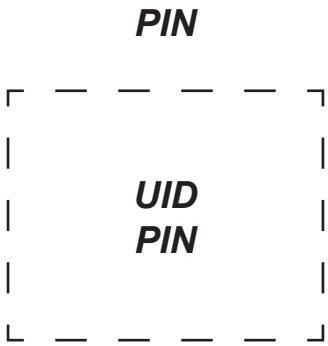
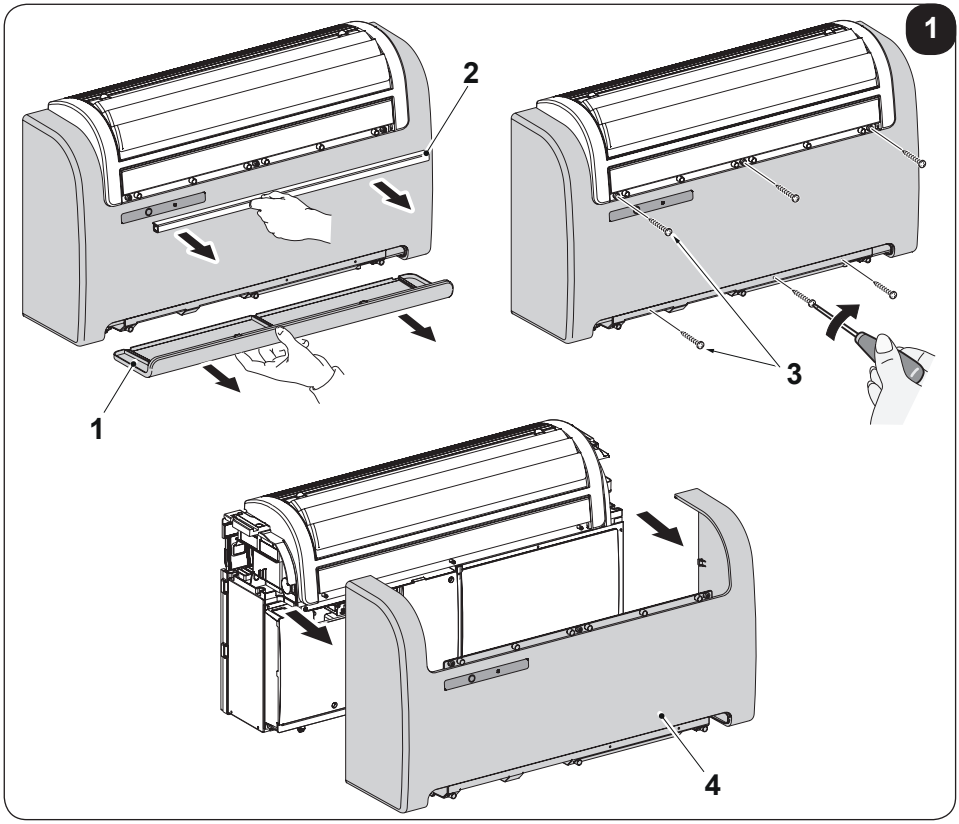
MAESTRO Series Wi-Fi Kit
B1018



