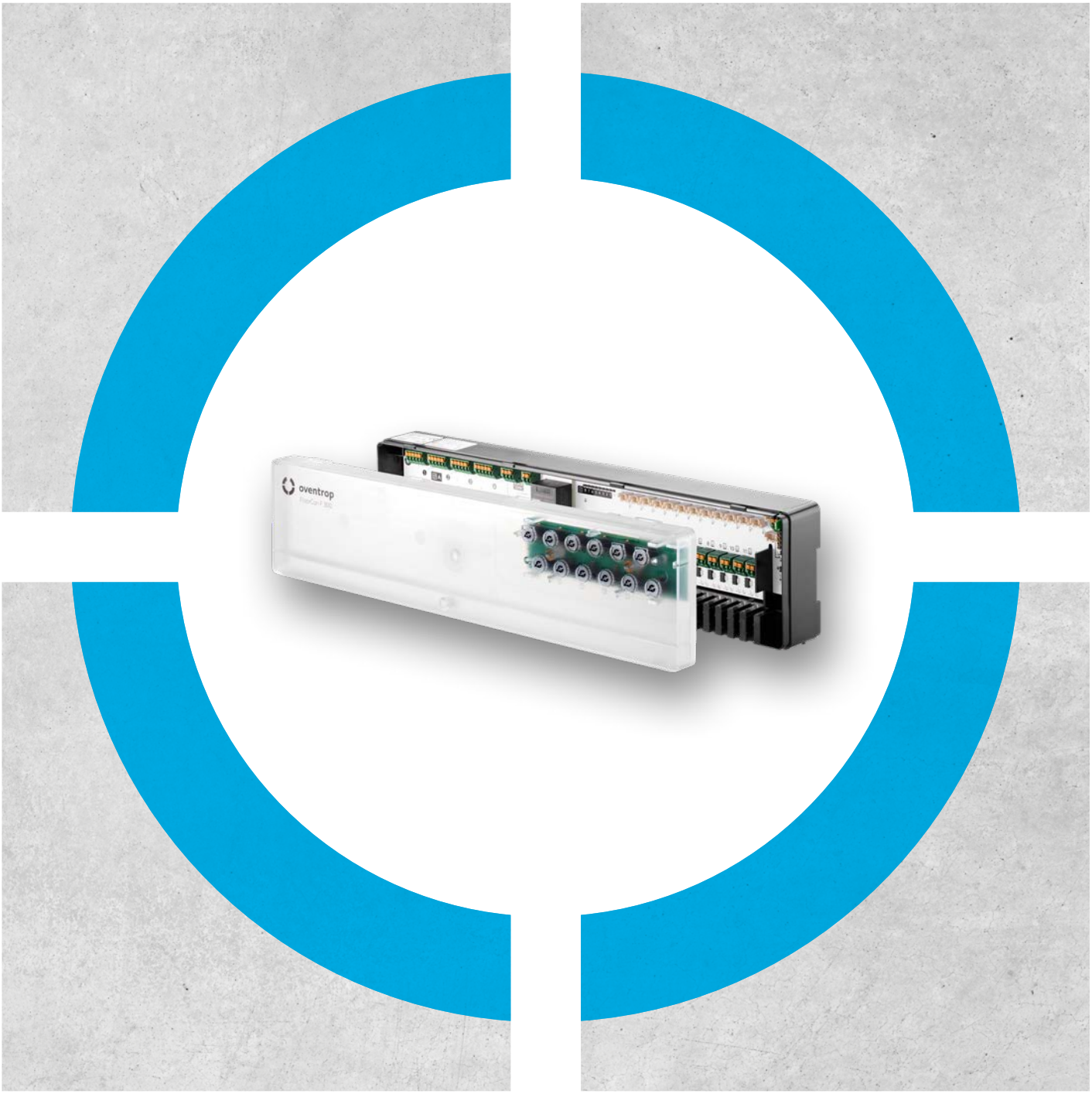
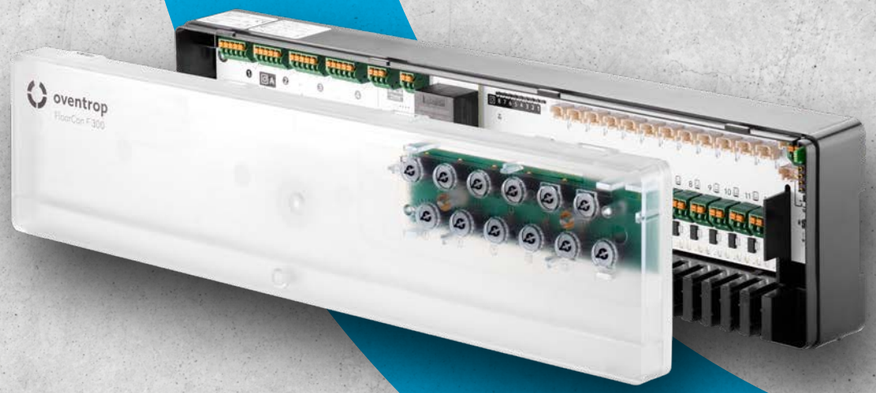


