

EN

ORIGINAL INSTRUCTIONS
POOL DEHUMIDIFIER



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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:



DS 30



<https://hub.trotec.com/?id=39576>

DS 60



<https://hub.trotec.com/?id=39581>

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 or areas and do not install it there.
- Do not use the device in aggressive atmosphere.
- 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 mains connection must correspond to the specifications in the Technical annex.
- Insert the mains plug into a properly fused 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.
- 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 power cable 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!
- Observe the storage and operating conditions (see Technical data).
- Only install the device in compliance with the national installation regulations.
- 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!

Intended use

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

Intended use comprises:

- drying and dehumidifying:
 - indoor swimming pools
 - whirlpool rooms
 - wellness areas
 - therapy pools
 - thermal baths

A sufficient fresh air supply must be ensured at the installation site of the device.

Foreseeable misuse

- 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 out of doors.
- Do not make any unauthorised modifications, alterations or structural changes to the device.
- Any use other than the intended use is regarded as a reasonably foreseeable misuse.

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

A falling device can cause injuries! **Always transport and assemble the device with the help of other persons.** Never stand below the device when it is suspended. Ensure adequate stability of the device's wall fixing.



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.

Behaviour in the event of an emergency

1. 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.
2. Do not reconnect a defective device to the mains.

Information about the device

Device description

The pool dehumidifiers of the DS series maintain a constant humidity level around the clock.

The humidity is automatically regulated to an ideal level that reliably prevents corrosion, condensation and mould formation.

The pool dehumidifiers of the DS series use the principle of condensation to automatically dehumidify rooms.

The fan sucks damp room air through the air inlet, the evaporator and 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 rewarmed at the condenser and blown out at a temperature of approx. 5 °C above room temperature.

The drier air, thus conditioned, mixes with the air in the room via the air outlet. 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 continuously or only during the defrost phase through the pre-assembled condensation drain hose and is discharged from the device.

To set the desired humidity level, a hygrostat with control dial is provided in the device's interior.

The device can reduce the relative humidity of a room to approx. 30 %.

At a room temperature of 15 °C, the devices emit 1.6 to 3 times of their power consumption to the room air in form of heat (see chapter Technical data, COP). Because of the heat dissipation, which develops during operation, the room temperature can therefore rise by approx. 1 to 3 °C.

We recommend a humidity level of approx. 55 %. At this level most people perceive the climate in pool and wellness areas as agreeable.

In public swimming pools a fresh air supply is officially required, please observe the respective legal standards and regulations.

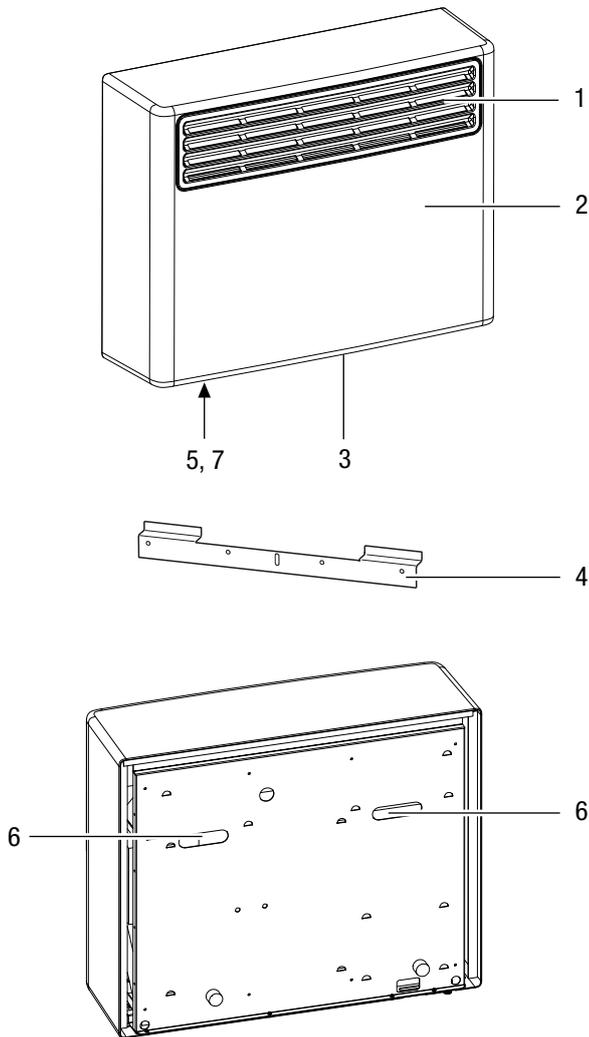
Fresh air may be supplied from outside by discharging the room air to the outside using a fan. This generates a slight negative pressure in the room. The vacuum leads to dry air streaming out of the surrounding areas / fresh air flowing into the room from outside. The dry air reduces the dehumidification demand and the fresh air increases the climate comfort in the room.

Note

If your swimming pool is filled with thermal water, a fresh air supply amounting to 10 % of the air volume is absolutely imperative in order to avoid damage to the dehumidifier.

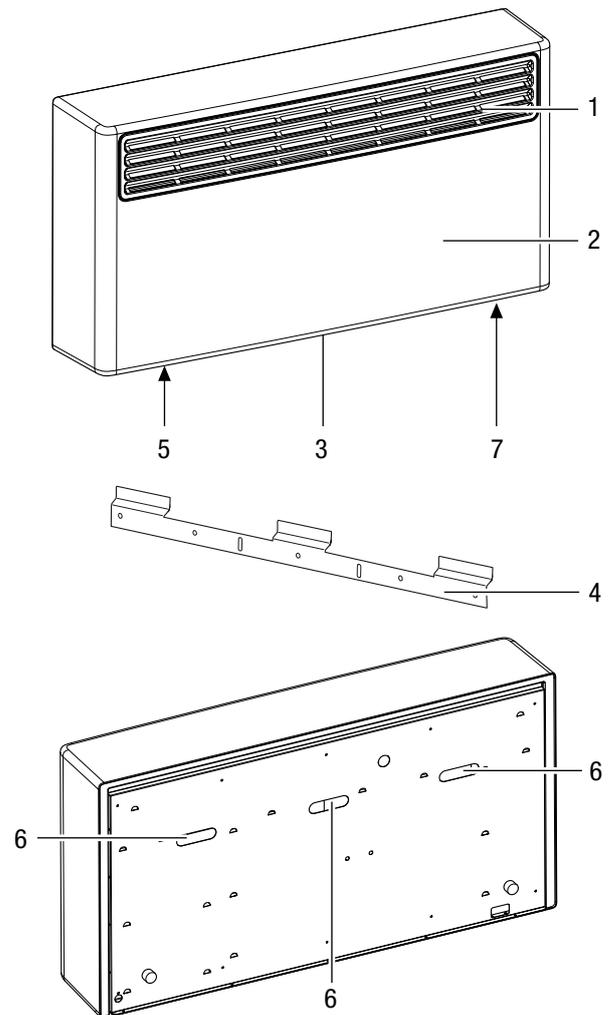
Device depiction

DS 30



No.	Designation
1	Air outlet
2	Housing
3	Air inlet
4	Wall holder
5	Connection for condensation drain hose (inside the device)
6	Suspension
7	Control dial (tamper-proof installation inside the device)

DS 60



No.	Designation
1	Air outlet
2	Housing
3	Air inlet
4	Wall holder
5	Connection for condensation drain hose (inside the device)
6	Suspension
7	Control dial (tamper-proof installation inside the device)

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

Always utilize the help of another person to transport and assemble the DS 30. Always utilize the help of two other persons to transport and assemble the DS 60. Do not try to transport or assemble the device without the help of another person. To lift the device, use a forklift or an elevating truck as appropriate.

Before transporting the device, observe the following:

- Hold onto the mains plug while pulling the power cable out of the mains socket.
- Drain the remaining condensate from the device.
- Do not use the power cable to drag the device.

