Danfoss WT-P

An electronic room thermostat with digital display used for room temperature control in water-based floor heating systems. By controlling room temperature in accordance with the temperature desired by the user, the room thermostats provide optimal energy savings while upholding optimal thermal comfort in the room. Features include an away function and child safety lock as well as:

3 selectable temperature control modes:
1. Room temperature control (default)
2. Room with floor temperature limit control
3. Floor temperature control

Floor sensor terminals
For thermostats equipped with LCD display, enabling control of maximum floor temperature and reducing the risk of overheated and damaged floors (for specific maximum floor temperatures, refer to the recommendations from floor suppliers).

Frost protection mode
Use this feature instead of turning the thermostat OFF completely to protect against damages due to low temperatures. The room temperature will be maintained around 5°C.

Benefits:

- **Can be used with a floor sensor**
- **Max and min limit settings for room and floor temperature.**
- **Optional room temperature display when power is OFF (default setting: no display).**
- **Temperature calibration allowing you to change the temperature set-point of the room thermostat, to compensate for a possible temperature deviation between the room thermostat and, for example, the centre of the room.**
- **Advanced programmable timer allowing you to set a timer-controlled program for automatic comfort temperature and energy-saving lower setback temperature when standard room comfort temperature is not required.**

Technical Specification	
Type:	LCD display with push buttons, programmable
Power supply:	85- 250 Vac 50/60 Hz
Operating room temperature:	Off, 5°C - 35°C
Operating floor temperature:	Off, 20°C - 45°C
Ambient temperature:	-10°C to 60°C
Hysteresis:	1 °C, symmetrical around the set-point temperature
Max load, inductive:	<1 A
Max load, resistive:	<3 A
Auxiliary relay:	Volt-free relay (WT-DR and WT-PR), e.g. boiler
Temperature calibration:	Yes (+/-10 °C)
Power consumption:	2W
Room sensor:	NTC 100K accuracy: ±1%
Shell material:	ABS, non-inflammable
IP class:	30
Approval:	CE marking, EN 60730
Dimensions (W x H x D) mm:	86 x 86 x 16

Stock Code	Product Name	Type
088H0625	Danfoss WT-P	LCD display with push buttons, programmable