INSTALLATION INSTRUCTIONS, USER/SERVICE MANUAL ENG

OLIMPIA SPLENDID
HOME OF COMFORT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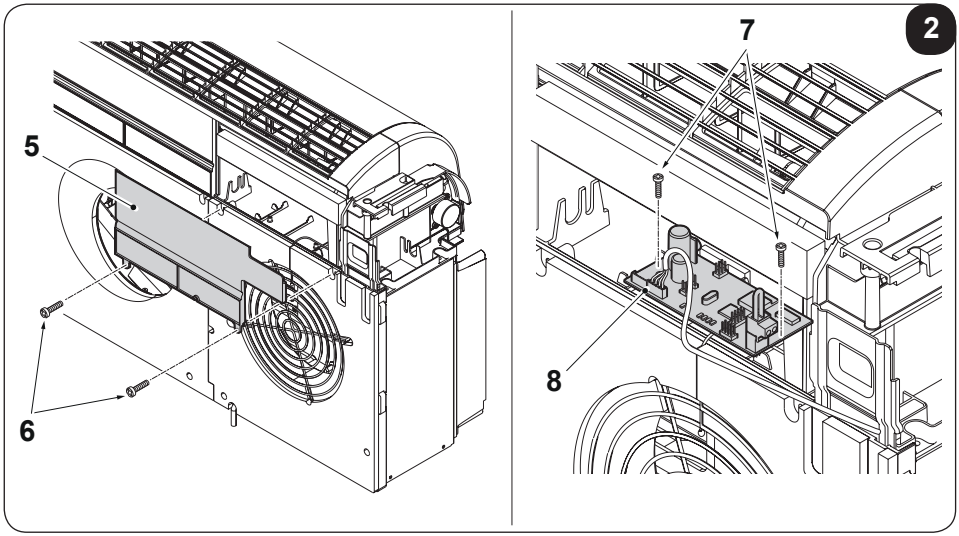
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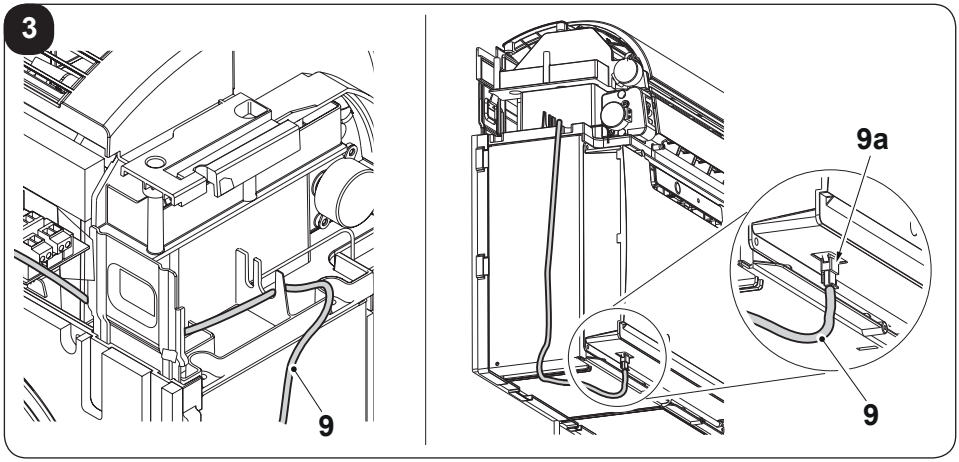
