

### Tender specification:

The “Floorbox UH/UV” serves to connect each dwelling to surface heating systems with suitable flow temperatures without distributor/collector and without electrical installations. It is used in combination with the individual room temperature control systems “Unibox”.

Standard heat meters with flat sealing body can subsequently be installed in the return pipe.

The “Floorbox U” is pre-assembled in a cabinet.

### “Floorbox UH”

**Item no.:** 1022668

Lateral connection consisting of:

for the supply:

- Ball valve G 1 with temperature sensor connection M 10 x 1, venting and flushing valve, pipe elbow and connection fitting

for the return:

- Ball valve G 1 with coupling
- Meter stool piece with reducers
- Double regulating and commissioning valve “Hycococon VTZ” with angle pattern fitting, venting and flushing valve and connection fitting
- 4 flat seals for G 1 connections

### “Floorbox UV”

**Item no.:** 1022669

Lower connection consisting of:

for the supply:

- Ball valve G 1 with temperature sensor connection M 10 x 1, venting and flushing valve, pipe elbow with connection fitting

for the return:

- Ball valve G 1 with coupling
- Meter stool piece with reducers
- Double regulating and commissioning valve “Hycococon VTZ” with angle pattern fitting, venting and flushing valve
- Pipe with connection fitting
- 4 flat seals for G 1 connections

### Technical data:

Max. operating temperature: 100 °C

Max. operating pressure : 10 bar

Max. differential pressure: 1 bar

$k_{VS}$  value: 6.6 m<sup>3</sup>/h  
(the  $k_v$  value of the double regulating and commissioning valve “Hycococon VTZ” must also be taken into account)

### Application:

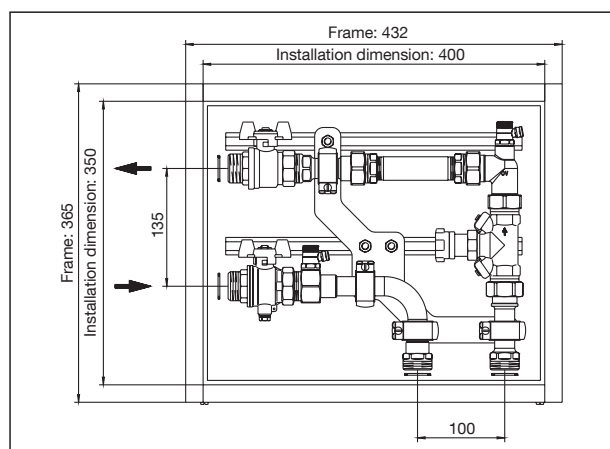
The “Floorbox UH/UV” serves to connect each dwelling to the surface heating system together with the installation sets “Unibox”. Connection to the “Floorbox U” can be carried out laterally or vertically from below. Standard heat meters with flat sealing body with a length of 110 mm and G ¾ male thread or with a length of 130 mm and G 1 male thread can subsequently be installed in the return pipe.

### Function:

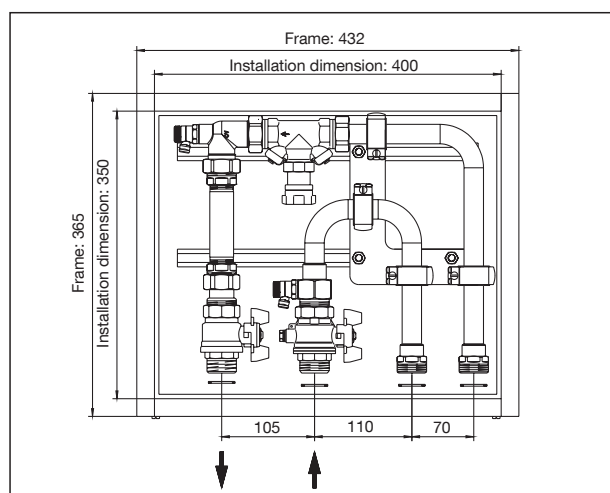
The “Floorbox UH/UV” is a central device for the isolation, regulation and measurement of heat consumption of each dwelling. Hydronic balancing is carried out with the help of the double regulating and commissioning valve “Hycococon VTZ”. When installing a heat meter, its installation depth (measure T1) has to be taken into account and the frame has to be pulled out accordingly. The venting and flushing valve in the supply and the return pipe can be used to bleed the system.

Subject to technical modifications without notice.

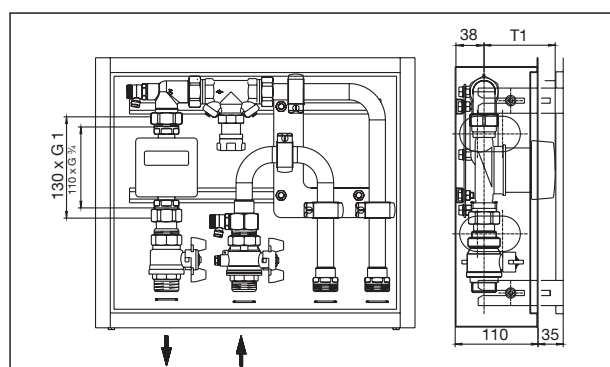
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Edition 2017



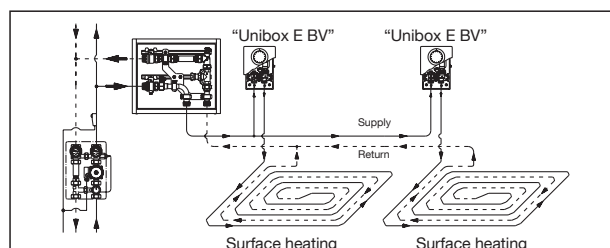
Dimensions “Floorbox UH”, horizontal riser connection



Dimensions “Floorbox UV”, vertical riser connection



Installation depth “Floorbox U”



System illustration