

# ACCESSORIES

## Lockshield

- optional accessory
- straight or axial
- size: 1/2" G
- nickel-plated brass
- max operating pressure: PN 10
- max operating temperature: 90 °C
- **order code:**  
straight lockshield: REG-LS  
axial lockshield: REG-LA



Preset	1	2	3	4	5	6	7	8	9
Turns	1 1/4	1 1/2	1 3/4	2	2 1/2	3	3 1/2	4	FO
$K_v$	0.14	0.2	0.31	0.43	0.6	0.79	1	1.2	1.35

$K_v$  flow coefficient (m³/h)  
FO fully open

## Thermostatic valve

- optional accessory
- straight or axial
- preset  $K_v$  value
- size: 1/2" G
- thread: M 30x1.5
- nickel-plated brass
- max operating pressure: PN 10
- max operating temperature: 90 °C
- **order code:**  
straight thermostatic valve: REG-TVS  
axial thermostatic valve: REG-TVA



Preset values	1	2	3	4	5	6
$K_v (\Delta t = 2K)$	0.10	0.20	0.30	0.40	0.50	0.60
$K_{vs}$	0.10	0.20	0.30	0.40	0.57	0.80

$K_v$  flow coefficient (m³/h)  
 $K_{vs}$  maximum flow (m³/h)  
 $\Delta t = 2K$  valve proportional band (K)

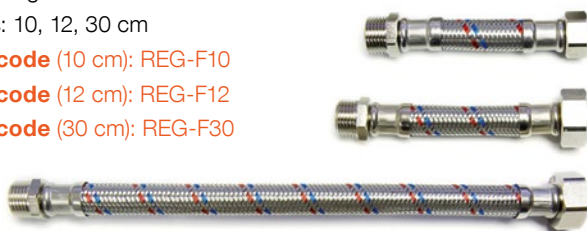
## Brass elbow

- optional accessory
- 1/2"x1/2" 90° without rim
- **order code:** REG-E90

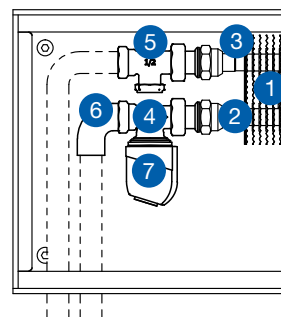


## Flexible connecting hoses

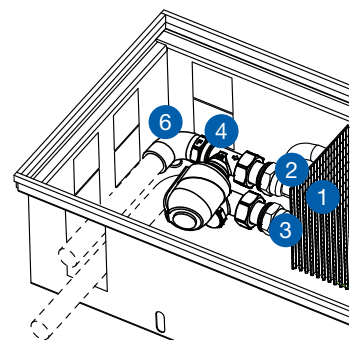
- optional accessory
- stainless steel mesh
- connecting nuts: Z1/2"x1/2"M
- lengths: 10, 12, 30 cm
- **order code** (10 cm): REG-F10
- **order code** (12 cm): REG-F12
- **order code** (30 cm): REG-F30



## Example use of accessories



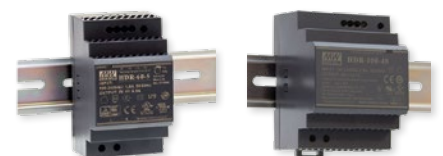
- 1 Al/Cu heat exchanger
- 2 water inlet
- 3 water outlet
- 4 straight thermostatic valve



- 5 straight lockshield
- 6 brass elbow
- 7 thermoelectric actuator

## DC power supply 60 W, 100 W

- optional accessory
- switch-mode DC power supply
- silent operation, high efficiency
- DIN rail assembly
- IP 20



Power supply size	60 W	100 W
Input supply voltage	85-264 V AC	85-264 V AC
Output voltage	24 V DC/2.5 A	24 V DC/3.9 A
dimensions WxHxD	53x90x55 mm	70x90x55 mm
<b>order code</b>	<b>REG-PS60</b>	<b>REG-PS100</b>



The size of the power supply is designed according to the sum of power consumption of the thermoelectric actuators for one voltage source. Count 2W for one thermoelectric actuator. We recommend the output of the power supply is at least 20% more than the resulting sum input of the actuators for this power supply.