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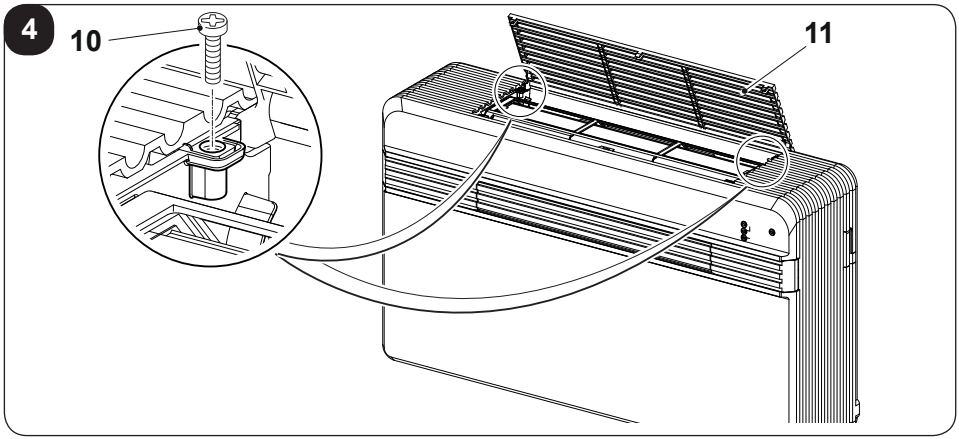
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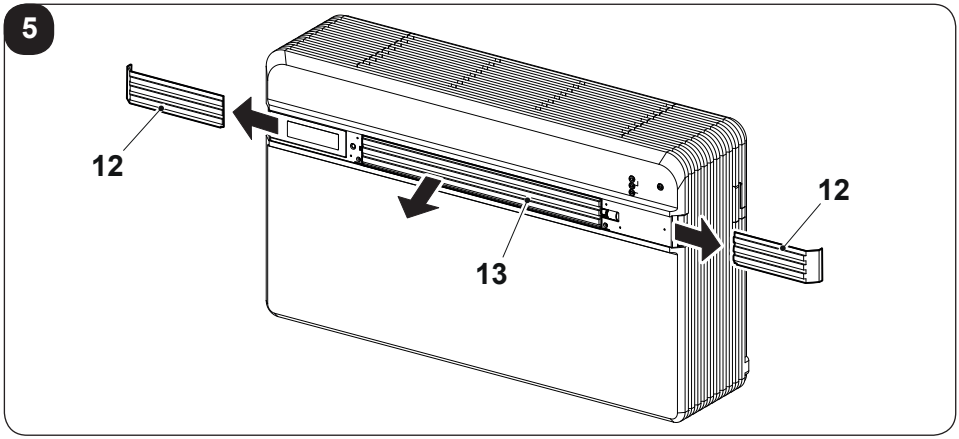
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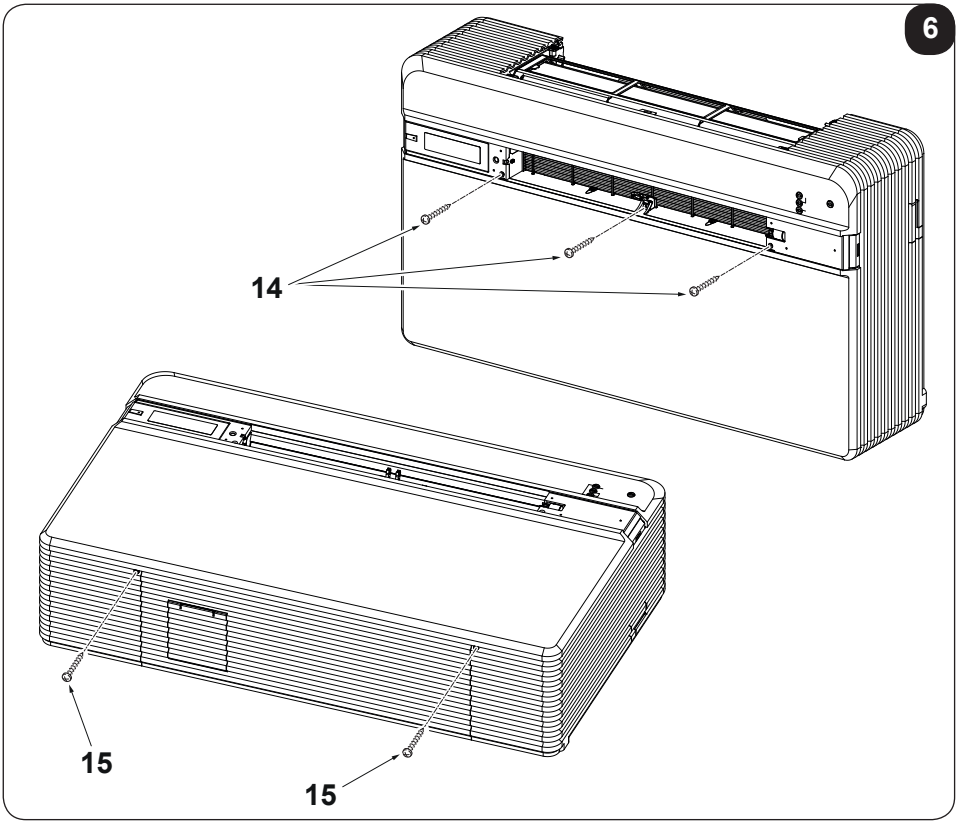
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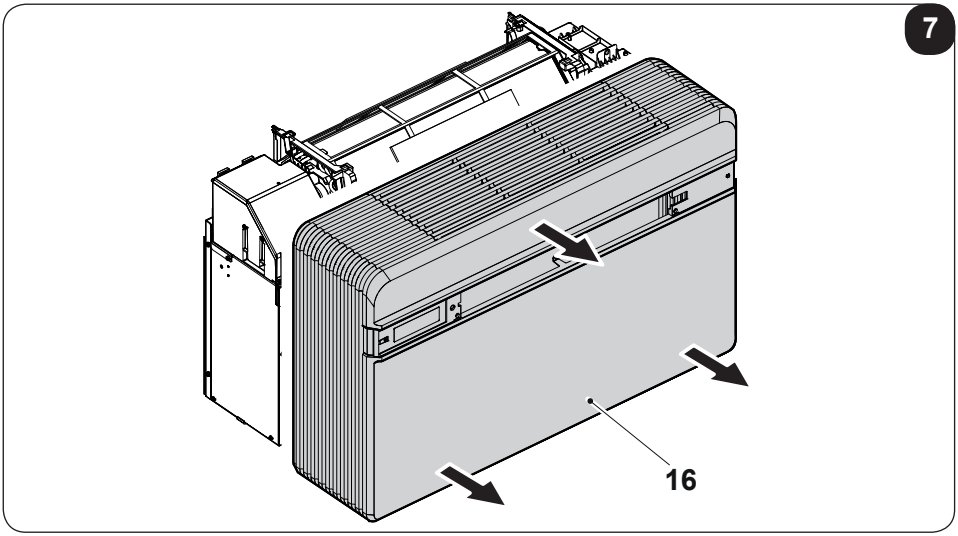
