Smarther AC with Netatmo connected thermostat

XW8003 - XM8003 - XG8003
0 490 43 - 0 490 44
XW8003W - 0 490 45

Description

Smarther AC with Netatmo is the connected thermostat for HVAC systems. It can directly manage a single wall unit thanks to the on-board IR emitter, while with the use of the dedicated accessories, it can easily handle more extended systems with several air conditioning units and Fan Coils.
The device can be used to manually set the required temperature level, the fan speed and Boost mode, which allows to force the switching on of the system for a limited period of time (15, 30 or 45 minutes) irrespective of the set or programmed temperature. It can also display the temperature and humidity measured in the room. When used in conjunction with the Home + Control App, it allows simple and intuitive temperature programming and management.
Thanks to its Wi-Fi connection, Smarther AC with Netatmo can be programmed and controlled remotely. Smarther AC with Netatmo can also be controlled with the Google, Amazon Alexa and Apple HomeKit voice assistants.

Smarther AC with Netatmo flush mounted version XW8003/XM8003/XG8003/ 0 490 43/0 490 44.
It can be installed both in 503E flush-mounted boxes and in round flush-mounted boxes:
- type 500;
- type 502PB;
- type 0 800 21 and 0 800 41.

Smarther AC with Netatmo wall mounted version XW8003W/0 490 45.
It can be installed on the wall, using screws and dowels suitable for the installation surface.

You can have up to 10 thermostats in your system.
Depending on the type of installation, a single Smarther AC with Netatmo can control (through Zigbee):

A) up to 20 connected IR emitter (all with the same communication protocol and located in up to 10 rooms of the Home + Control App). In this case, the Smarther AC on-board IR emitter can be disabled, or it can be used in parallel with the IR emitters for the control of another air conditioning unit.
B) up to 10 HVAC actuators, provided that they are all in the same room and that the controlled Fan Coils are all of the same type.

On the Smarther AC with Netatmo dedicated page of the www.homesystems-legrandgroup.com website, it is possible to find the list of air conditioning units compatible with Smarther AC with Netatmo and which can be managed through the Smarther AC on-board emitter, or using the dedicated accessory 3460IR.

Related items

3460IR Connected IR emitter
0 489 10 HVAC actuator

Technical data

Power supply:	110 – 240 Vac , 50/60Hz
Absorption:	2 W max
Maximum cable section:	1 x 1.5mm²
Contact output:	5(2) A
Operating temperature:	5 – 40 °C
Type of activation:	1BU
Pollution level:	2
Rated pulse voltage:	4 kV

Compatible with IR emitter (3460IR)

Compatible with Fancoil Actuator (0 489 10)

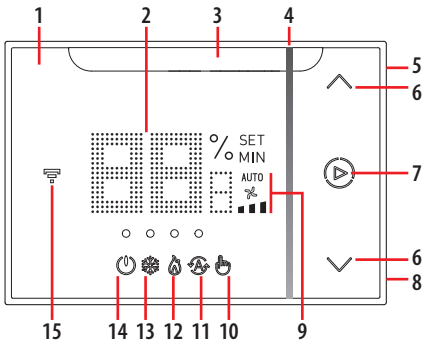
Wireless device in compliance with 802.11b/g/n standard, frequency 2.4 – 2.4835 GHz, transmission power < 20 dBm.
WEP/WPA/WPA2 safety protocol. Protocol IPv4.

Radio link: short range communication, frequency 868MHz/915MHz, transmission power < 25mW e.r.p. *

Zigbee data: power level <100mW, band frequency from 2.4 to 2.4835 Ghz.

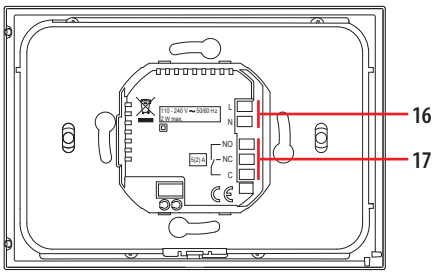
* Radio connection with 868MHz/915MHz frequency is not active in Malaysia, China, Japan, Singapore, Taiwan and Thailanda.

