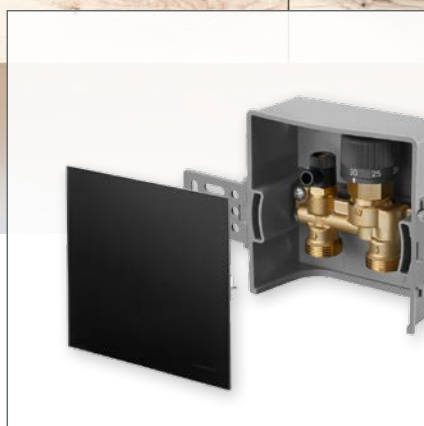
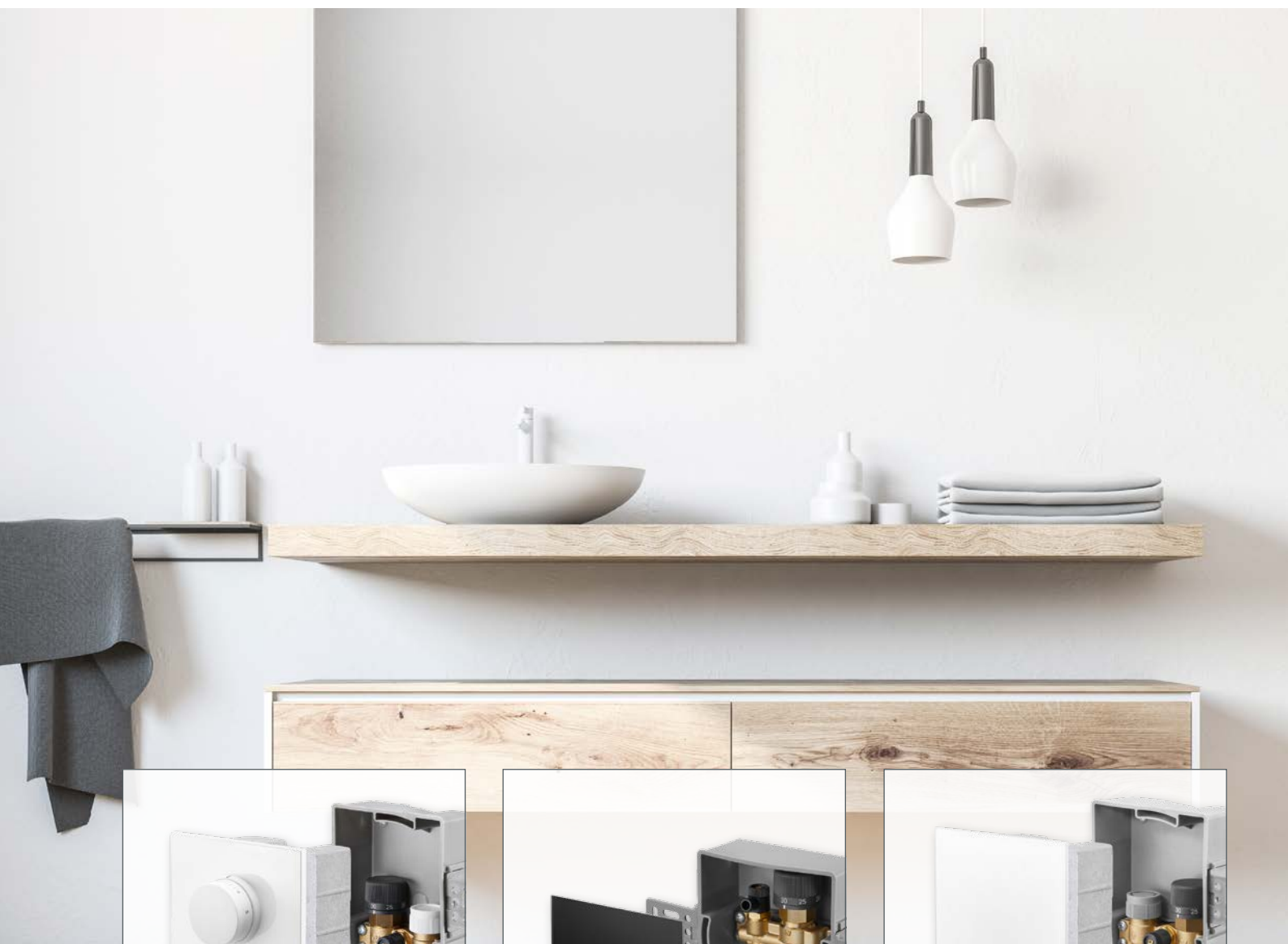


oventrop

Room climate

“Unibox” Individual room temperature control and return temperature limitation in surface heating systems





Being an energy- and cost-saving heating system requiring less space than radiators, surface heating systems are often installed in new buildings or for refurbishment purposes. The system provides high comfort and a high quality of living.