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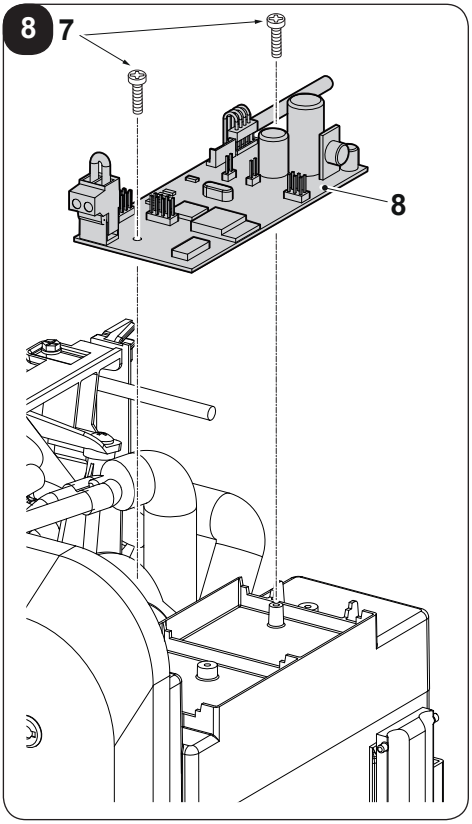
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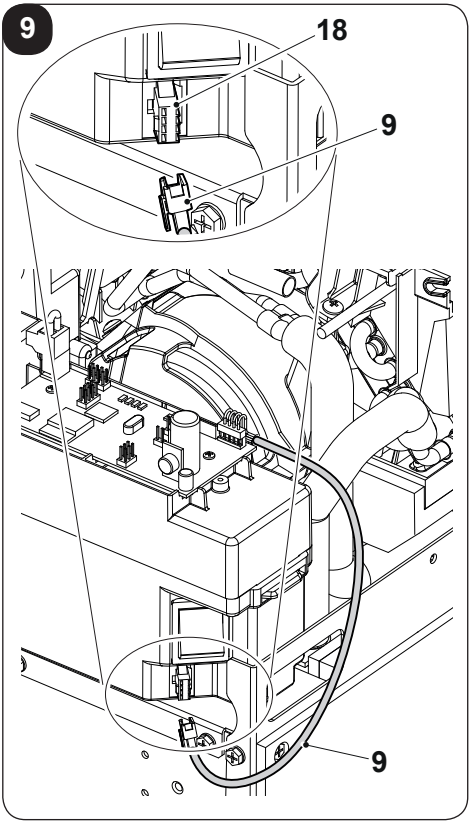
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DRAWINGS
The drawings are provided at the beginning of the manual

