FMH-220-HC11-3S-IR

Owner's Manual - Installation and Operating Instructions

⚠ **Please read this manual carefully before installation and use.**

1. Index

2. Installation

2.1. General points to follow

- Disconnect power to the main board before installing the unit.

- The unit MUST be fitted into a standard electrical box (Gewiss Box - GW00001481VR)

- The unit should not be installed on an outside wall or where there is an air draft.

- The unit must not be exposed to a direct sunlight.

- The standard height to install this unit is 1.5 meter (5 feet) from the floor.

2.2. Installation procedure:

- Connect the wires as shown in the enclosed wiring diagram.

- Place the thermostat in the electrical box and tighten up the 2 screws (Gewiss Box - GW00001481VR).

- Adapt the front frame-panel into its place, by pushing it towards the wall.
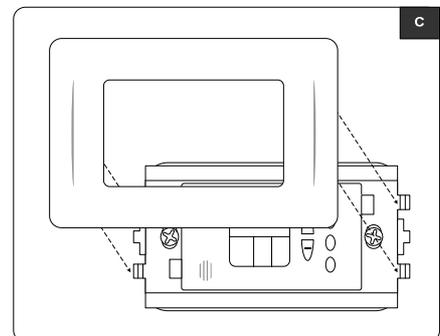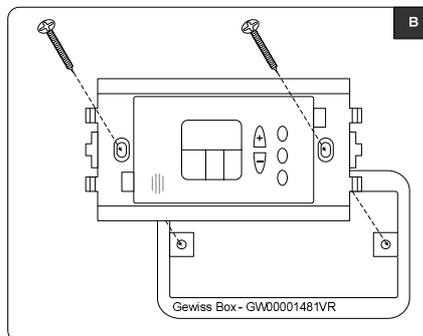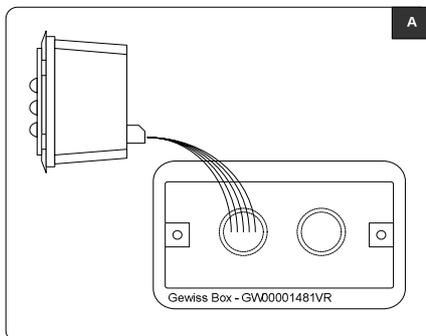
⚠ **WARNING: Risk of Electric Shock.** WARNING: Risk of Electric Shock. Disconnect power supply before making electrical connections. Contact with components carrying hazardous voltage can cause electric shock and may result in injury or death.