After transporting the device, proceed as follows:

- 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, observe the following:

- Drain the remaining condensate from the device.
- 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
- 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 Wall holder
- 1 x Condensation drain hose, outer diameter: 12 mm, length: 400 mm
- 1 x Manual

Unpacking the device

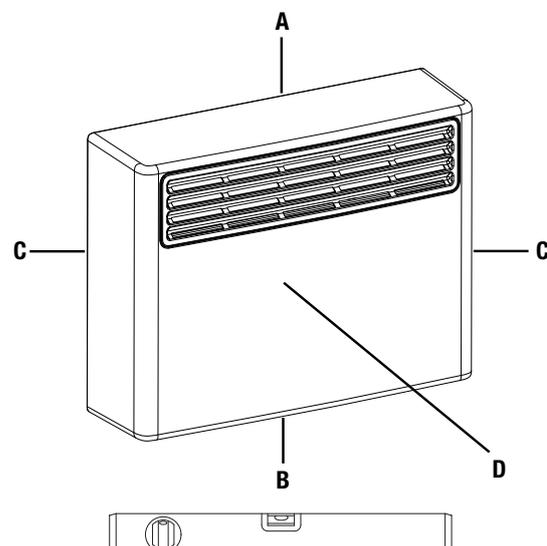
1. Open the cardboard box and take the device out.
2. Completely remove the packaging.
3. Fully unwind the power cable. Make sure that the power cable is not damaged and that you do not damage it during unwinding.

Assembly

Always utilize the help of another person to transport and assemble the DS 30. Always utilize the help of two other persons to transport and assemble the DS 60. Do not try to transport or assemble the device without the help of another person. To lift the device, use a forklift or an elevating truck as appropriate.

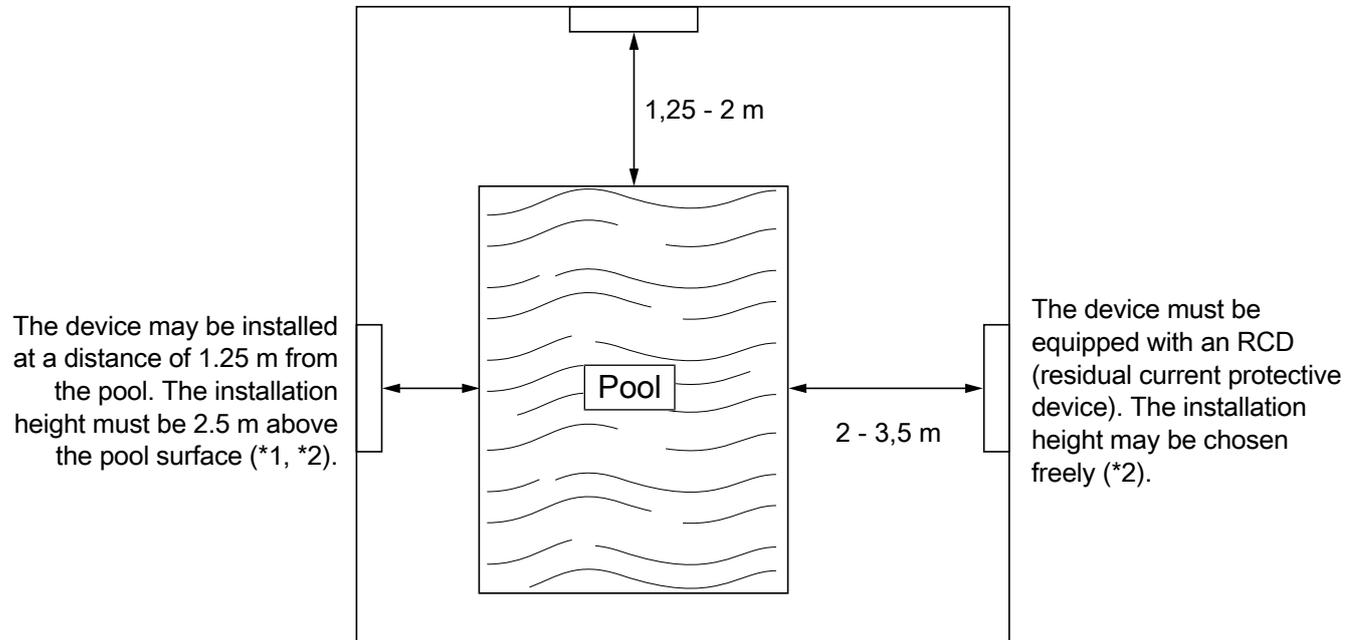
Observe the following instructions:

- When assembling the device, keep a sufficient distance to heat sources.
- When assembling the device, especially in wet areas, secure the device locally with an RCD (Residual Current protective Device) which complies with the relevant regulations.
- Make sure that extension cables are unrolled completely.
- Insert the mains plug into a properly secured mains socket.
- When assembling the device, observe the minimum distance from adjacent walls or other objects as described in the Technical Data chapter.



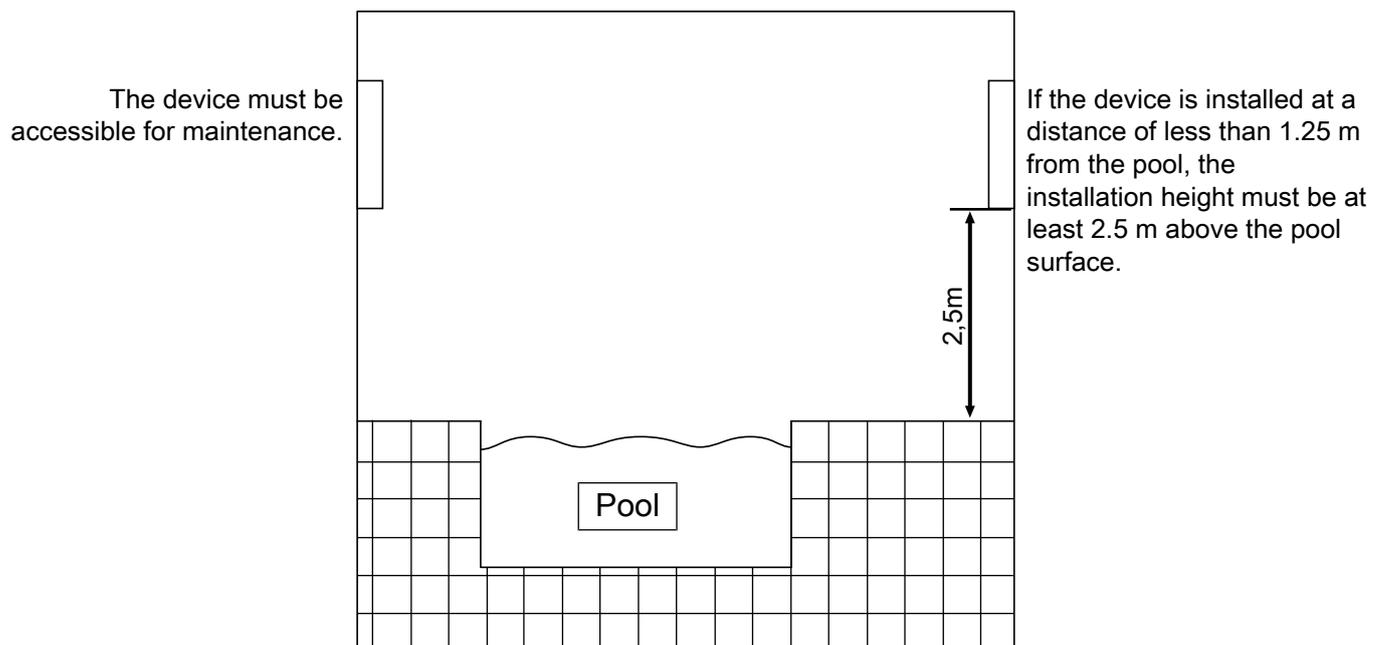
Installation instructions

The device must be equipped with an RCD (residual current protective device) and installed at a height of at least 300 mm above the ground (*2).



*1: The use of a residual current protective device is not mandatory, but recommended for all devices. Nominal current = 30 mA.

*2: The circuit breaker for the device must correspond to the IPX regulations.

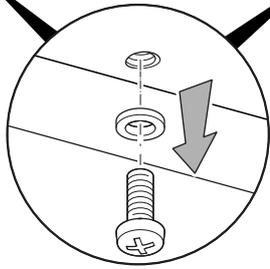
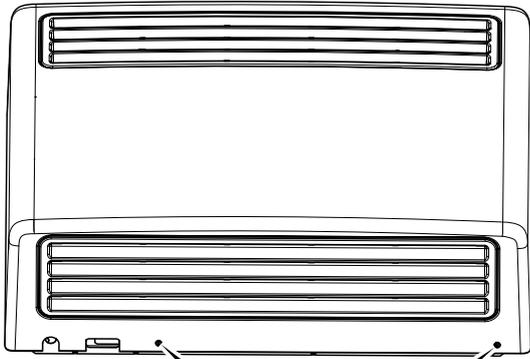


Assemble the device as follows:

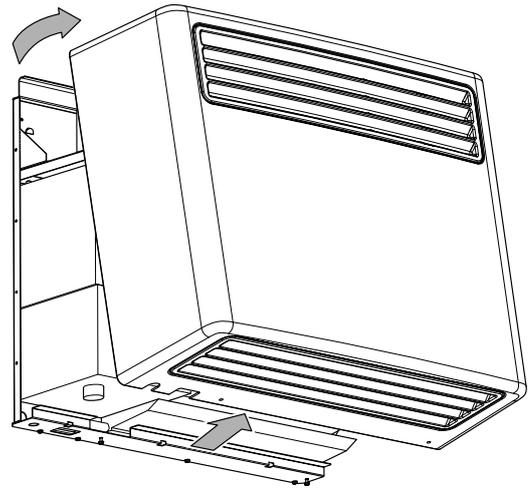
Select screw and wall plug sizes suitable for the weight of the device (see technical data) and the structure of the wall.