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2 - OVERVIEW

The Maestro Wi-Fi Kit allows the unit to which it is connected, to be controlled by an Android phone or iPhone app.

This manual provides all the information needed to connect the Maestro unit to the locally provided WiFi, allowing easy access from anywhere in the word.

Prior to installing, operating or maintaining your Maestro unit please make sure to read this manual and comply with the instructions contained within. The manual must be considered an integral part of the installation and use of the unit.

This manual should be stored in a safe place and should always be provided to the end user even if the unit is transfered to another user or moved to a new location. If the manual is either damaged or lost, please request another copy from OLIMPIA SPLENDID USA Technical Support at 800-408-5196 or download directly from www.olimpiasplendidusa.com .

3 - SYMBOLS

The symbols outlined in the following section provide the correct safety guidelines to follow for proper unit operation.

3.1 - Symbols used

Service
Indicates when you should contact the installing contractor, a local Authorized Service Center or the Olimpia Splendid **USA technical support 1-800-408-5196**

Index
The paragraphs preceded by this symbol contain extremely important information and safety regulations
Failure to comply can result in:
- Harm to the end user or occupants in the space
- Voiding of the factory warranty
- Disclaimer of liability by Olimpia Splendid USA

Raised hand
Indicate actions that should never be performed.

DANGER
Indicates that the operation described can cause physical harm to the user unless performed in compliance with factory approved safety regulations.

4 - GENERAL WARNINGS

The factory warranty does not cover issues related to:
- **Improper installation**
- **Extraordinary weather conditions or acts of God**
- **Tampering by unauthorized personnel**

This unit is specifically designed for use as comfort cooling in applications that meet the unit's specifications. Any other use is considered improper and possibly dangerous. Olimpia Splendid USA is not liable for any damages caused as a result of improper or unauthorized use.

Do not allow the unit to be operated by children or someone who is not familiar with its use, without proper supervision.

In case of system failure and/or malfunction, turn unit off immediately and do not tamper with it.

All requests for unit repairs/service or spare parts should be directed to your installing contractor, the nearest Authorized Service Center or the Olimpia Splendid Technical Support Team at 1-800-408-5196. Failure to comply with the above may compromise the safety of the space occupants or the unit.

If dismantling the unit all individual components must be disposed of according to local and/or national codes having jurisdiction. Components removed from the unit must be kept away from children to ensure their safety.

The installation must be performed by qualified personnel.

Important: Follow all instructions in this manual.

OLIMPIA SPLENDID USA WILL NOT BE HELD LIABLE FOR ANY DAMAGE TO PERSONS OR PROPERTY RESULTING FROM THE FAILURE TO COMPLY WITH FACTORY RECOMMENDED INSTRUCTIONS CONTAINED IN THIS MANUAL.

Olimpia Splendid USA reserves the right to make changes to its models at any time, without notice to the contents contained in this manual.

Observe the precautions mentioned in this manual for unit installation and maintenance; also take every precaution by using common sense and enforced by the local code and safety regulating entities.

Check the integrity of the unit when removing it from its packaging; do not leave any packaging material within the reach of children, as it is a potential source of danger.

- The Maestro Wi-Fi kit must be installed in a unit located near enough to the wireless router to ensure a strong signal.
  The Maestro app may disconnect if the Wi-Fi signal is too weak.
- In order to use the Wi-Fi card, the user's smartphone must be able to communicate via Bluetooth, Wi-Fi or data network connection based on its location in relation to the unit.
- The quality of the connection to a wireless network may be affected by the presence of electromagnetic interference.

- The simultaneous use of this equipment in close proximity of other radio frequency devices, can compromise the quality of the signal being transmitted or received until that communication is interrupted.
- This device uses a non-harmonized frequency; for restrictions on the use of these devices refer to local and/or national codes.

- Not all Android and IOS systems are compatible with this app. Olimpia Splendid USA is not responsible for any issues due to incompatibility.

