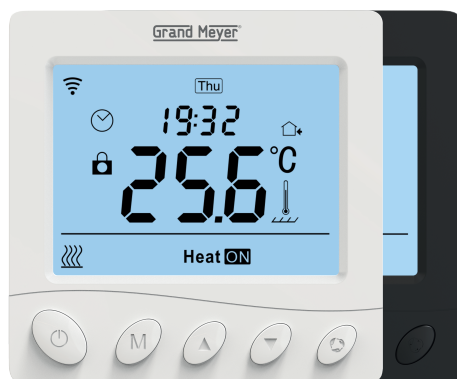# INSTALLATION MANUAL

Programmable thermostat Grand Meyer W350/W390 with remote control function via Wi-Fi network for electrical heating.

- Modern design in the shape of a curved sails.
- Large LC-Display with extended indication.
- Possibility of manual control and software installation of up to six modes (events) for each day of the week.

TECHNICAL DATA

- Supply voltage .... 230V AC(±10%), 50 Hz
- Output relay SPST .... 20 A
- Power consumption .... 1W max (Wi-Fi 3W max)
- Ambient temperature .... from -5⁰C to + 50⁰C
- Temperature setting range .... 5⁰ - 95⁰C (default 5⁰ - 50⁰C)
- Hysteresis (configurable) .... from 0,5⁰C to 10⁰C
- External sensor resistance .... 10 kOhm at +25⁰C
- Protection level IP20
- Shell material .... Anti-Flammable PC

Scan to find the manual in other languages.

BUTTONS AND SYMBOLS

Wi-Fi
Clock
Manual mode
Programmable Mode
Child lock
Frost protection
Underfloor heating indication
Up button
On / Off button

Day of the week display
Event 1
Event 2
Event 3
Event 4
Event 5
Event 6
Indoor temperature
Floor temperature
Heating on
Down button
Adjust time button
Menu button
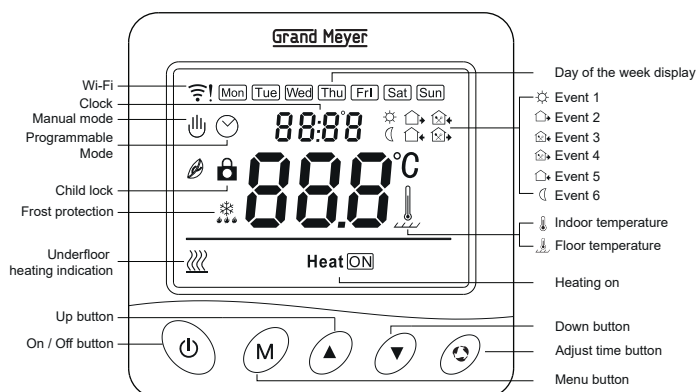
Table 1.

Events		Symbols	Time		Temperature	
			Factory setting	Press «▲» or «▼»	Factory setting	Press «▲» or «▼»
Workdays	1	☼	06:00		20°C (68°F)	
	2	⌂	08:00		15°C (59°F)	
	3	⊠	11:30		15°C (59°F)	
	4	⊠	12:30		15°C (59°F)	
	5	⌂	17:00		22°C (72°F)	
	6	☾	22:00		15°C (59°F)	
Weekends	1	☼	06:00		20°C (68°F)	
	2	☾	20:00		20°C (68°F)	

USER OPERATION

Manual mode
The thermostat will turn on or off the electric heating to maintain the set temperature, regardless of the currently running program.

Programmable Mode
The thermostat will turn on or off the electric heating depending on the set time and temperature according to a program in which up to 6 heating events can be set for each day of the week. This program will be repeated every week.

Temporary manual (program) mode
The thermostat works in accordance with the manually set temperature temporarily and switches back to the program mode, at the time of the next event.

SETTING THE TERMOSTAT

- Press the «M» menu button to select manual or programmable mode. Hold the menu button «M» for 3 seconds. to edit the weekly program.
- Press the «⏻» button to turn on / off the thermostat.
- Hold the «🕓» button for 3 seconds. to edit time and date.
- Press the «▲» or «▼» button to change the set temperature by 0,5⁰C.
- Hold for 3 seconds. buttons «▲» and «▼» to activate the option «Child lock». The «🔒» icon indicate that the «Child lock» is on.

SETTING UP PROGRAMMING MODE

Hold the menu button «M» for 3 seconds to set the weekly program (table 1).

ADVANCED SETTING
(Professional Technician preferred)

In off mode, hold for 3 seconds «M» to enter advanced setting mode, then re-press «M» to switch to next mode. Press «⏻» to save and exit advanced setting mode.

Table 2.

| Code	Mode	Set value (press «▲» or «▼»)
ᴏᴀdʳ	Not used on this model	
ιᴀdⱼ	Temperature calibration	Set required value
25Eᴎ	Active temperature sensor	ιᴎ: only internal build-in sensor ᴏuʳ: only external sensor (set by default) ᴀʟʟ: both sensors
3Lιʳ	External sensor upper temperature limit	From +5ºC to +60ºC (+35ºC by default)
4dιF	Temperature hysteresis	From 0,5ºC to 10ºC (1ºC by default)
5LʳP	Frost protection	ᴏᴎ : Turns ON ᴏFF : Turns OFF
6PʳG	Weekly programming	12345: 5 working/2 weekend days 123456: 6 working/1 weekend days 1234567: 7 working days
8dLY	Not used on this model	
9Hιʳ	Temperature upper limit	From +5ºC to +95ºC (+50ºC by default)
ᴀFᴀC	Hard reset	Press and hold for 3 seconds «▲» to reset settings to defaults

English

TEMPERATURE SENSOR ERROR

Please select the correct type of active temperature sensor operation. When the display shows the error E0/E1, the termostat won't operates until the error is eliminated.