The installation sets “Unibox” allow for an individual room temperature control with the help of a thermostatic valve, for temperature limitation of heating surfaces with the help of a return temperature limiter or a combination of both.

With the new high quality cover made of genuine glass, available in black and white, the “Unibox” is a real eyecatcher.

The puristic sovereign design of the “Unibox” finds its functional completion in the wireless control via the optional wireless thermostat “R-Tronic”.

The new “Unibox” is backward compatible. Existing “exclusive” “Unibox” installation sets can be easily upgraded with the new design cover.

The special construction of the cover allows for tolerances during installation of the “Unibox” to be perfectly balanced out optically. The “Unibox” is thus a functionally and aesthetically sustainable installation.

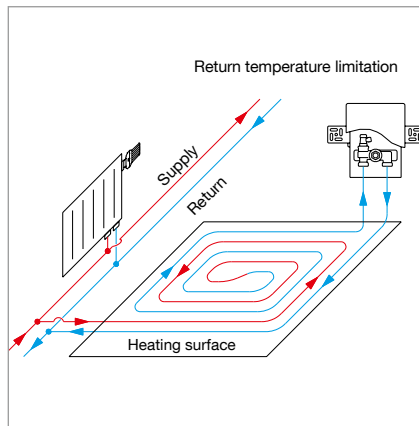


Puristic design in genuine glass

Advantages



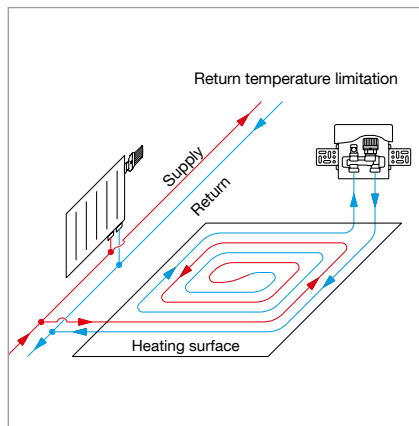
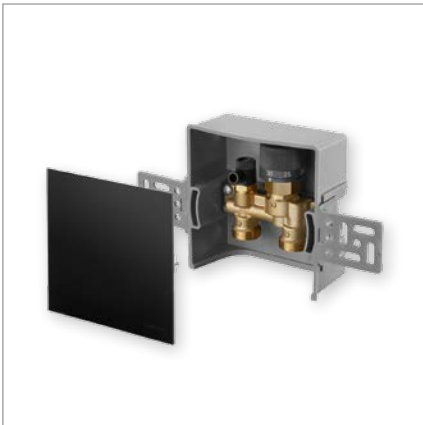
- high quality cover made of genuine glass
- optional wireless control via wireless thermostat “R-Tronic”
- cover with tolerance compensation for perfect positioning
- existing “exclusive” “Unibox” installation sets can be upgraded with the new design cover



“Unibox RTL”

for return temperature limitation of heating surfaces with return temperature limiter

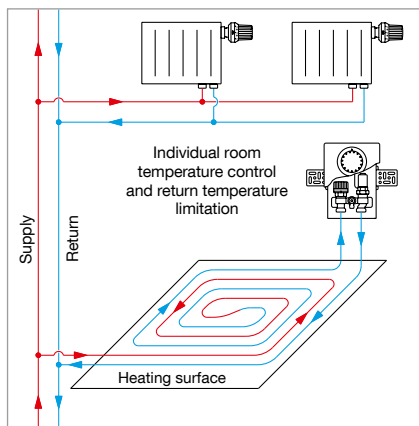
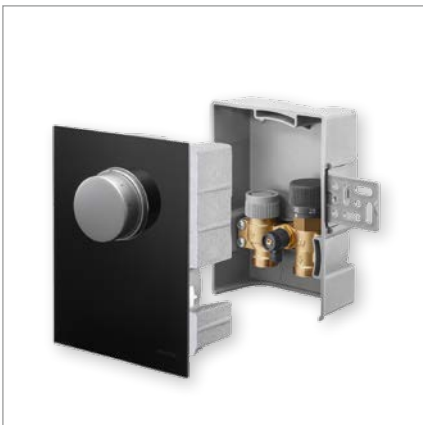
Temperature range: 10-50 °C (return temperature)



“Unibox E RTL”

for return temperature limitation of heating surfaces with return temperature limiter