1. The table or floor on which you should now unpack the device must be clean.
2. Open the screw connection at the housing.

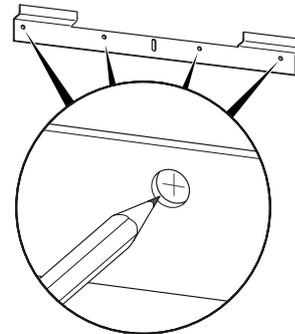
DS 30



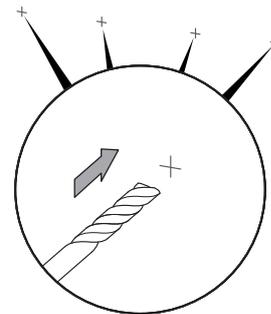
3. Remove the housing.



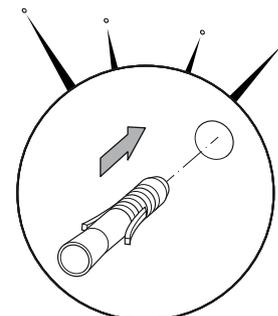
4. Mark the position for the bore holes.



5. Drill the holes into the wall.



6. Insert suitable wall plugs into the drill holes.



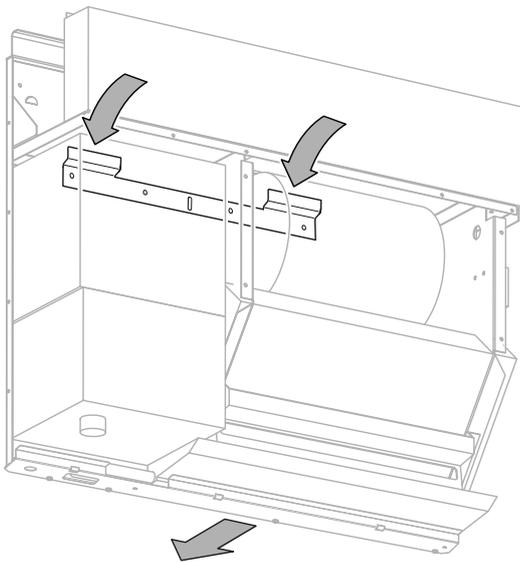
7. Fasten the wall holder in place.



Info

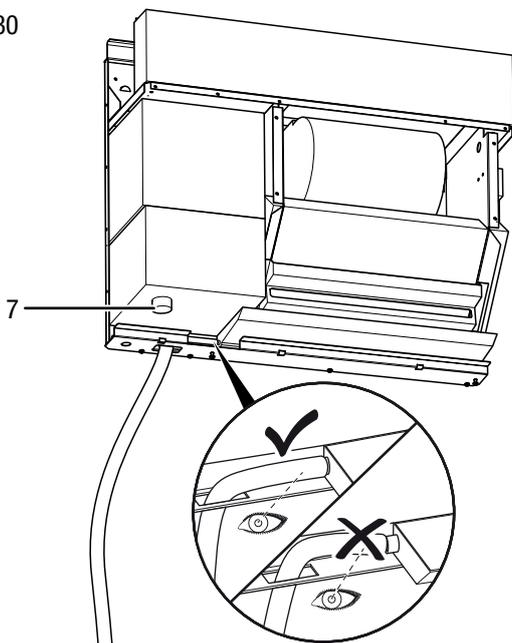
The principle of hanging up the DS 60 is the same as for the DS 30. But the DS 60 comes with a longer suspension rail. The following steps will be illustrated by using the DS 30 as example.

8. Suspend the device from the wall holder by means of the mounting brackets. Utilize the help of one or two other persons as well as suitable lifting gear to do so.

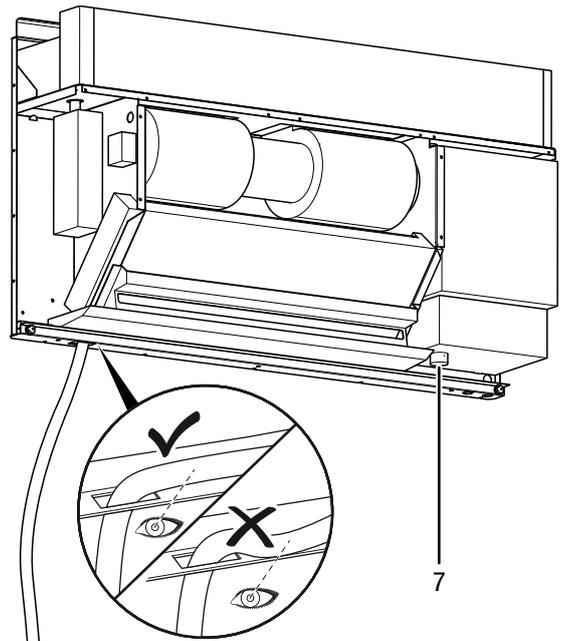


9. Check whether the condensation drain hose is positioned correctly. The condensation drain hose must not be kinked.

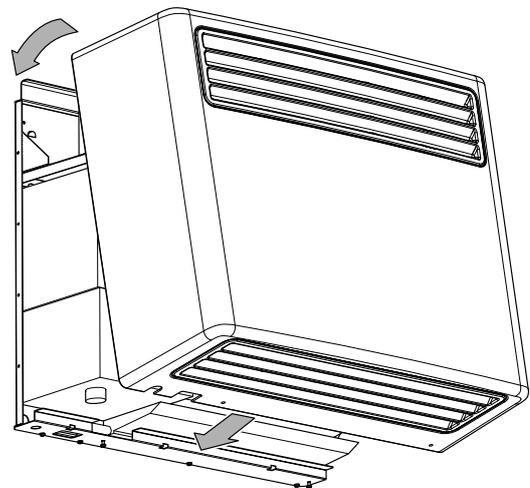
DS 30



DS 60



10. Use the *MODE* button (8) to select the desired operating mode (see chapter Setting the operating mode).
 11. Set the control dial (7) to the desired humidity level (see chapter Regulating the room humidity level).
 12. Put the housing back on the device.



13. Fasten the housing to the device.

Connecting the power cable

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

Operation

- Once the device has been switched on, the drying function works fully automatically.
- To make sure that the built-in sensor can determine the humidity correctly and that the room air is permanently filtered, the fan continues to operate until the device is switched off.
- Avoid open doors and windows.

Notes regarding the dehumidification performance

The dehumidification performance depends on:

- the layout of the room
- the room temperature
- the relative humidity

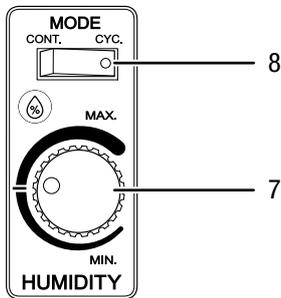
The higher the room temperature and relative humidity, the greater the dehumidification performance.

Operating elements



Info

You can access the operating elements by removing the housing, see chapter Assembly. The control panel of the DS 30 is located on the left-hand side, in case of the DS 60 it can be found on the right.



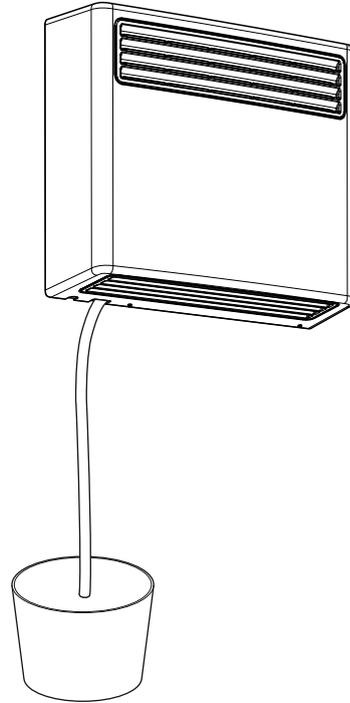
No.	Designation	Meaning
7	Control dial	For setting the desired humidity level
8	MODE button	For setting the desired operating mode: CONT. = fan runs permanently. CYC. = fan switches on and off along with the compressor.