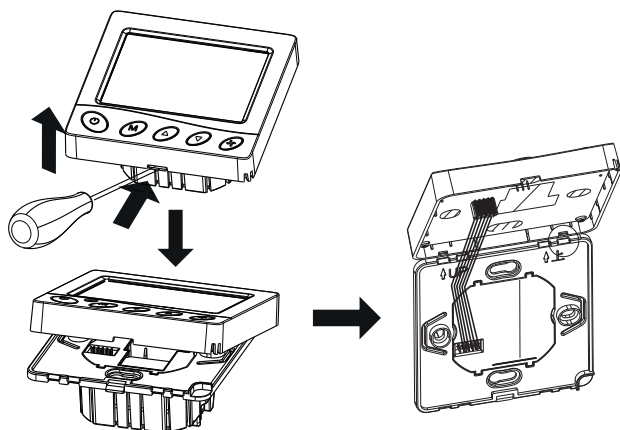E0: Sensor short circuit / internal build-in sensor disconnected.
E1: Sensor short circuit / external sensor disconnected.
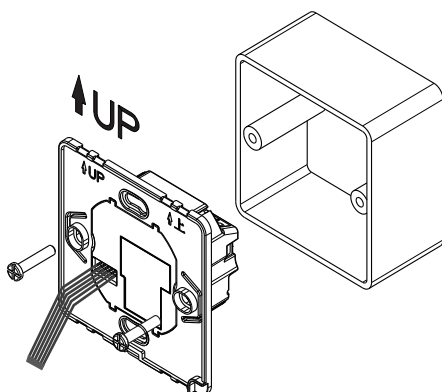
DIMENSIONS (mm)
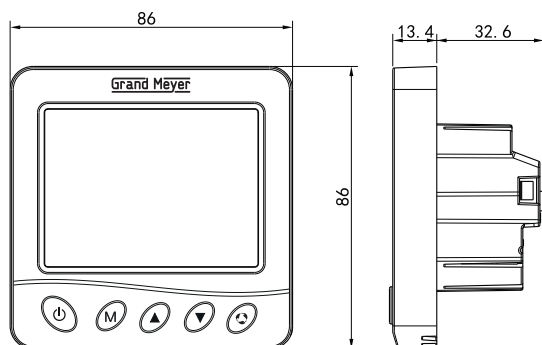
INSTALLATION

1. Remove the front cover of the thermostat using a screwdriver.

2. Connect the wires to the contact terminals of the termostat in accordance with the wiring diagram.
   Recommended stripping length 7-9 mm.
3. Use a screwdriver and screws to secure the back part of the thermostat to the mounting box.

4. Secure the front cover through the snap joint.

WIRING DIAGRAM

230V AC, 50 Hz, 20 A

Load
Neutral
Heating element
External temperature sensor
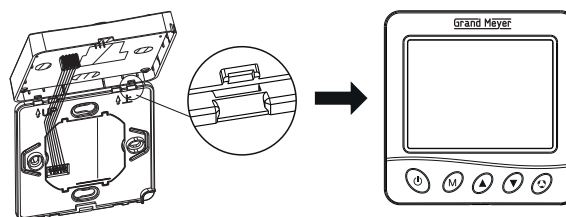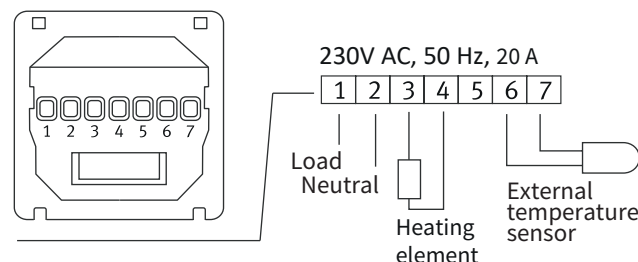
CONNECTING TO A Wi-Fi NETWORK

To set up the Wi-Fi mode turn off the thermostat and press and hold for 3 seconds button «⟳».

GET IT ON
Google play

DOWNLOAD ON THE
App Store

For remote access to the thermostat via Wi-Fi, download a mobile application adapted for our thermostat.

The app «Smart Life» is available on Google Play for Android and the App Store for iOS.

SECURITY MEASURES

1. The thermostat must be connected by a qualified, certified electrician.
2. All work on installation and connection of the thermostat must be carried out without the power supply connection.
3. Use only the plastic back box to mount the thermostat.
4. Cleaning the thermostat:
• The power supply must be disconnected when wipe off dust and dirt with a soft cloth or paper towel.
• Do not use any cleaning agents or harsh chemical solvents.

WARRANTY OBLIGATIONS

The warranty period is 24 months from the date of sale.

During the warranty period, the buyer has the right to repair or replace the product if any faults are discovered that have occurred through the fault of the manufacturer and provided that the instructions for installation and operation are followed. Warranty obligations do not apply to thermostats that have mechanical damage, as well as if the defect has arisen as a result of improper installation, connection and operation of this device.

RECYCLING OF OBSOLETE APPLIANCES

Appliances with this label must not be disposed off with the general waste. They must be collected separately and disposed off according to local regulations.