

Manual COMFORT IP Underfloor heating system

COMFORT IP

6 and 10 zones

230VAC

868MHz

Self-regulating

Fuse T6,3 AH

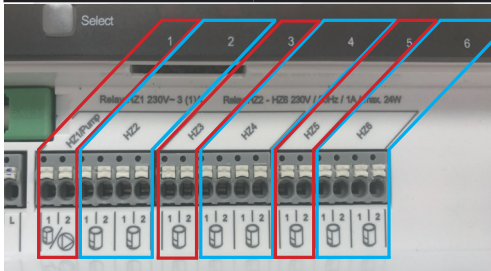
COMFORT IP can be used as both a stand-alone system without internet access, or as part of a SmartHome solution with access via your smartphone when buying an Access Point.

Please find further information at www.pettinaroli.dk

Number of actuators

Below is shown how many actuators can be connected to a COMOFORT IP 6 and 10 zones unit.

6 zones unit (EC-42010-06)		10 zones unit (EC-42010-10)	
Zone	No. of actuators	Zone	No. of actuators
1	1	1	1
2	2	2	2
3	1	3	1
4	2	4	2
5	1	5	1
6	2	6	2
		7	1
		8	2
		9	1
		10	2



Setting of pump control

Compatible thermostats:

With display - 40 3582 491. Analog - 40 3582 490.

Zone 1 on the control unit may be used for pump control as well as an actuator. This may be set as needed.

Attention: Zone 1 is pre-set to control an actuator.

Setting from actuator to pump control

Attention: Zone 1 should *not* be marked beforehand.

Hold down **SELECT** until zone 1 flashes quickly.

Let go of the button and hold it down again, until the zone stops to flash.

Zone 1 has now been set to pump control.

To see what zone 1 is set to, hold down **SELECT** until zone 1 starts to flash.

Quick flashes = actuator. Slow flashes = pump.

Connecting thermostats

A thermostat may be connected to multiple zones, but two thermostats cannot be connected to the same zone.

Connection to control unit

Use brief taps on **SELECT** when choosing zone (fx. 3 brief taps when choosing zone 3).

Hold down **SYSTEM**, until it flashes orange.

Connection to thermostat

Hold down the squared button, until it flashes either green or red.

Green = connection. Red = connection failed.

A failed connection may be caused by two things:

- 1) Standing too close to the control unit (about half a meter distance)
- 2) Thermostat already has a connection (reset - see section on this)

Thermostats - info

Digital thermostat

Attention: manual or auto

The thermostat should *always* be set to **Manual**.

Hold down the button, until the screen lights up. Turn the button left or right to shift between **auto** and **manu**. Push the button.

Which zone is the thermostat connected to?

Hold down the button, until the screen lights up. Turn the button until an antenna appears in right corner. Push the button. The zone, which the thermostat is connected to, will now mark itself. If the light of the zone is on, it will turn off - if the light of the zone is turned off, it will turn on.

Analog thermostat

Which zone is the thermostat connected to?

Behind the button is a smaller button, on which is written **SET**. Push the button to mark the zone the thermostat is connected to. If the light of the zone is on, it will turn off - if the light of the zone is turned off, it will turn on.

Resetting of control unit and thermostats

Control unit

- 1) Hold down **SYSTEM**, until it flashes orange.
- 1) Let go of the button and hold it down again, until it flashes green.

Single zone

- 1) Choose the zone to be reset by tapping **SELECT**.
- 2) Hold down both **SYSTEM** and **SELECT**, until **SYSTEM** goes green.

Digital thermostat

- 1) Take out the battery. Wait until the light on the display goes out.
- 2) Hold down the squared button on the thermostat, while you put in the battery again.
- 3) When the display shows **reS** - let go of the button and hold it down again, until it briefly goes green.

Analog thermostat

- 1) Take out the battery - wait approx. 20 seconds.
- 2) Hold down the squared button, while you put in the battery again.
- 3) When it starts flashing orange let go of the button and hold it down again until it briefly goes green.



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