Positioning the condensation drain hose

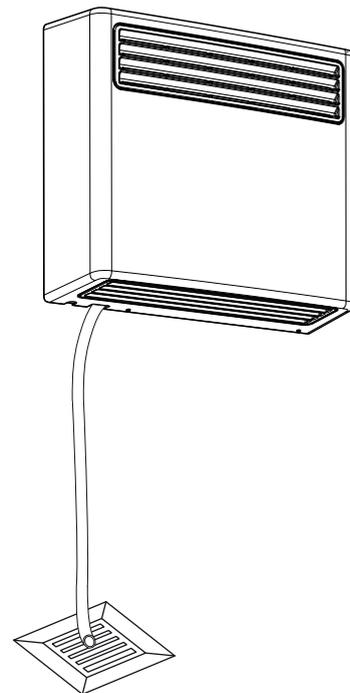
The condensation drain hose is already installed when the device is delivered.

1. Ensure that the condensation drain hose is properly connected to the device and is free of damage.

2. Depending on the application, position the end of the condensation drain hose as follows:
 - ⇒ Place a sufficiently dimensioned container (DS 30: at least 50 litres; DS 60: at least 90 litres) beside the device and insert the hose end. Check the filling level of the container regularly.



- ⇒ Position the end of the condensation drain hose near a water drain. For larger distances, a longer hose of the same type can also be used.



3. Regularly check the condensation drain hose for obstructions or kinks.

You can connect an extension as needed.

External condensate pump (optional)

The device can optionally be operated with an external condensate pump.

It can be obtained from Trotec as article number 6.100.000.019.

Switching the device on

1. Ensure that the condensation drain hose has been laid and connected properly. Do not create tripping hazards.
2. Ensure that the condensation drain hose is not bent or jammed and that there are no objects on the condensation drain hose.
3. Ensure that the condensation can run off properly.
4. Insert the mains plug into a properly secured mains socket.

Setting the operating mode

In CYCLE mode (*CYC.*) the fan switches off along with the compressor when the desired humidity level is reached.

In CONTINUOUS operation (*CONT.*) the fan keeps running continuously and so permanently circulates the air.

This makes the humidity measurement more accurate or faster.

Regulating the room humidity level

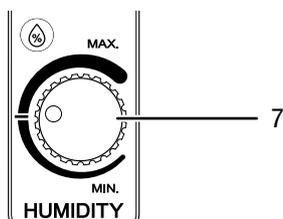


Info

You can access the operating elements by removing the housing, see chapter Assembly.

The control panel of the DS 30 is located on the left-hand side, in case of the DS 60 it can be found on the right.

1. Set the desired humidity level via the control dial (7).
2. Turn the control dial to the line marking the 9 o'clock position. After 2 days a humidity level between 50 and 55 % should be reached.
3. Then check the humidity level by means of a thermohygrometer. If the air is too dry (insufficient humidity level), turn the hygostat control approx. 1 cm to the left (counter-clockwise), if the air is too humid (excessive humidity), turn it approx. 1 cm to the right (clockwise).



4. Every time you have changed the hygostat setting wait for 2 days, then repeat the procedure until the desired humidity level is reached.

⇒ Upon reaching the desired humidity value, the compressor switches off automatically.

⇒ If the set humidity level is exceeded, the compressor will switch back on to dehumidify the room air once again.

Automatic defrost

If the room temperature is lower than 15 °C, the heat exchanger will freeze during dehumidification. The device will then carry out an automatic defrost. The duration of the defrost process can vary depending on the room temperature. The lower the temperatures, the longer the defrost period.

Dehumidification in the swimming pool

Indoor swimming pools and wellness areas offer a marvellous recreational and training environment, but the evaporation at the water surface poses a serious problem for the building structure. A prolonged influence of high humidity levels rapidly leads to the deterioration of both the building and the furniture.

Condensation in wellness area and indoor swimming pool

If this problem is ignored, condensed water can turn into a nightmare for an indoor swimming pool or wellness area. The evaporation at the water surface distinctly increases the moisture content of the air. Admittedly, the higher the humidity, the lower the evaporation at the water surface. But the high humidity level is also the basis for mould; and it can cause damage to the building stock – right up to its falling into ruins.

Consequences of uncontrolled humidity are:

- corrosion
- damage to the building stock
- a disagreeable room climate
- condensate formation
- steam
- mould and stains
- misting

In the past, the air was discharged by use of a ventilation system spending an unreasonable amount of energy to reduce the condensation in the swimming pool. Modern drying technology sees to new and more energy-efficient options.

Fresh air supply

In public swimming pools a fresh air supply is officially required, please observe the respective legal standards and regulations.

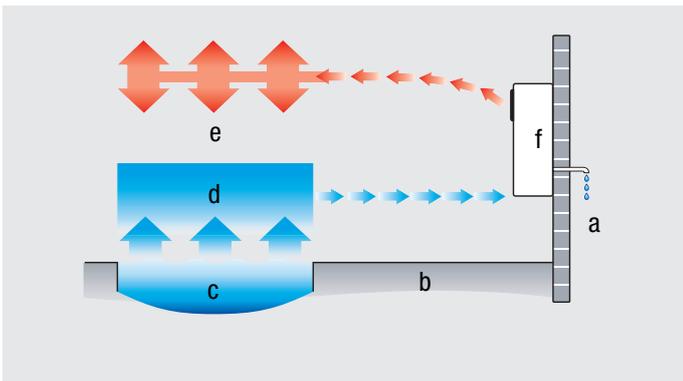
Fresh air may be supplied from outside by discharging the room air to the outside using a fan. This generates a slight negative pressure in the room. The vacuum leads to dry air streaming out of the surrounding areas / fresh air flowing into the room from outside. The dry air reduces the dehumidification demand and the fresh air increases the climate comfort in the room.

Note

If your swimming pool is filled with thermal water, a fresh air supply amounting to 10 % of the air volume is absolutely imperative in order to avoid damage to the dehumidifier.

Cost effectiveness

As standard the dehumidifiers of the DS series come equipped with internal heat recovery, thus automatically utilizing the released process heat for low-cost heating of the room air.



a	condensate discharge	d	warm, damp air
b	floor level	e	warm, dry air
c	pool water	f	pool dehumidifier DS series

Shutdown



Warning of electrical voltage

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

- Hold onto the mains plug while pulling the power cable out of the mains socket.
- Clean the device according to the Maintenance chapter.
- Store the device according to the Transport and 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.
- 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 humidity level at the hygrosat's control dial (7). The humidity in the room must be above the selected range. Reduce the desired humidity level by turning the control dial (7) to the right (clockwise).

The device is loud or vibrates:

- Check whether the device is mounted horizontally.
- Check the inside of the device for dirt. Clean the interior of the device if necessary.

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

- Check the air inlets for dirt. Remove external dirt.
- Check the inside of the device for dirt. Clean the interior of the device if necessary.

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.

Maintenance

Maintenance intervals

Maintenance and care interval	before every start-up	as needed	at least every 4 weeks	at least every 2 months	at least every 6 months	at least annually
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 for damage	X					X
Check the attachment screws		X				X
Test run						X
Empty the optional condensate pump, condensation tray and/or condenser dryer		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 for damage																
Check the attachment screws																
Check the optional condensate pump and tank, and clean if necessary																
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.

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



Warning of electrical voltage

Maintenance tasks at the electrical equipment or the air-conditioning technology must only be carried out by specialist companies for cooling and air-conditioning or by Trotec.