- The Wi-Fi card must be connected 2.4 GHz Wi-Fi network.
- The Wi-Fi card is not compatible 5.2 GHZ" Wi-Fi network.

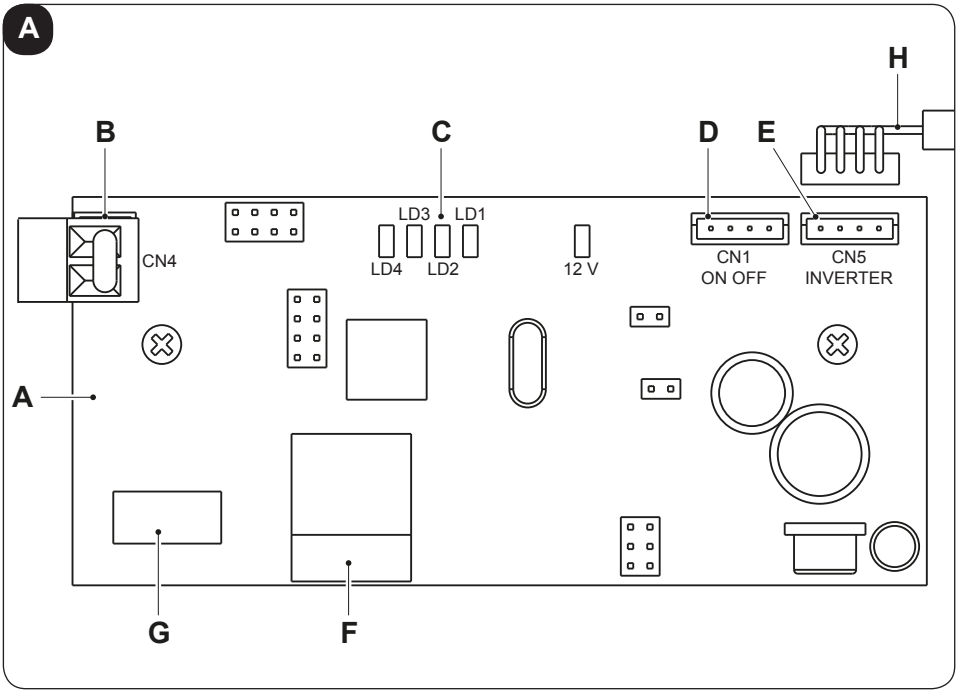
DISPOSAL

This symbol on the product or on its packaging indicates that the product should not be considered as normal household waste, but must be taken to the appropriate collection point for the recycling of electrical and electronic equipment. Disposing of the product in an appropriate manner avoids causing potential harm to the environment. For more detailed information please contact the city hall, local waste management services or other governing agencies where the unit will reside.

5 - INSTALLATION THE WI-FI CARD

5.1 - Part identification (Figure A)

A. Circuit board
B. Enable contact (if not used, leave the connector with the wire bridge, as supplied)
C. Function LEDs
D. Connector CN1
E. Connector CN5
F. Wi-Fi module
G. Bluetooth module
H. Communication cable



5.2 - Position of the connection cable

Connect the communication cable provided in the kit to the appropriate connector on the card (A) depending to the model of your unit.
• Maestro Pro connect the cable to connector CN5 (E).
• Maestro Smart connect the cable to connector CN1 (D).

5.3 - Choosing the interface installation location

“MAESTRO SMART” MODEL

The compartment for the B1018 board is located at the rear of the unit in the upper left, follow the instructions below to access it:

a. Disconnect the power supply to the unit.
b. Remove the unit from the wall mounting bracket.
c. Pull out the bottom cover (1) and the top cover (2). (Fig.1)
d. Unscrew the six screws (3) that lock the front cover (4), then remove it. (Fig.1)
e. Remove the rear protection (5) on the upper left by unscrewing the two screws (6). (Fig.2)
F. Install the B1018 card (8) in the appropriate housing and then tighten the screws (7). (Fig.2)
G. Connect the communication cable (9) to the serial port (9a) located below the electrical panel.
Pass the wiring on the left side of the electrical panel. (Fig.3)
h. Close the rear protection (5) and tighten the screws (6).
I. Replace the front cover (4) of the unit and secure the cabinet with the six screws (3).
m. Replace the upper (2) and lower (1) interlocking covers.
n. Remount the unit on the wall bracket.

