

## ClimaCon F 316

Room thermostat for  
six-way ball valves





## Heating and cooling quickly and easily controlled.

### OUR ALL-IN-ONE SOLUTION FOR CONNECTION OF TERMINAL UNIT

Six-way ball valves are used to *control heating and cooling appliances* in four-pipe systems, e.g. heating and cooling ceilings, radiant ceiling panels or ceiling sails. The **ClimaCon F 316** room thermostat complements the **Optibal W6** six-way ball valve and the accompanying actuator **Aktor R** to form a system.

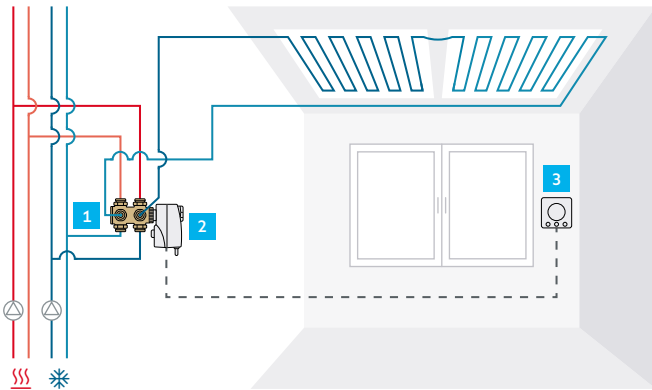
*Quickly installed, easy to use – via app:* It offers you the right installation screen for every application. Our *modular system solution* makes it particularly easy for you: all values are already preset. If required, these can be adapted in the password-protected installation area of third-party products.

*Particularly efficient:* You can use the app to define time profiles that enable the **ClimaCon F 316** room thermostat to regulate the temperature automatically.

### YOUR BENEFITS AT A GLANCE



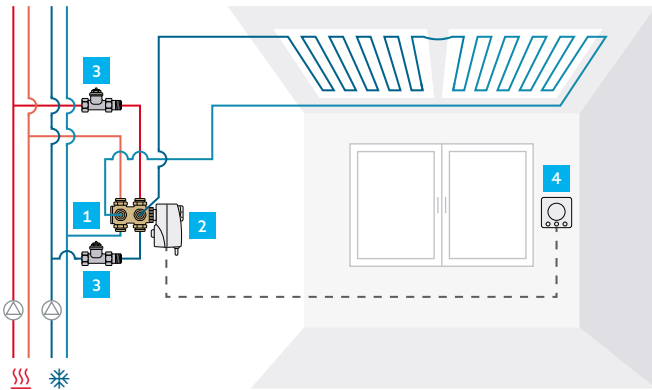
- + *Modular* system solution
- + *Compatible* with all six-way ball valves
- + *Easy* to install
- + *Quickly* configured via smartphone
- + *Intuitive* to use



### INDIVIDUAL ROOM CONTROL WITH STATIC FLOW LIMITATION

Modulating control of the **Optibal W6** six-way ball valve is carried out via a 0–10 V signal. The flow is limited by the Kvs orifices of the six-way ball valve.

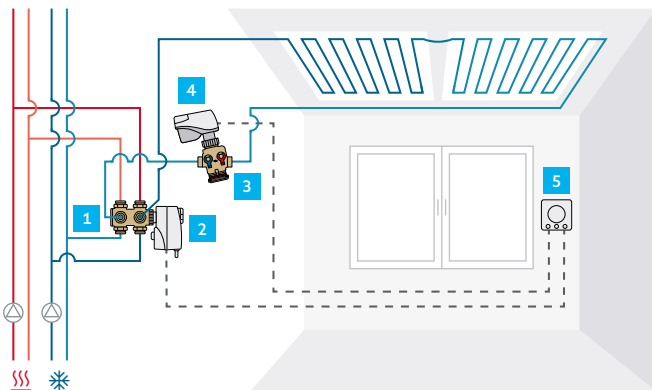
- 1 Optibal W6 Six-way ball valve
- 2 Aktor R ST L Motorised rotary actuator
- 3 ClimaCon F 316 Room thermostat for six-way ball valves



### INDIVIDUAL ROOM CONTROL WITH AUTOMATIC FLOW LIMITATION

Modulating control of the **Optibal W6** six-way ball valve is carried out via a 0–10 V signal. The flow is limited via the AQ/AQH valves.

- 1 Optibal W6 Six-way ball valve
- 2 Aktor R ST L Motorised rotary actuator
- 3 AQ/AQH Pressure-independent valve (one each for heating and cooling)
- 4 ClimaCon F 316 Room thermostat for six-way ball valves



### INDIVIDUAL ROOM CONTROL WITH AUTOMATIC FLOW LIMITATION

The **Optibal W6** six-way ball valve switches between heating and cooling mode via an on/off control. Flow control is carried out via the **Cocon QTZ** control valve with modulating control via a 0 - 10 V signal.

- 1 Optibal W6 Six-way ball valve
- 2 Aktor R ST L Motorised rotary actuator
- 3 Cocon QTZ Pressure-independent control valve
- 4 Aktor M ST L Electromotive actuator
- 5 ClimaCon F 316 Room thermostat for six-way ball valves



Room  
climate



Hydronics



Stations,  
Storage  
cylinders



Potable  
water



Oil



Smart Home,  
Smart Building

Oventrop is the partner for efficient heating, cooling and clean potable water - with pioneering modular systems and services.



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Wir regeln das. Seit 1851.

Oventrop GmbH & Co. KG

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