3. Wiring Connections


```
FMH/220/HC11/3S/IR    HE — heat
                      RE — cool
                      3  — low    ⎫
                      2  — medium  ⎬ fan speeds
                      1  — high    ⎭
                      N  ⎫ 230Vac
                      L  ⎭
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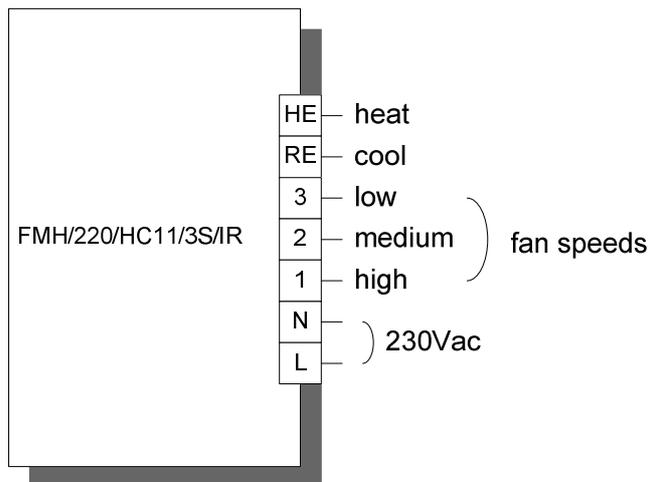
4. Operating Manual

4.1. Switching the thermostat On/OFF

- Press the [On/Off] button to activate or deactivate the thermostat.
- "ON" or "OFF" will appear on display.

4.2. Setting the temperature

- Press the [+] or [-] buttons – the temperature will flash.
- Change the set temperature using the [+] or [-] buttons.

4.3. Selecting modes

- Press the [Mode] button to switch between:
  - Cool – "Cool" will appear on display.
  - Heat – "Cool" will appear on display.
  - Cool/Heat (auto change) – both "Cool" and "Heat" will appear on display.
  - Fan only – "Fan" will appear on display.

4.4. Selecting Fan Speeds

- Press [Fan] button to switch between:
  - High Speed – "Hi" will appear on display.
  - Medium Speed – "Me" will appear on display.
  - Low Speed – "Lo" will appear on display.
  - Auto Speed – "Lo", "Me" and "Hi" will appear on display.

4.5. Auto Fan

- Press and hold [Fan] button to switch between:
  - Without Auto Fan - "Fan" will appear on display.
  - With Auto Fan – the word "Fan" will disappear from display.

  📌 In Auto Fan the fan will run only during demand for heat or cool.

  📌 Auto Fan is not available in fan only mode

4.6. Timer

The timer is available through the remote control only. When the timer is active "AUX" will appear on display. After break of power, the timer will be cancelled and "AUX" will flash.

5. Technician Settings

5.1. Enter technician Settings

- Use the [+] and [-] buttons to adjust set-point temperature to 10°C.
- Press and hold the [Mode] button until "EO" appears on display.

5.2. Setting Heat Element type

- When "EO" appears on display, use the [+] and [-] buttons to select between:
  - o Electric heat ("E" flashing)
  - o Oil heat ("O" flashing)

5.3. Setting compressor delay

- Press the [Mode] button again - "30" will appear on display.
- Using the [+] and [-] buttons to select between:
  - o With 3 minutes delay for compressor ("3" flashing)
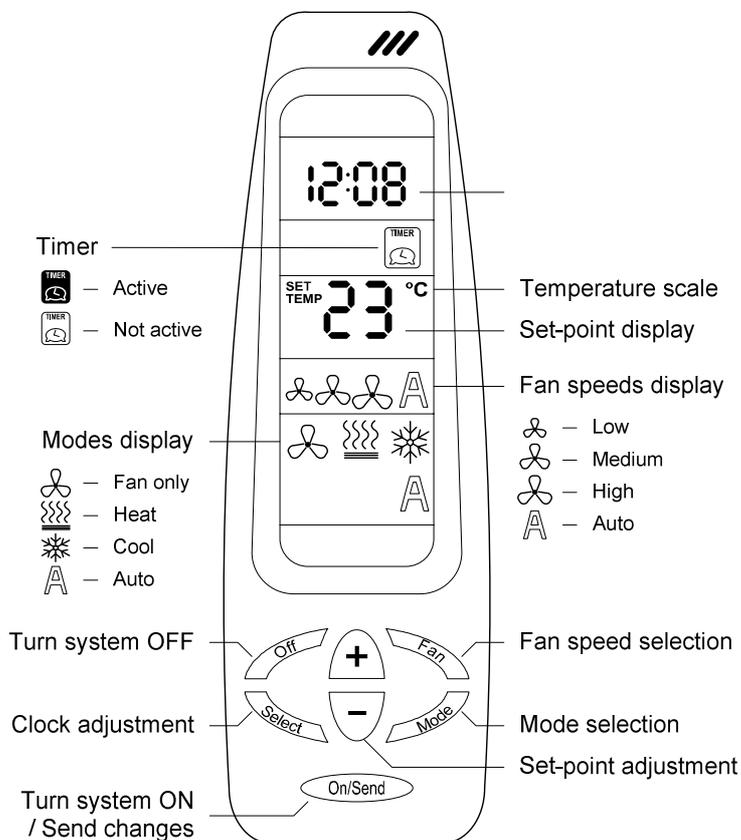 - o Without delay ("0" flashing)

5.4. Setting Offset to calibrate room temperature readings (if needed)

- Press the [Mode] button again - a number will appear on display.
- Using the [+] and [-] buttons adjust the offset (Range -6°C...+6°C.).

- Press the [Mode] button again to return to normal display.

6. RT03 - Hand Held Remote Control - Option

6.1. General

6.2. Real Time Clock and Day

- Press the [Select] button – "CLOCK SET" will flash.
- Press the [+] or [-] buttons - the hours will flash.
- Adjust the hours using the [+] or [-] buttons.
- Press the [Select] again - minutes will flash.
- Adjust the minutes using the [+] or [-] buttons.
- Press the [Select] again to return to normal display.
- Press the [On/Send] button to send information to the thermostat.

6.3. Timer

Start Time:

- Press the [Select] button twice – "PROGRAM & START" will flash on display.
- Press the [Select] button - the hours will flash.
- Adjust the hours using the [+] or [-] buttons.
- Press the [Select] button - the minutes will flash.
- Adjust the minutes using the [+] or [-] buttons.

Stop Time:

1. Press the [Select] button – "PROGRAM & STOP" will flash on display.
2. Press the [Select] button - the hours will flash.
3. Adjust the hours using the [+] or [-] buttons.
4. Press the [Select] button - the minutes will flash.
5. Adjust the minutes using the [+] or [-] buttons.
6. Press the [Select] button - the TIMER will blink
7. Select TIMER ON (black icon) or OFF (white icon) using the [+] or [-] buttons.
8. Press the [On/Send] button to send the information to the thermostat.

6.4. Batteries Replacement

When the batteries are low, the display of the remote control will dim.

If the batteries will not be replaced the display will turn off completely.

Batteries replacement:

- Pull the batteries cover down to reveal the batteries.
- Remove the old batteries.
- **Wait for 10 minutes before installing the new batteries.**
- Install two new AAA batteries – Pay attention to the polarity.
- Return the batteries cover to place.

Important: The remote control will not operate unless at least 10 minutes pass between removing the old batteries and installing the new ones.