FloorCon Connecting Block

Simple control of surface heating and cooling

oventrop



Hydronic balancing? Thermally adaptively controlled. With FloorCon.

Wire up, switch on, done – you can now put surface heating and cooling systems into operation quickly and easily. Our **FloorCon** carries out hydronic balancing without having to adjust the system manually.

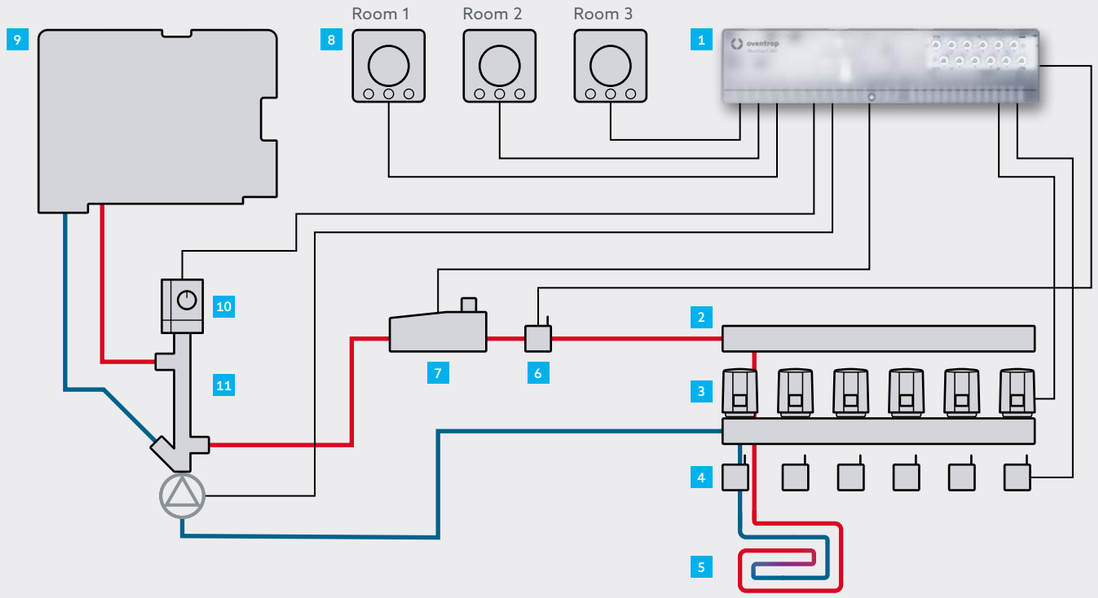
You can rely on ***consistently high efficiency*** because hydronic balancing constantly optimises itself during normal operation. A demand-led flow temperature control provides additional efficiency. The **FloorCon** is particularly suitable for use with our **Regudis W-HTE** dwelling stations.

