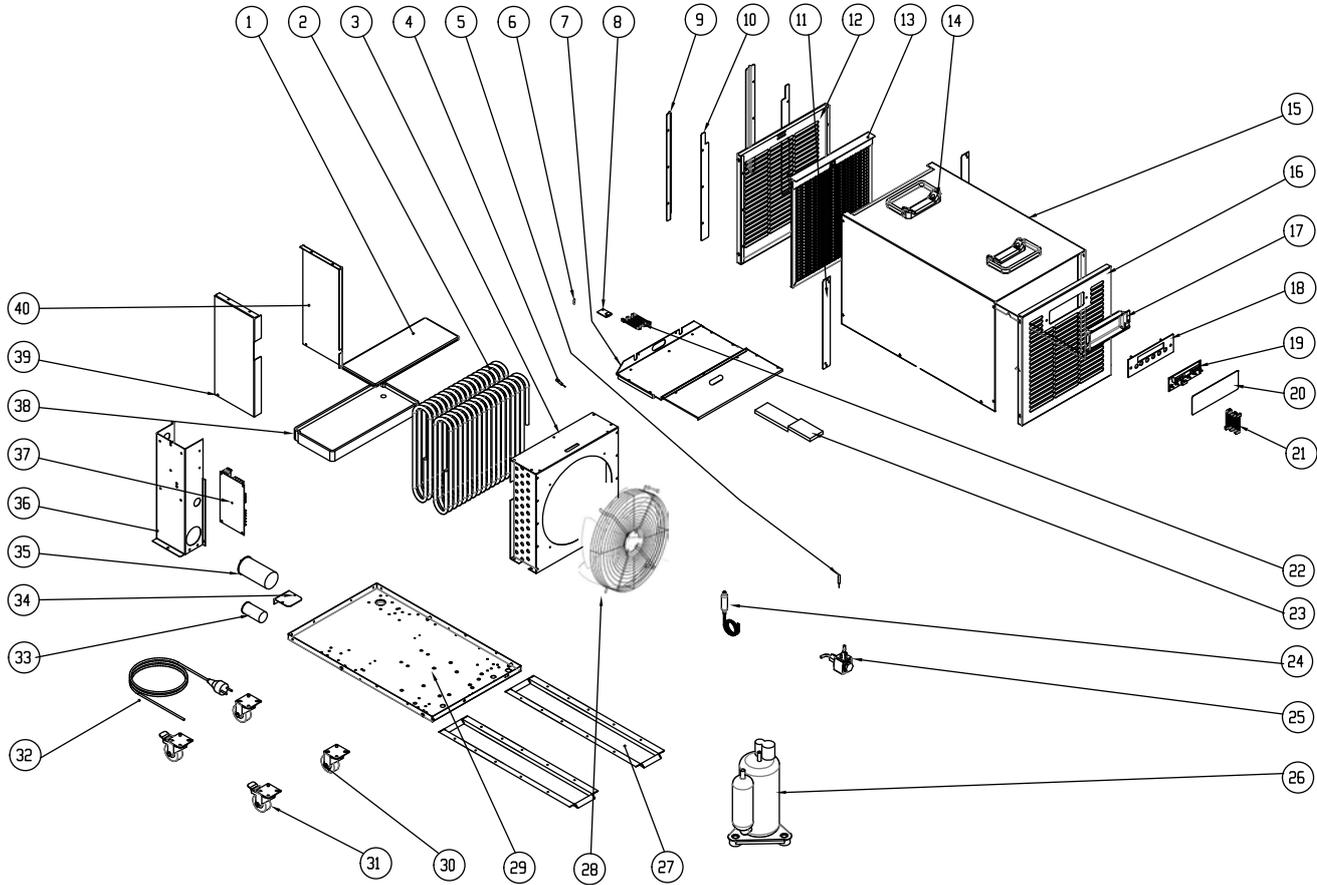
1	Foam Top	15	Supply grid	29	Compressor PA82 rotary R410A
2	Temperature probe L=1 MT	16	Suction display protection	30	Bottom
3	Double assembled evaporator	17	Display PCB support	31	Wheels Ø50 with plate
4	Condenser coil	18	Display digit for new PCB	32	Wheels Ø50 with plate and brake
5	Temperature probe standard L=1 MT	19	Label	33	Plug Schuko black
6	Evap.metal top	20	Wiring connection of the display L=1 MT	34	Capacitor support
7	Humidity probe	21	Right lane humidity sensor	35	Electric panel
8	Trotec filter rail	22	Bottom lane humidity sensor	36	Electric capacitor 40µF
9	Trotec filter rail_2	23	Left lane humidity sensor	37	PCB digit HGD vers. SoftWare 0104
10	Wiring connection of the humidity probe L=1	24	Electric valve Ø 3 mm	38	Tray
11	Trotec Suction grid	25	Capillary and filter	36	Tamp. dx evap.dwl
12	Trotec air filter	26	Motor fan 10W 230V50/60Hz	40	Tamp. sx evap.dwl
13	Handle	27	Fan motor ring Ø 238		
14	Cover	28	Fan Ø 230		

**Exploded assembly drawing DH 65 S**



**Info**

The position numbers of the spare parts differ from those describing the positions of the components mentioned in these instructions.



