

# BVF Heato7

Programmable smart thermostat, compatible with Heato Box



## SPECIFICATION

Operating voltage:	230V AC, 50/60 Hz
Capacity:	3600W/16A
Standby consumption:	2W
Display:	LCD White backlight
External Sensor:	NTC 10kΩ @ 20°C
IP protection rating:	IP 30
Housing:	White ABS to UL94-5 fire standard
Temperature settings:	5°C–80°C, 0.5°C
Accuracy:	± 0.5°C
PRG options:	5+1+1, four cycles each day
Housing dimensions:	86 mm × 88 mm × 18 mm
Relay inst. dimensions:	Ø 65 mm diameter, standard
Radio frequency:	433 MHz
Channel selection:	ID Study function



To pair it with Heato Box, please follow the steps in the Heato Box user manual.

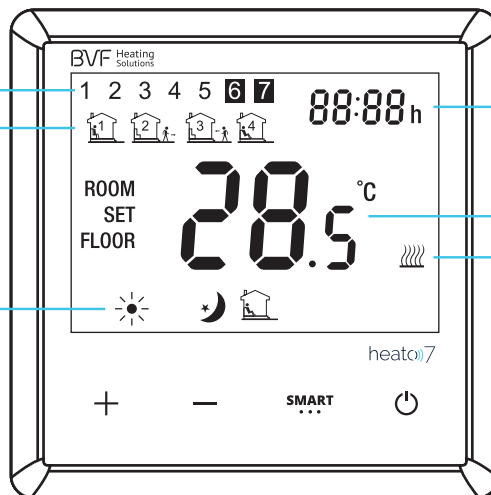
Day Indicator

Period Icons

☀ Comfort Mode

☾ Energy-saving Mode

🏠 PRG Mode



Clock

Temp. display

Heating icon

+ Increase temperature

- Decrease temperature

**SMART** Modes & Parameter

🔌 Power On/Off

**CLOCK & 5+1+1 PRG SETTING**

PRG function allows you to set different temperatures throughout the day. For example, you may want the home warm in the morning, cooler when you leave it for the day, and then warmer in the evening when you return. The thermostat offers 5+1+1 programming option, four different temperature levels for each day. Default comfort levels are pre-programmed; still you can change them easily with the following method:

Press and hold **SMART** button for 5 seconds,

1. press **—** and **+** to adjust the clock (min-hour-weekday), each press of **SMART** will go into the next setting,
2. after the clock adjustment, press **SMART** to change the 5+1+1 mode. By pressing **—** and **+** you can set the desired time and temperature of each period. (Weekday- period- time- temp.) Each press of the **SMART** button goes into the next item setting.

**DEFAULT VALUES**

Period	Wake up		Leave Home		Return Home		Sleep	
	Time	Temp.	Time	Temp.	Time	Temp.	Time	Temp.
1-5 (Mon.-Fri.)	7:00	22°C	8:30	19°C	17:00	22°C	22:00	19°C
6 (Sat.)	8:00	22°C	8:30	22°C	17:00	22°C	22:00	19°C
7 (Sun.)	8:00	22°C	8:30	22°C	17:00	22°C	22:00	19°C

**KEY-LOCK FUNCTION**

In order to avoid unauthorised access (hotels, public areas, child room) you can activate the key lock function from parameter settings page 12. To unlock your device long press the **—** and **+** buttons for ~5 seconds.

**PARAMETER SETTINGS**

During the power off mode, to access or modify parameter settings, please press and hold the **SMART** and **+** buttons simultaneously for ~8 seconds until the MENU appears showing 01 which is menu 1. Each press of the **SMART** button goes to the next MENU.

Menu	Description	Range	Default
01	Temp. Offset	-8°C ~ 8°C	0
02	Set Point Max.	5°C ~ 80°C	35°C
03	Set Point Min.	5°C ~ 80°C	5°C
04	Sensor Select	ROOM FLOOR Room + Floor	
05	Frost Protection Temp.	5°C ~15°C	5°C
06	Floor Temp. Display	Read Only	
07	High Temp. Protection	20°C ~ 80°C	32°C
11	Reset rE(Yes)		
12	Key lock	0 - off, 1 - on	0

**WIRING DIAGRAM**