Our **FloorCon** offers you a safe and efficient solution for the installation of surface heating and cooling systems in small and medium-sized residential buildings. We take care of the planning for you with our ***planning and project support*** – so you can focus on installations. And you can be sure that every thing fits.

YOUR BENEFITS AT A GLANCE

+ ***Quick, easy and safe*** commissioning: full hydronic balancing without manual adjustment
+ ***Cost-saving:*** use of low-cost thermal actuators
+ ***Existing room thermostats*** can be used during refurbishment
+ ***High efficiency:*** constantly optimising balancing and thermal adaptive flow temperature control, ideal for use with our **Regudis W-HTE** dwelling stations
+ ***Free channel assignment*** with **FloorCon F 300**, for example for pre-assembly or unusual heating circuit configurations

Wire up, switch on, done.
With FloorCon.



1 **FloorCon F 300 / F 200**
2 Heating circuit manifold
3 **Aktor T 2P**
4 Heating circuit temperature sensor
5 Surface heating
6 Flow temperature sensor
7 Temperature monitor
8 Room thermostats
9 **Regudis W-HTE**
10 **Aktor VLT**
11 Flow temperature control module

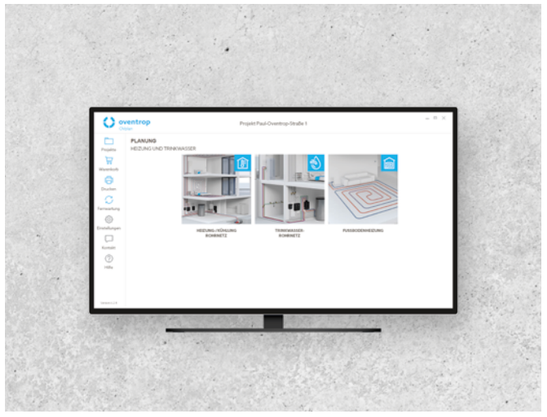
Clean design?
Supported by us.

YOU WANT TO DESIGN SYSTEMS WITH THE FLOORCON?

It's very easy with our **OVplan** planning software. If you want, we can do the design for you – just contact us.

+49 2962 82100
plan@oventrop.de

For further information and our current regional offers, please contact your local Oventrop contact person directly.



Our new FloorCon connecting blocks.
With accessories.

FloorCon F 300

FloorCon F 200

FLOORCON F 300 / F 200
Item no. 1400985 / 1400984

- + ***Thermal adaptive hydronic balancing***
- + Connection of up to ***eight room thermostats*** to up to ***twelve heating circuits*** or actuators
- + Up to two groups with ***own time programme***
- + ***Change-Over*** for switching between heating and cooling mode can be connected
- + ***Connection*** for pump, temperature monitor and dew point monitor
- + ***Potential-free*** contact
- + Optional ***thermal adaptive flow temperature control*** with **Aktor VLT**
- + ***Subsequent, free heating circuit assignment*** of the room thermostats (FloorCon F 300)

Find out more at
floorcon.oventrop.com

FloorCon F Accessories

AKTOR VLT
Item no. 1029085

- For thermal adaptive flow temperature control
- Maximum flow temperature can be preset from 20 °C to 55 °C

TEMPERATURE MONITOR
Item no. 1143000

- For limiting the maximum flow temperature
- Limit temperature can be preset from 20 °C to 90°C

RETURN TEMPERATURE SENSOR
Item no. 1029094 (0,85 m)
Item no. 1029095 (2,1 m)

- One required for each heating circuit
- With clip for quick and safe attachment to the pipe
- 0.85 m for manifold cabinets or 2.1 m for dwelling stations

Bro_FloorCon_9999625_EN_2025_01
Technical modifications reserved.

Room climate

Hydronics

Stations

Potable water

Oil

Smart Home,
Smart Building

Oventrop is the partner for efficient heating, cooling and clean potable water. The modular systems and services offer pioneering solutions which all HVAC experts use to work with – easily and flexibly – from planning to installation, from industry to trade. As a family business, Oventrop accompanies all its partners over many years – competently and personally.

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Wir regeln das. Seit 1851.

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