

Under-door connector PlanoPT PlanoAC

EN

INSTRUCTION MANUAL

UNDER-DOOR
CONNECTION
FEEDTHROUGH

Table of contents

Information on the use of these instructions	1
Safety	2
Scope of delivery	3
Information about the device	3
Start-up	3
Decommissioning	4
Care and maintenance	4
Technical data	4
Disposal	4



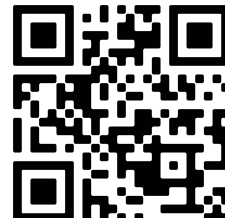
Follow the manual

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

You can download the current version of the instructions via the following link:



PlanoPT
PlanoAC



<https://www.danthermgroup.com/uk/products/dantherm-ac-7000>

Information on the use of these 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.

Notice

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.

Legal notice

This publication replaces all previous versions.

No part of this publication may be reproduced in any form or processed, copied or distributed using electronic systems without the written permission of Trotec GmbH. Subject to technical changes. All rights reserved. Product names are used without guarantee of free usability and essentially according to the spelling of the manufacturer. All product names are registered.

Subject to design changes in the interest of continuous product improvement as well as changes in shape and color.

The scope of delivery may differ from the product illustrations. This document has been prepared with due care. Trotec GmbH accepts no liability for any errors or omissions.

© Trotec GmbH

Warranty and liability

This device complies with the essential safety and health requirements of the applicable EU directives and has undergone multiple factory tests to ensure proper functionality.

The manufacturer accepts no liability for any damages resulting from failure to comply with the manufacturer's specifications, legal requirements, or from unauthorized modifications to the device. Any tampering with the device or unauthorized replacement of components can significantly impair the electrical safety of this product and will void the warranty. The manufacturer shall not be held liable for material or personal damage caused by improper use or use contrary to the instructions in this manual. Technical design and execution may be subject to change at any time without prior notice as part of continuous development and product improvement.

No liability will be accepted for damages resulting from improper use. Any warranty claims shall also be rendered void in such cases.

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.



Warnung

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 done by children without supervision.

- Do not use the under-door connector in potentially explosive rooms or areas and do not install it there.
- Do not use the under-door connector in an aggressive atmosphere.
- Set up the under-door connector in an upright and stable position.
- Let the under-door connector dry out after a damp clean.
- Do not operate it when wet.
- Do not operate or handle the under-door connector with wet or damp hands.
- Do not expose the under-door connector to directly squirting water.
- Do not cover or transport the under-door connector during operation.
- Do not sit under the under-door connector.
- This under-door connector is not a toy. Keep away from children and animals. Only use it under supervision.
- Observe the storage and operating conditions. Do not transport the under-door connector with connected cables.
- Only install the under-door connector on the devices intended for this purpose (see "Intended use").
- Ensure that the connecting cables are connected correctly. Connect all cables.
- In addition to these instructions, also read the instructions for your air conditioning system carefully.
- Never insert objects or limbs into the under-door connector.
- Check the device and connection parts for possible damage parts.
- Never disconnect hoses during operation.
- Ensure that all electric cables outside of the under-door connector are protected from damage (e.g. caused by animals). Never use the device if electric cables or the power connection are damaged!
- Do not operate the chambers with liquids under high pressure. The under-door connector is only suitable for operation with air conditioning systems.

Residual risks



Warning of electrical voltage

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



Warning

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



Warning

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



Warnung

In the event of a leak, liquids (containing antifreeze) can escape from this device. In such a case, take the underdoor connector out of operation.

Intended use

- The PlanoPT may only be used for under-door connection routing of the lines for the Trotec air conditioning units PT 4500 S, PT 6500 S, PT 15000 S, and PT 23000 S.
- The PlanoAC may only be used for under-door connection routing of the lines for the Dantherm air conditioning unit AC 7000.
- The device may only be operated with the fluids intended for this purpose.

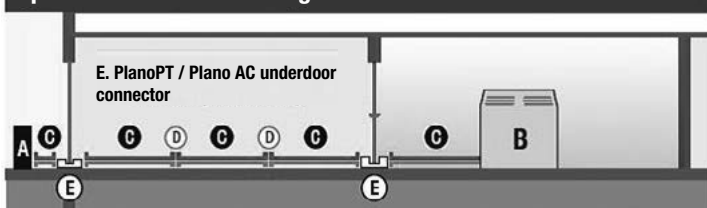
Reasonably foreseeable misuse

- The device must not be operated with liquids that are not specified in the operating manuals of the devices PT 4500 S, PT 6500 S, PT 15000 S, PT 23000 S, and AC 7000.

Scope of delivery

- 4 chambers for chilled water supply and return, condensate, and power
- 2 coupling pieces 1/4 Zoll
- 2 hose clamps
- self-adhesive felt gliders
- Instruction manual

Optional under-door routing with PlanoPT & PlanoAC:



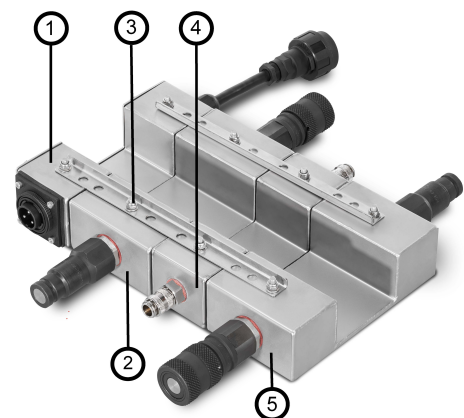
The underdoor connector allows the connection sets between water-cooled air conditioning units and their external heat exchangers to be installed quickly and efficiently – even under doors, with a total connection length of up to 30 meters

Information about the device

- The underdoor connector is an optional accessory for the water-cooled air conditioning units from Trotec and Dantherm.
- With the underdoor connector, you can route your air conditioner's connection lines underneath a door.
- The underdoor connector requires only a door gap greater than 5 mm. It is compatible with all water-cooled PT models and comes ready for use with all necessary connections on both sides.
- When using the underdoor connector, you can still open and close the door.
- For routing the lines, you will need 2 hose sets: one hose set from the air conditioner to the underdoor connector and another from the connector to the external unit. By using one or more underdoor connectors, you can install up to 30 meters of connection lines. The underdoor connector has no negative impact on the flow behavior in the lines.