1	Foam Top	15	Cover	29	Bottom
2	Double assembled evaporator coil	16	Supply grid	30	Wheel Ø50 with plate
3	Condenser coil	17	Suction display protection	31	Wheel Ø50 with plate and brake
4	Temperature probe L=1 MT color black	18	Display PCB support	32	Power chord Schuko black
5	Temperature probe L=1 MT color grey	19	Display digit for new PCB	33	Fan motor capacitor
6	Temperature probe standard L=1 MT	20	Display label	34	Compressor capacitor support
7	Evaporator metal top	21	Wiring connection of the display L=1 MT	35	Compressor capacitor 40µF
8	Humidity probe for new PCB	22	Wiring connection of the humidity probe L=1 MT	36	Electric panel
9	Filter rail	23	Right lane humidity sensor	37	PCB digit HGD vers. SoftWare 0104 230 V PCB only
10	Filter rail_2	24	Capillary + mechanical filter	38	Evaporator tray
11	Risers	25	Electric valve Ø 3 mm	39	Tamp.dx Evaporator
12	Suction grid	26	Compressor PA160 R410A	40	Tamp.sx Evaporator
13	Air filter	27	Omega support for wheels		
14	Handle	28	Motor fan 100W 230V50/60Hz		

## Disposal



The icon with the crossed-out waste bin on waste electrical or electronic equipment stipulates that this equipment must not be disposed of with the household waste at the end of its life. You will find collection points for free return of waste electrical and electronic equipment in your vicinity. The addresses can be obtained from your municipality or local administration. For further return options provided by us please refer to our website [www.trotec24.com](http://www.trotec24.com).

The separate collection of waste electrical and electronic equipment aims to enable the re-use, recycling and other forms of recovery of waste equipment as well as to prevent negative effects for the environment and human health caused by the disposal of hazardous substances potentially contained in the equipment.

The device is operated with fluorinated greenhouse gas which can be dangerous for the environment and contribute to global warming when emitted to the atmosphere.

Further information is provided on the nameplate.

Dispose of the refrigerant appropriately and according to the national regulations.

## Declaration of conformity

The text below sets out the contents of the declaration of conformity. The signed declaration of conformity can be found at <https://hub.trotec.com/?id=43847>.

### Declaration of conformity

in accordance with the EC Machinery Directive 2006/42/EC,  
Annex II, Part 1, Section A

Herewith, we – Trotec GmbH– declare that the machinery designated below was developed, constructed and produced in compliance with the requirements of the EC Machinery Directive in the version 2006/42/EC.

**Product model / Product:** DH 25 S  
DH 65 S

**Product type:** condenser dryer

**Year of manufacture as of:** 2019

### Relevant EU directives:

- 2011/65/EU: 1 July 2011
- 2014/30/EU: 29 March 2014

### Applied harmonised standards:

- EN 378-2:2016
- EN 55014-1:2006
- EN 55014-1:2006/A1:2009
- EN 55014-1:2006/A2:2011
- EN 55014-2:1997
- EN 55014-2:1997/AC:1997
- EN 55014-2:1997/A1:2001
- EN 55014-2:1997/A2:2008
- EN 50581:2013
- EN 60335-1:2012
- EN 60335-1:2012/A11:2014
- EN 60335-1:2012/AC:2014
- EN 60335-2-40:2003
- EN 60335-2-40:2003/A11:2004
- EN 60335-2-40:2003/A12:2005
- EN 60335-2-40:2003/A1:2006
- EN 60335-2-40:2003/A2:2009
- EN 60335-2-40:2003/A13:2012
- EN 60335-2-40:2003+A11:2012+AC:2013
- EN 60335-2-40:2003/AC:2006
- EN 60335-2-40:2003/AC:2010

### Applied national standards and technical specifications:

- None

### Manufacturer and name of the authorised representative of the technical documentation:

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Place and date of issue:  
Heinsberg, 01.06.2015

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