“MAESTRO PRO” MODEL

The compartment to install the B1018 card is located behind the front of the unit in the upper right, follow the instructions below to access it:

a. Disconnect the power supply to the unit.
b. Open the supply air grill (11) and remove the two screws (10). (Fig 4)
c. Detach the right and left covers (12) with a screwdriver, then remove them and turn the flaps (13). (Fig.5)
d. Remove the three screws (14) and the two screws (15). (Fig.6)
e. Remove the front cover (16). (Fig.7)
F. Install the B1018 card (8) in the appropriate housing then tighten the screws (7). (Fig.8)
g. Connect the communication cable (9) to the unit serial connector port (18) and to the corresponding connector port on the B1018 card as specified in section 5.2. (Fig.9)
h. Replace the front cover (16) of the unit and secure the cabinet with the screws (14-15-10).
I. Close the supply air grill (11).

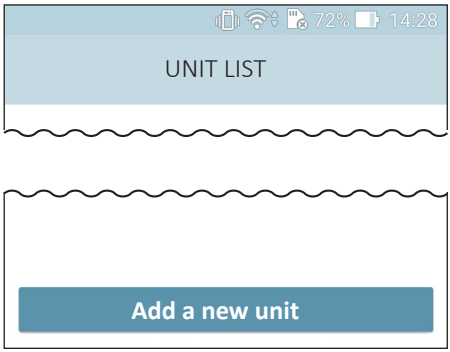
6 - DRY CONTACT

The card manages a dry contact (B) which when open forces the unit into stand-by mode and the open contact alarm is shown on the app.
When the contact is closed, the card forces the unit to start operating in the same mode as was being used prior to the dry contact opening.

7 - APP DOWNLOAD AND INSTALLATION

The ***OLIMPIA SPLENDID MAESTRO*** APP can be downloaded for free from the Google Play Store and iPhone App Store.

- Go to the Play Store or App Store to download the operating systems supported by Android and IOS.
- The ***OLIMPIA SPLENDID MAESTRO*** APP may be subject to change without notice, to improve its functionality and performance.
- When starting the Maestro app for the first time, it will display the “ADD A NEW UNIT” screen



For more information refer to the guide in the app or download the guide from www.olimpiasplendidusa.com

8 - FAULT CODE DIAGNOSTICS

Description	LED 1 (green)	LED 2 (red)	LED 3 (yellow)	LED 4 (yellow)	Blue LED on the WiFi module
Communication issues between the Wi-Fi card and unit	**Flashing**	-	-	-	-
Wi-Fi network configuration OK, but there is NO internet connection	-	**Flashing**	-	-	**Flashing**
Wi-Fi network NOT configured	-	**OFF**	-	-	**Flashing**
Bluetooth NOT operating	-	-	**Flashing**	-	-
Dry contact open	-	-	-	**ON**	-

ON Steady light
OFF No light
- Unchnaged

9 - TECHNICAL DATA

Bluetooth

Operating frequency band ..... 2.4 GHz to 2.44835 GHz
Maximum transmitted power ..... -2.7 dBm
Communication standard ..... Bluetooth LE
Antenna ..... Integrated in the PCB

Wi-Fi

Operating frequency band ..... 2.4 GHz to 2.44835 GHz
Maximum transmitted power ..... 10.1 dBm
Communication standard ..... IEEE 802,11 b/g/n
HTTPS - Port 443
Local socket - Port 2000
Antenna ..... Integrated in the PCB

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263056A-1

OLIMPIA SPLENDID spa
via Industriale 1/3
25060 Cellatica (BS)
www.olimpiasplendid.it
info@olimpiasplendid.it

OLIMPIA SPLENDID USA, Inc.
66 White Street - 5th floor
New York, NY, 10013, USA
https://www.olimpiasplendidusa.com/
customerservice@olimpiasplendidusa.com