Start-up

- Open the door under which you want to route the lines.
- Ensure that there is a sufficiently large door gap (at least 5 mm).
- If damage to the floor is a concern, you can attach the included felt gliders to the chambers. This will protect the floor from scratches. Please note that this will change the height of the chambers. Check that the chambers can still be slid under the door.
- Slide the underdoor connector under the door.
- Connect the hoses. Ensure that the quick-release couplings are fully engaged. If necessary, you can rotate the individual chambers. To do so, simply loosen the screws (4), rearrange the chambers, and re-tighten the screws.



- 1) Chamber for electrical connection feedthrough
- 2) Chamber for chilled water (either supply or return)
- 3) Mounting nut with rail for connecting the individual chambers
- 4) Chamber for condensate feedthrough
- 5) Chamber for chilled water (either supply or return)

- For the condensate hose, the set includes two coupling pieces. Slide a hose clamp onto each condensate hose. Please attach the hose to the coupling piece and secure the connection with the clamp.
- If the condensate hoses are equipped with a different coupling, remove it beforehand.
- Ensure that all couplings are tightly sealed. You can then turn on the air conditioning unit.
- If your hose set includes a separate grounding wire, you can attach the wire to the side of the chamber for the electrical connection (1) using the wing nut.



Technical Data

Article number	1.210.000.101 & 1.210.000.107
Weight	3,3 kg
Dimensions (LxWxH)	310 x 270 x 60 (mm)

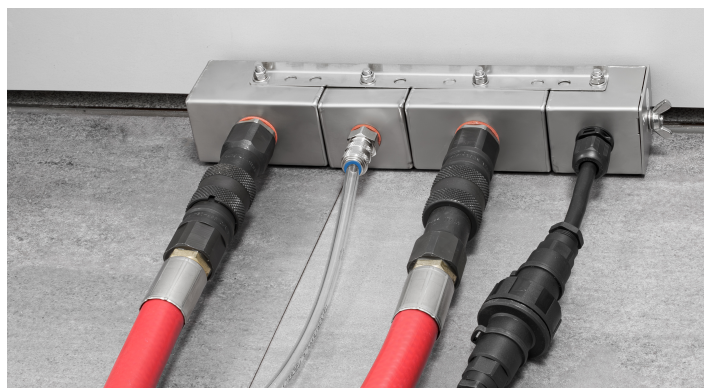
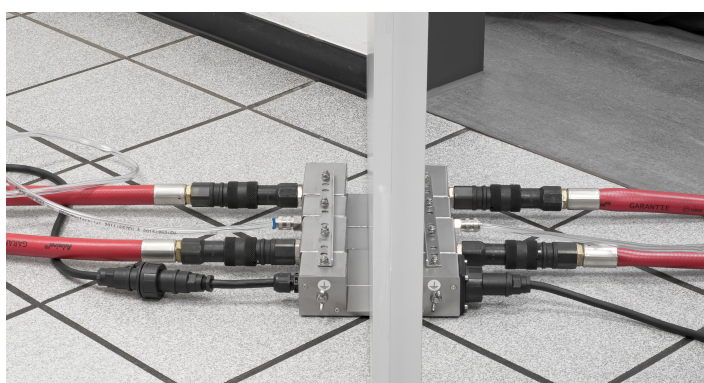
Disposal

Always dispose of packing materials in an environmentally friendly manner and in accordance with the applicable disposal regulations.

 The icon with the crossed-out wheeled bin indicates that this device and any associated components must not be disposed of with household waste at the end of their life, in accordance with the Waste Electrical and Electronic Equipment Directive (2012/19/EU) and national laws. 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. You are responsible for deleting any personal data on the device to be disposed of.

Only for United Kingdom

According to Waste Electrical and Electronic Equipment Regulations 2013 (SI 2013/3113) (as amended) devices that are no longer usable must be collected separately and disposed of in an environmentally friendly manner.



Decommissioning

- Turn off the air conditioning unit.
- Disconnect the hoses.

Notice

When you disconnect the hoses, some liquid may remain in the chambers. All coupling pieces are equipped with check valves, so no further liquid can escape from here.

Care and maintenance

- Before each use, check the underdoor connector for any possible damage.
- Ensure that neither the coupling pieces nor the door connection itself are dirty or clogged. Dirt under the chambers can damage the floor (scratches, etc.) when the door is opened.
- If floor damage is a concern, you can attach the included felt pads under the chambers. This will protect the floor from scratches. Please note that this will change the height of the chambers. Make sure the chambers can still be slid under the door.
- The felt pads can be replaced with commercially available felt pads if they wear out from use.
- Do not use defective device parts.

Trotec GmbH

Grebbeener Str. 7
D-52525 Heinsberg

📞 +49 2452 962-400

📠 +49 2452 962-200

info@trotec.com

www.trotec.com