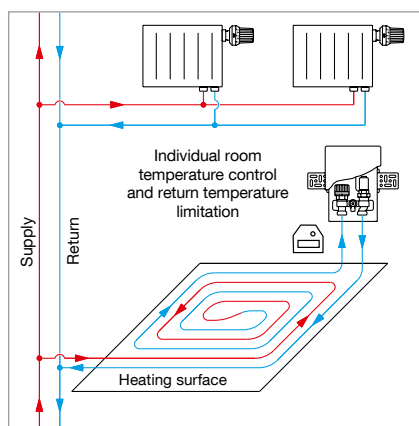
Temperature range: 20-40 °C (return temperature)



“Unibox T-RTL”

for individual room temperature control with thermostatic valve and for return temperature limitation of heating surfaces with return temperature limiter

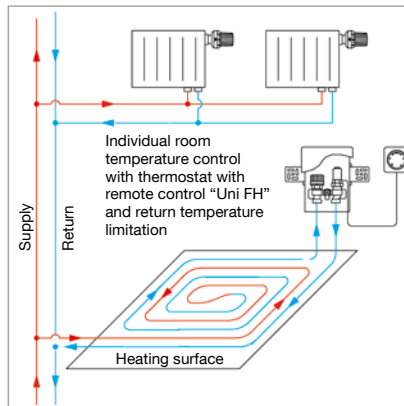
Temperature range:
7-28 °C (room temperature)
20-40 °C (return temperature)



“Unibox T-RTL R-Tronic”

for individual room temperature control and for return temperature limitation of heating surfaces with return temperature limiter, with mounted electrothermal actuator and wireless receiver “R-Con”.

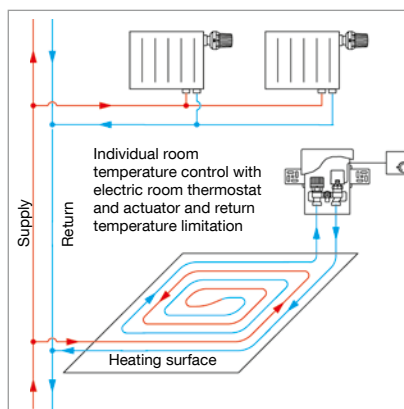
Temperature range:
8-30 °C (room temperature) R-Tronic
20-40 °C (return temperature)



**“Unibox vario”
with thermostat with remote control “Uni FH” (to be installed on site)**

for individual room temperature control with thermostatic valve and for return temperature limitation of heating surfaces with return temperature limiter

Control range:
7-28 °C (room temperature)
20-40 °C (return temperature)



**“Unibox vario”
with room thermostat and actuator (to be installed on site)**

for individual room temperature control with thermostatic valve and for return temperature limitation of heating surfaces with return temperature limiter

Control range:
7-28 °C (room temperature)
20-40 °C (return temperature)



**“Unibox TQ-RTL”
for automatic hydronic balancing**

for individual room temperature control with thermostatic valve and for return temperature limitation of heating surfaces with return temperature limiter

Control range:
7-28 °C (room temperature)
20-40 °C (return temperature)

“Unibox” models	Cover			visible thermostat			Item no.
	white	Genuine glass, white	Genuine glass, black	white	chrome plated	Matt aluminium finish	
“Unibox RTL”	X			X			1022735
		X			X		1022750
			X			X	1022751
“Unibox E RTL”	X						1022731
		X			X		1022760
			X			X	1022761
“Unibox T RTL”	X			X			1022733
		X			X		1022770
			X			X	1022771
“Unibox TQ-RTL”	X			X			1022739
		X			X		1022780
			X			X	1022781
“Unibox T-RTL R-Tronic”	X						1022737
		X					1022772
“Unibox TQ-RTL R-Tronic”	X						1022738
		X					1022782
“Unibox T-RTL vario”	without cover						1022734
“Unibox TQ-RTL vario”	without cover						1022736
Cover for “Unibox vario”	X						1022776
		X					1022774
			X				1022775

Recommended application:

- Rooms or heating surfaces up to 20 m²
- Heating circuits with a pipe length of up to 100 m (with an inner pipe diameter of approx. 12 mm)

Heating up:

After all plastering is finished, a heating screed complying with the relevant standards must be laid. Heating up of concrete and calcium sulphate screed must be carried out according to DIN 1264-4.

Heating up at the earliest:

- 21 days after laying of concrete screed
- 7 days after laying of calcium sulphate screed

Heat up slowly!

3 days with a flow temperature of about 25 °C, then 4 days at the maximum design flow temperature.

The instructions of the screed manufacturer must be observed.

Commissioning:

The recommended temperature range of the return temperature limiter is between 25 °C and 40 °C. The specifications of the screed manufacturer must be observed. The maximum permissible screed temperature according to DIN near the heating pipes must not be exceeded.

Room climate

Hydronics

Stations
Storage
cylinders
Pipes

Potable water

Oil
Solar

Smart Home
Smart Building

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Subject to technical modifications
without notice.
Private persons may purchase our
products from their qualified installer.

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