Cleaning the housing

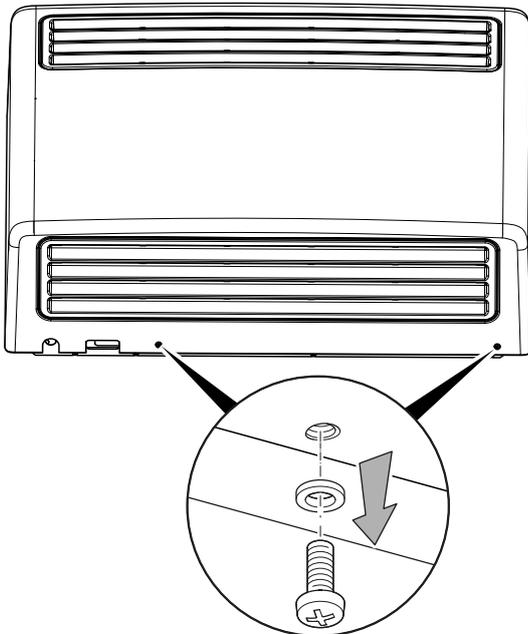
Clean the housing with a soft, damp and lint-free cloth. Make sure that no moisture enters the housing. Protect electrical components from moisture. Do not use any aggressive cleaning agents such as cleaning sprays, solvents, alcohol-based or abrasive cleaners to dampen the cloth.

Cleaning the inside of the device

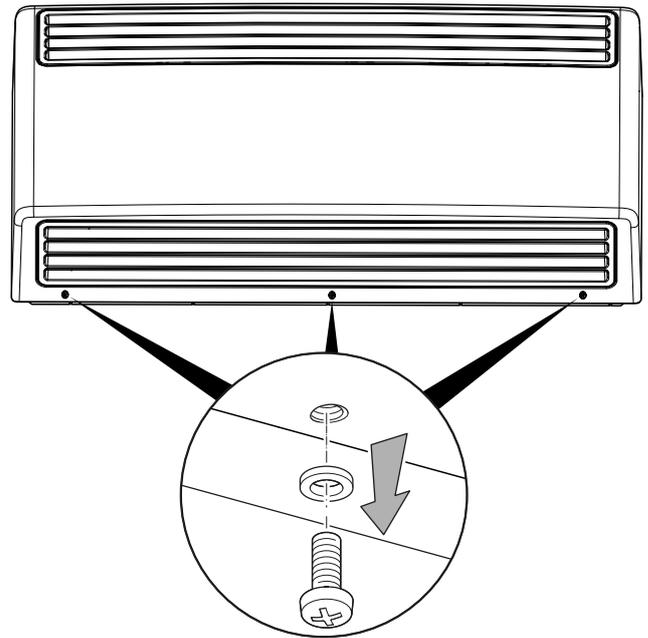
Pool dehumidifiers of the DS series are specifically designed for the surrounding conditions in indoor swimming pools. The used materials are resistant to air containing salt or chlorine. Nonetheless, inspect the condition of the device interior at regular intervals. Excessive concentrations of chlorine or salt can affect the internal components. For this reason, check the device interior at least once per year.

1. Open the screw connection at the housing.

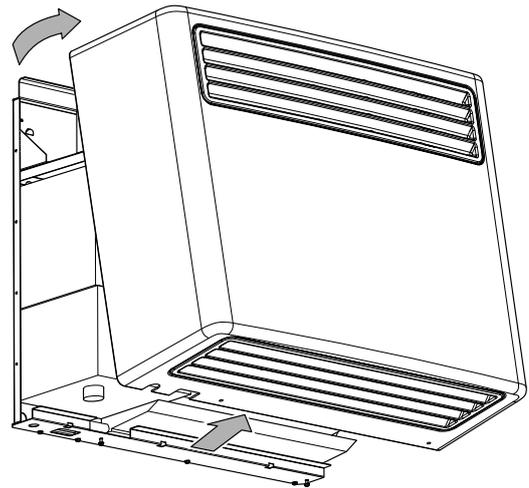
DS 30



DS 60

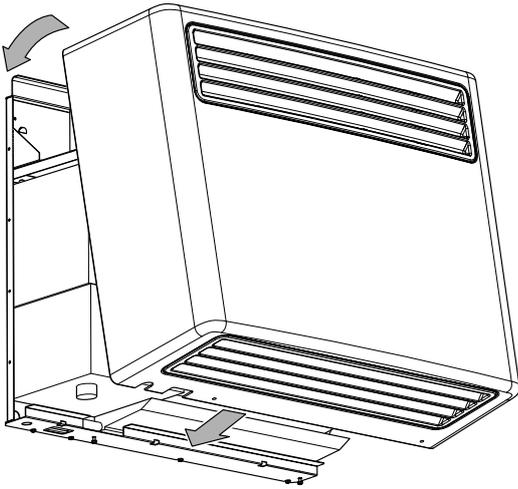


2. Remove the housing.



3. Remove heavy soiling on the inside of the device. If necessary, clean the interior of the device using compressed air or lukewarm soapsuds.

- Put the housing back on the device.



- Fasten the housing to the device.
- Plug the power cable back into the mains socket.

Refrigerant circuit

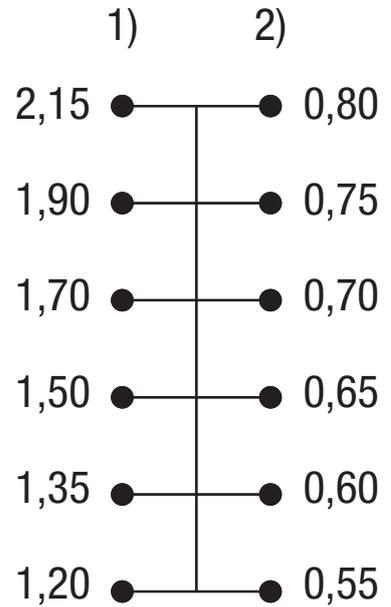
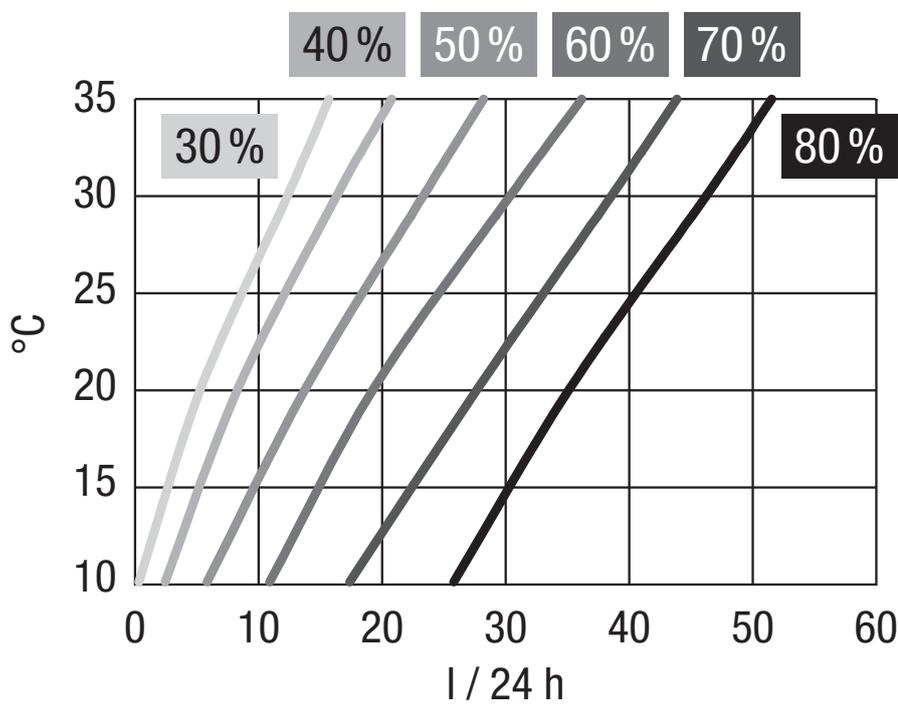
- The entire refrigerant circuit is a maintenance-free, hermetically sealed system and may only be maintained or repaired by specialist companies for cooling and air-conditioning or by Trotec.