## Thermostatic head with incorporated control and immersion remote sensor

- optional accessory
- operating temperature: +6.5 to +28 °C
- wall-mounted control head
- capillary length: 5 m
- hysteresis: ≤0.6 °C
- **order code:** REG-TH5



## Thermoelectric actuator

- optional accessory
- reset time: 4 min.
- assembly thread standard: M 30x1,5
- cable lengths: 2.5 or 5 m
- closed without voltage
- IP 44
- total height: 65 mm



In order to set and regulate required air temperature in heated rooms, trench heaters must be fitted with thermostatic heads with incorporated control and immersion sensors or thermoelectric actuators.

### TEP 230

- supply voltage: 230 V AC
- power consumption <2 W
- **order code** (2.5m cable): REG-TEP230-250
- **order code** (5m cable): REG-TEP230-500

### TEP 24

- supply voltage: 24 V DC
- power consumption <2 W
- **order code** (2.5m cable): REG-TEP24-250
- **order code** (5m cable): REG-TEP24-500

## SIEMENS RAA21 room thermostat

- optional accessory
- for heating
- 2-position control with ON/OFF output
- switching voltage 24 V DC and 230 V AC
- required temperature setpoint is selected manually with the setting knob on the front of the thermostat
- The setpoint setting range can be mechanically limited by means of setpoint limiters under the unit cover
- IP 30
- dimensions (w×h×d) 97×96×35.3 mm
- **order code:** REG-RAA21

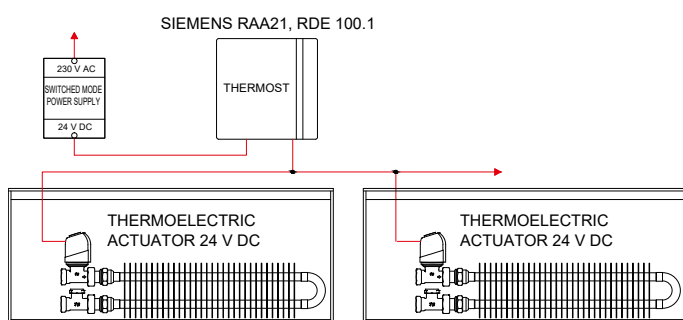


## SIEMENS RDE 100.1 room thermostat

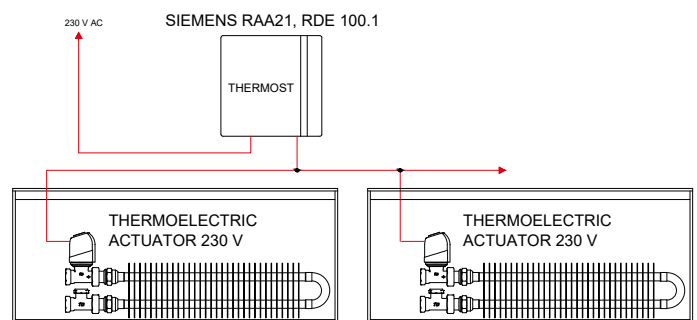
- optional accessory
- for heating
- 2-position control with ON/OFF output
- switching voltage: 24 V DC and 230 V AC
- Comfort, Economy, Auto timer and Protection mode
- Adjustable commissioning and control parameters
- 7-day time program
- battery powered: 3V DC (2x1.5 V DC)
- IP 30
- dimensions (w×h×d) 127×85×21.5 mm
- **order code:** REG-RDE100.1



### Electrical diagram - connection with 24 V DC power supply



### Electrical diagram - connection to 230 V AC



Alterations to technical specifications reserved.