Front view

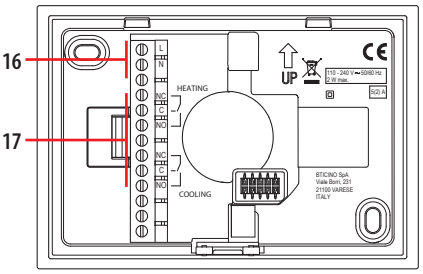


Rear view

Flush mounted version



Wall mounted version

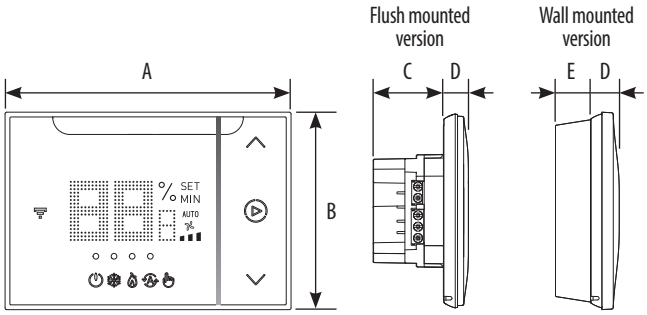


Legend

1. Touch screen display
2. Temperature*/humidity display
3. IR emitter
4. Indicator of the time remaining for "Boost" mode operation
5. Wi-Fi connection key and Zigbee settings
6. Keys for temperature setting
7. Boost mode activation
8. Reset key (keep pressed for 10", it restores the factory settings)
9. Air conditioning unit fan or Fan coil speed indicator (automatic/1/2/3)
10. Manual mode indicator
11. Automatic mode indicator
12. Heating indicator
13. Cooling indicator
14. "OFF thermostat" indicator
15. Wi-Fi connection indicator
16. Power supply connection clamps (see diagrams)
17. Connection clamps (future use)

*In systems with air conditioning unit, the temperature measured by the Smarther will not be used as reference for switching the system on or off.
The reference temperature will be the temperature read by the air conditioning unit, which cannot be displayed on the Smarther or the App.

Dimensional data



A	B	C	D	E
126 mm	87 mm	31 mm	13 mm	15.5 mm

Configuration

For device configuration and installation and for any other information, refer to the documentation that can be downloaded from the website.

www.homesystems-legrandgroup.com

To download the App from Apple Store or Google Play search for "Home + Control".

App Home + Control

Available on the iPhone App Store

Google play

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This file is part of the lwIP TCP/IP stack.
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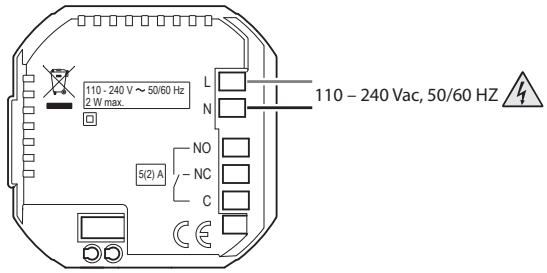
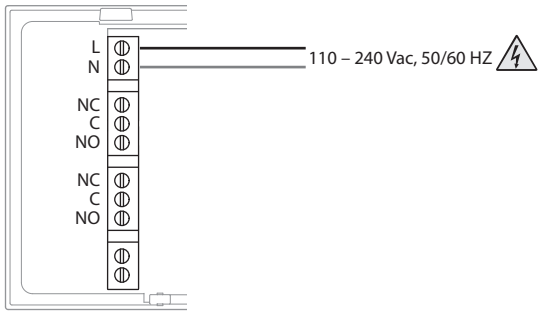
Wiring diagrams

Flush mounted version



Wall mounted version



Functions

Available functions:
- Management with Home + Control App
- Display and change the temperature
- Display and change the fan speed
- Boost
- Room humidity display
- Compatible with Google Assistant
- Compatible with Alexa
- Compatible with HomeKit