Technical annex
Technical data

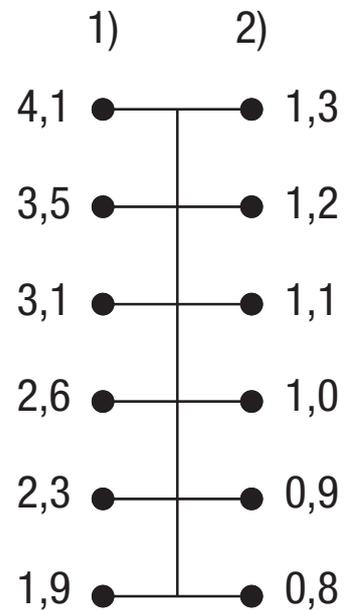
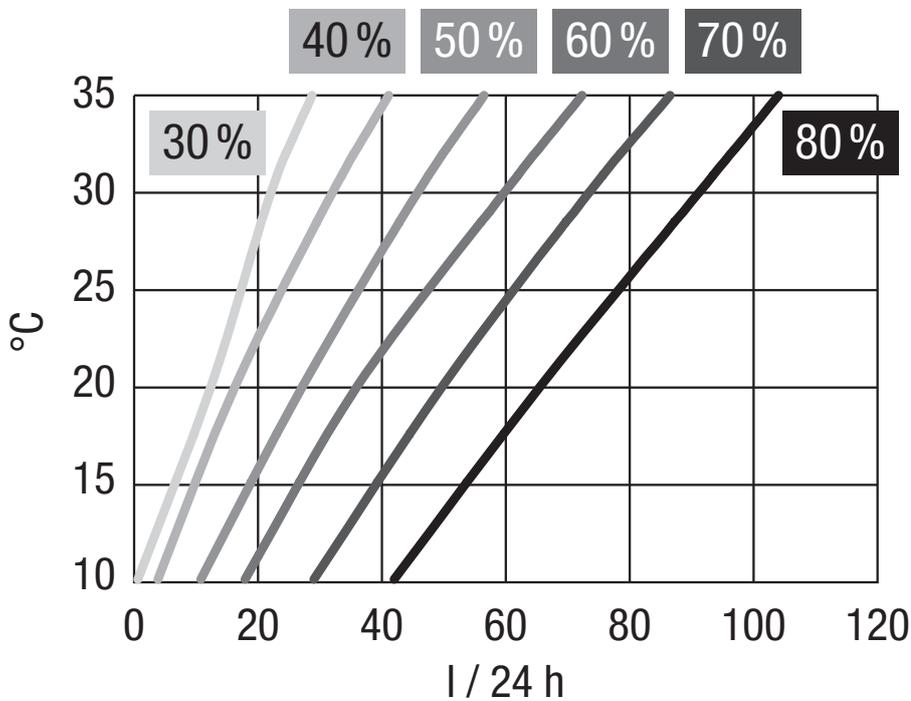
Parameter	Value	
Model	DS 30	DS 60
Dehumidification performance	see dehumidification diagrams	
Power supply	1/N/PE~ 230 V / 50 Hz	
Power cable	CEE 7/7 / l = 3.5 m	
Protection class	IP23	
Power input dehumidification	0.75 kW	1.2 kW
Power input ventilation	88 W	85 W
Nominal/peak current	4.4 A / 15.8 A	7.5 A / 30 A
Heat emission at 15 °C	1.35 kW	2.3 kW
Coefficient of performance (COP *)	2.5	2.9
Refrigerant	R-407C	R-407C
Amount of refrigerant	500 g	800 g
GWP (Global Warming Potential)	1,774	1,774
CO ₂ equivalent	0.887 t	1.419 t
Air volume (freely blowing)	700 m ³ /h	1,280 m ³ /h
Sound pressure level at a distance of 3 m	52 dB(A)	54 dB(A)
Operating range temperature	0 to 40 °C	0 to 40 °C
Setting range relative humidity	30 % to 60 % RH	
Max. permissible relative humidity	90 % RH	
Condensation drain hose	ø 12 mm (inside), l = 40 cm	
Weight	39 kg	60 kg
Dimensions (width x depth x height) incl. wall holder	787 x 280 x 690 mm	1,255 x 280 x 690 mm
Standard faceplate	plastic	
Minimum distance to walls or other objects:		
A: top:	20 cm	20 cm
B: bottom:	20 cm (see installation instructions)	20 cm (see installation instructions)
C: side:	20 cm	20 cm
D: front:	20 cm	20 cm
* The COP is the ratio of the generated cooling capacity or heat output to the electrical power input.		

