

Data Sheet

Hard-Wired Floor Heating Controls

FH-WT/-WP/-WS Room Thermostats, 24 VAC

Application



FH-WT, FH-WS



FH-WP

The electronic room thermostats FH-WT/-WP/-WS are used for single room temperature control, mainly in hydronic floor heating systems.

All thermostats are provided with easy max. and min. limitation of the setting range, as well as thermal feedback to improve accuracy.

LEDs behind the front cover indicates heat demand.

- FH-WT is a standard room thermostat.
- FH-WS is a thermostat with manual night set-back and optional connection for a floor sensor. If a floor sensor is connected minimum or maximum regulation is selected with a switch, depending on the type of floor i.e. wooden floor (max) or tiles (min).
- FH-WP is a tamper proof model of the FH-WS for use in public environments i.e. schools.


Ordering

Product	Type	Model	Temp. range	Code no.
Room thermostat	FH-WT	Standard	6 - 30° C	088H0022
Room thermostat	FH-WP	Public	6 - 30° C	088H0023
Room thermostat	FH-WS	Featured	6 - 30° C	088H0024

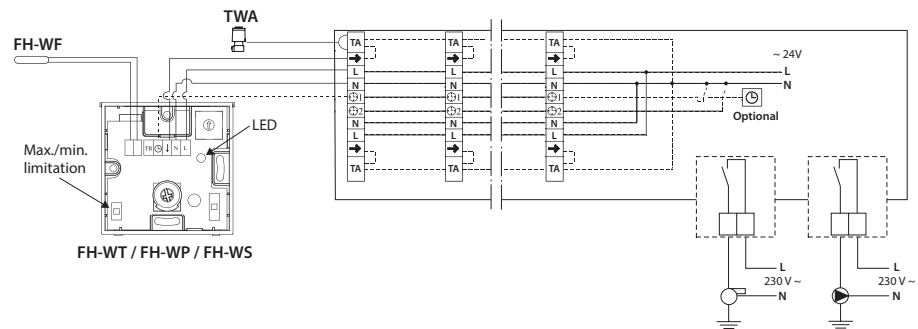
Accessories

Product	Type	Code no.
Floor sensor (NTC, 30 kΩ, 20° C, cable 3 m)	FH-WF	088H0025

Technical specifications

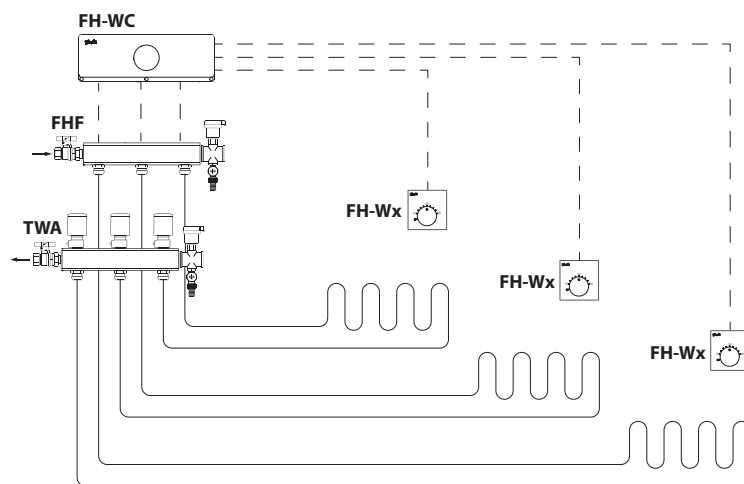
Power supply	24 VAC, 50/60 Hz
Hysteresis	0.5 K
Temperature range	6 - 30° C
Frost protection temperature	Min. 4° C
Ambient temperature	0 - 50° C
Transport temperature	-20 - 60° C
IP class	20
ErP class	 (1%)
Weight	100 g

Connection Diagram

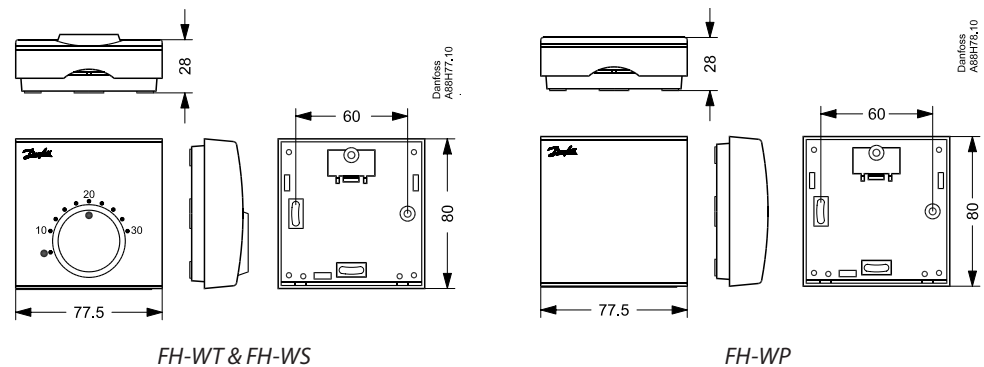


Connection of FH-WT/-WP/-WS to FH-WC 24 V connection box (see appropriate data sheet for further information).

System Layout



Dimensions



Danfoss A/S

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