Dehumidification chart

DS 30

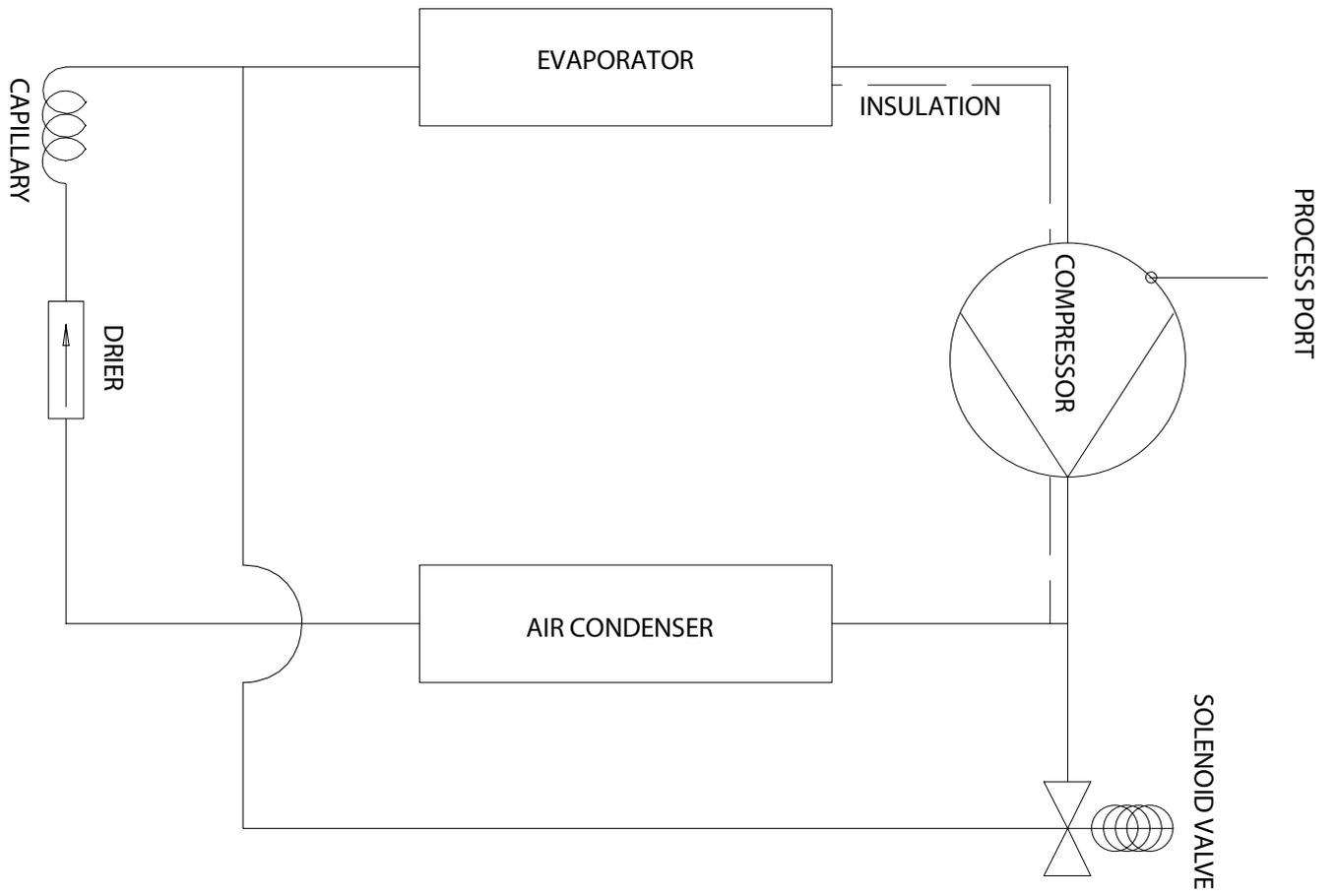


DS 60

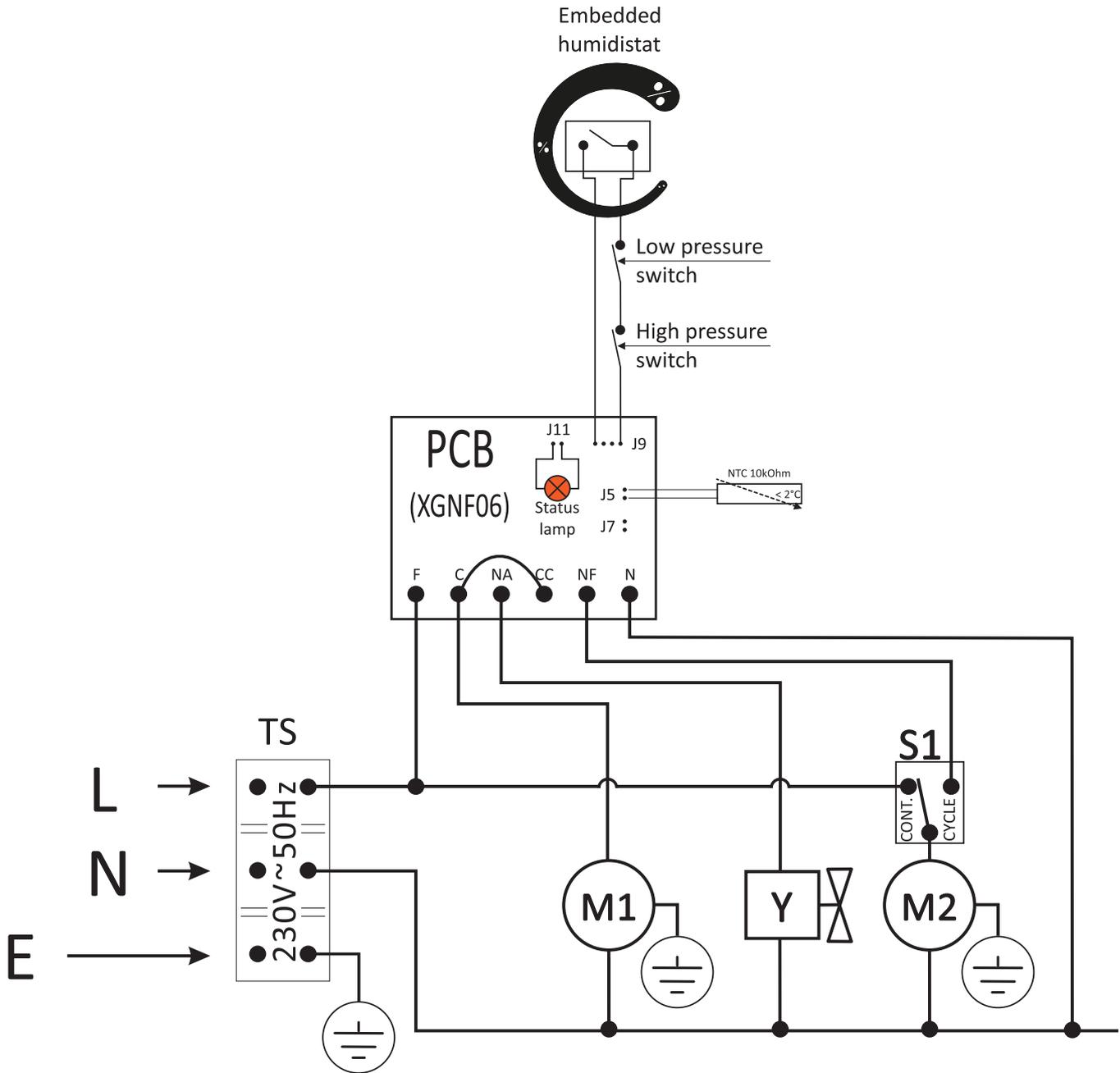


No.	Designation
1)	Heat emission in kW at 60 % RH
2)	Power input in kW at 60 % RH

Refrigerant circuit diagram DS 30 / DS 60



Wiring diagram DS 30 / DS 60



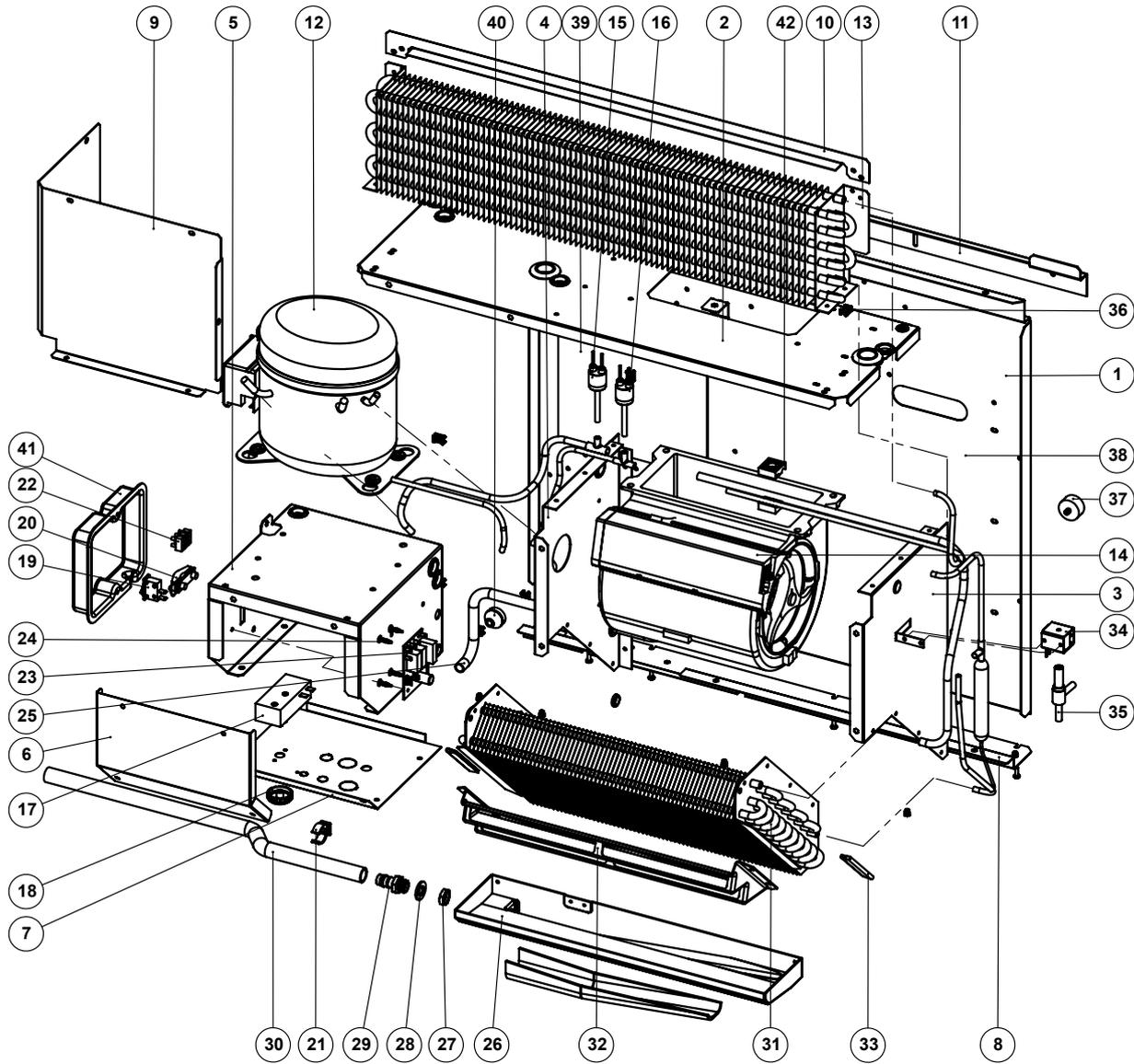
L	Linie / Außenleiter	M1	Compressor / Kompressor
N	Common line / Gemeinsame	M2	Fan motor / Lüftermotor
E	Earthing / Erdung	Y	Two way valve / Abtau-Magnetventil
TS	Terminal Strip / Euro-Klemmleisten	S1	Fan mode switch / Gebläsemodusshalter

Exploded assembly drawing DS 30

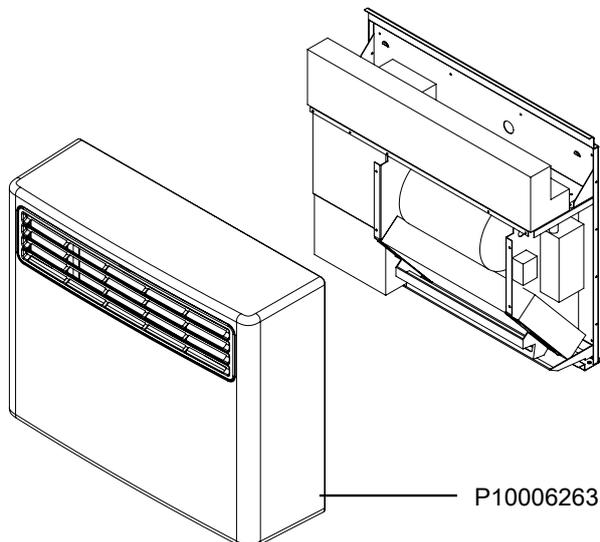


Info

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



Replacement cover DS 30



P10006263

Spare parts list DS 30

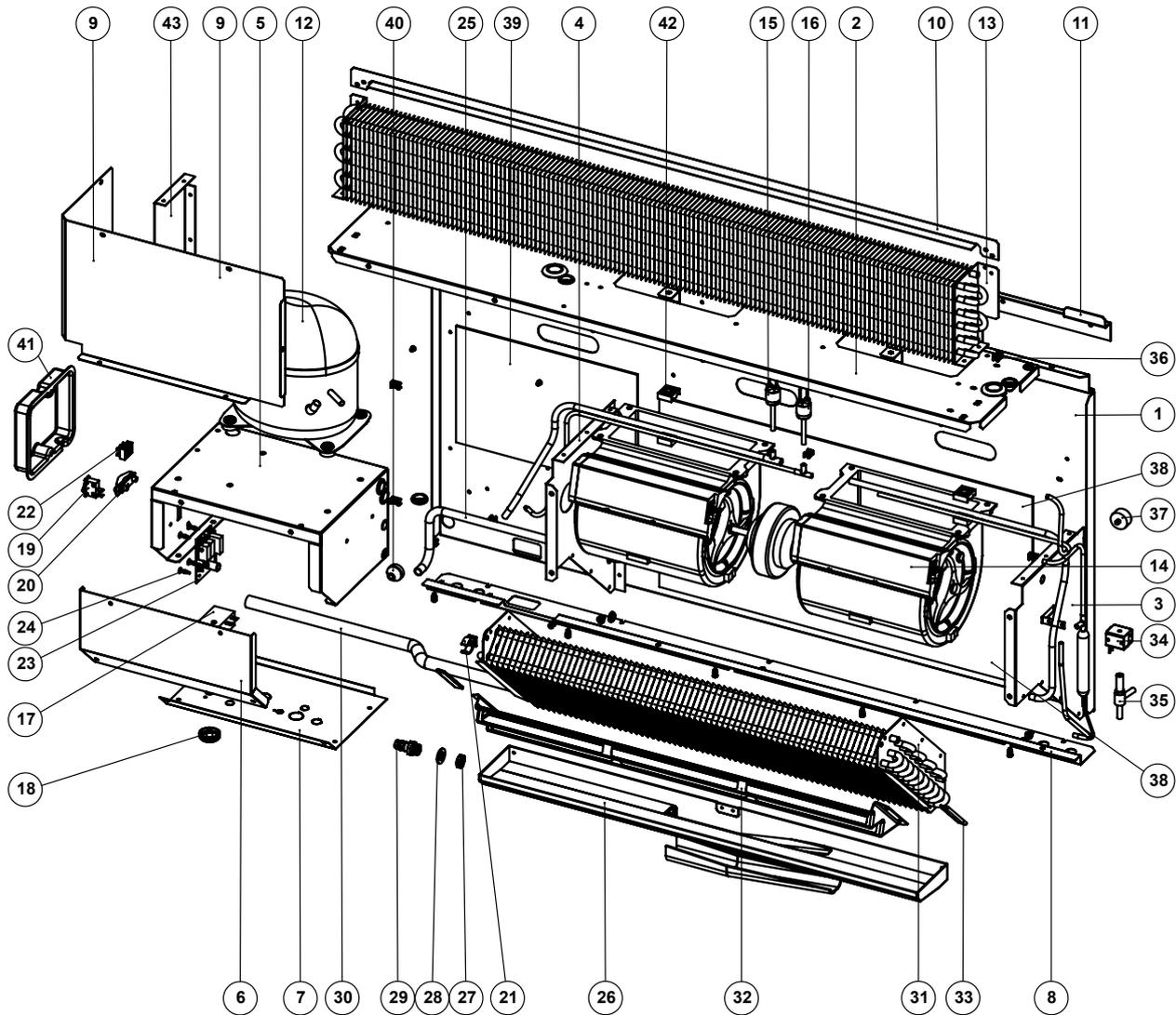
NO.	SPARE PART	QTY.	NO.	SPARE PART	QTY.
1	Struktural back	1	22	Terminal strip	1
2	Condensing coil base plate	1	23	Electronic controller	1
3	Right side panel	1	24	PCB spacer	4
4	Left side panel	1	25	Humidistat venting hose	1
5	Compressor base plate	1	26	Water pan	1
6	Control cover	1	27	Nut for hose fitting	1
7	Dashboard	1	28	Sealing washer	1
8	Bottom housing profile	1	29	Hose fitting	1
9	Compressor cover	1	30	Hosing	1
10	Condensing coil insulating profile	1	31	Evaporating coil	1
11	Wall bracket	1	32	Drops tray	1
12	Compressor	1	33	Edge profile	2
13	Condensing coil	1	34	Defrost valve coil	1
14	Fan	1	35	Defrost valve	1
15	Low pressure switch	1	36	Cable tie mount	8
16	High pressure switch	1	37	Adjustable wall spacer	2
17	Humidistat	1	38	Insulating foam	1
18	Humidistat knob	1	39	Acoustic insulating foam	1
19	Fan mode switch	1	40	Cable gland	1
20	Cable clamp	1	41	Power supply cover	1
21	Pipe clip	1	42	Copper tube bracket	2

Exploded assembly drawing DS 60

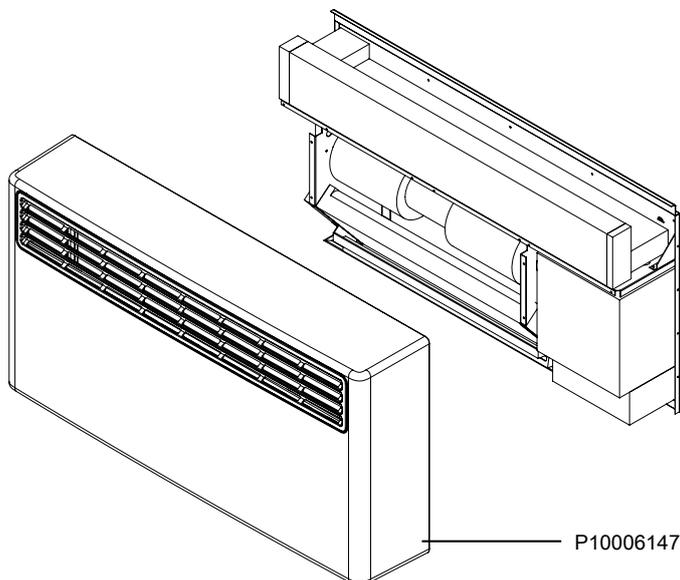


Info

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



Replacement cover DS 60



P10006147

Spare parts list DS 60

NO.	SPARE PART	QTY.	NO.	SPARE PART	QTY.
1	Strucktural back	1	23	Electronic controller	1
2	Condensing coil base plate	1	24	PCB spacer	4
3	Right side panel	1	25	Humidistat venting hose	1
4	Left side panel	1	26	Water pan	1
5	Compressor base plate	1	27	Nut for hose fitting	1
6	Control cover	1	28	Sealing washer	1
7	Dashboard	1	29	Hose fitting	1
8	Bottom housing profile	1	30	Hosing	1
9	Compressor cover	1	31	Evaporating coil	1
10	Condensing coil insulating profile	1	32	Drops tray	1
11	Wall bracket	1	33	Edge profile	2
12	Compressor	1	34	Defrost valve coil	1
13	Condensing coil	1	35	Defrost valve	1
14	Fan	1	36	Cable tie mount	12
15	Low pressure switch	1	37	Adjustable wall spacer	2
16	High pressure switch	1	38	Insulating foam	1
17	Humidistat	1	39	Acoustic insulating foam	1
18	Humidistat knob	1	40	Cable gland	1
19	Fan mode switch	1	41	Power supply cover	1
20	Cable clamp	1	42	Copper tube bracket	4
21	Pipe clip	1	43	Compressor strength support	1
22	Terminal strip	1			

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. You can also find out about other return options that apply for many EU countries on the website <https://hub.trotec.com/?id=45090>. Otherwise, please contact an official recycling centre for electronic and electrical equipment authorised for your country.

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=39576>.

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: DS 30
DS 60

Product type: pool dehumidifier

Year of manufacture as of: 2021

Relevant EU directives:

- 2002/44/EC: 25/06/2002
- 2014/30/EU: 29/03/2014
- 92/58/EEC: 24/06/1992

Applied harmonised standards:

- EN ISO 12100:2010
- EN ISO 13849-1:2015
- EN 60335-1:2012/A13:2017
- EN 842:1996+A1:2008

Applied national standards and technical specifications:

- None

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

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Phone: +49 2452 962-400
E-mail: info@trotec.de

Place and date of issue:

Heinsberg, 27.07.2016

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