

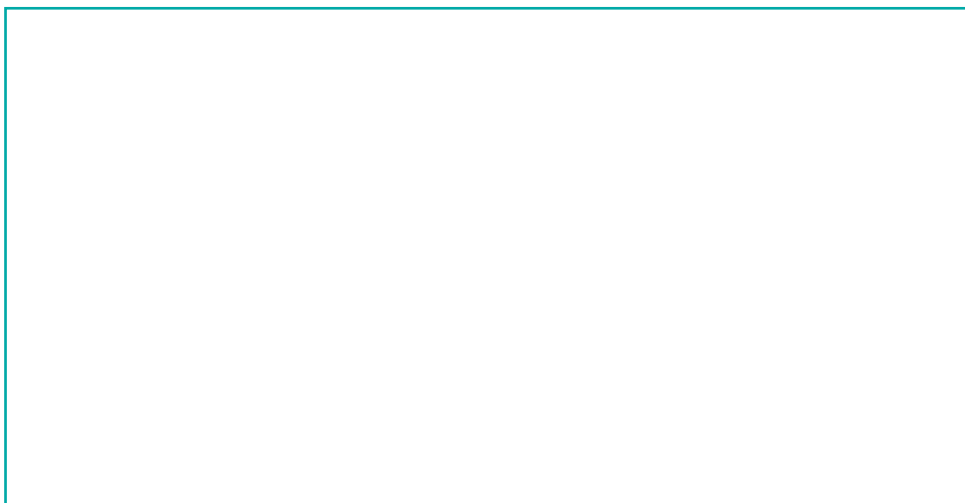
TPUMP-W

Ed. 2.23



ENGLISH (EN) User manual

WiFi communication device with IoT connectivity
for TPM7 and VIGILEC COMPACT series devices



Installation must be performed by an electrician.



It is essential to read this technical manual before proceeding.

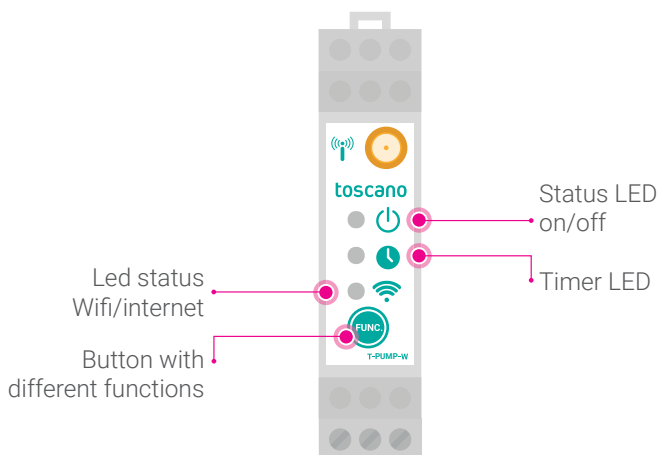
SAFETY WARNINGS

ATTENTION! Before making any adjustments, it is essential to connect the motor or pump to the equipment to avoid unexpected tripping of the underload protection (minimum load 0.5A). We recommend that you follow all locally approved safety instructions and procedures when working with electrically connected equipment. Important safety information is listed below. For the safe installation and operation of this equipment, make sure to read and understand all cautions and warnings. ⚠ **WARNING:** Before installing, operating, doing maintenance, or testing this equipment, please read and understand the contents of this manual. Improper operation, handling, or maintenance could cause death, serious personal injury and damage to the equipment. ⚠ **WARNING:** This equipment is not designed to safeguard human lives. Follow all locally approved safety procedures and practices when installing or operating this equipment. Failure to do so could cause death, serious personal injury and damage to the equipment. ⚠ **WARNING:** Dangerous voltages. Contact with electrical current will cause serious personal injury or death. Follow all locally approved safety procedures when working around high voltage lines and equipment. ⚠ **WARNING:** This equipment requires regular inspection and maintenance to ensure proper operation. If it is not maintained properly, it could stop working correctly. Improper operation could cause equipment damage and possibly result in personal injury. ⚠ **WARNING:** All connections must be made by a qualified person. There is a risk of electric shock if this precaution is not followed. ⚠ **WARNING:** Additional pump motor protection can be added when required during installation. ⚠ **WARNING:** If the equipment is used or modified outside of what is specified by the manufacturer, Toscano disclaims all responsibility for improper use. The interior of the equipment should only be handled by our technical service personnel.

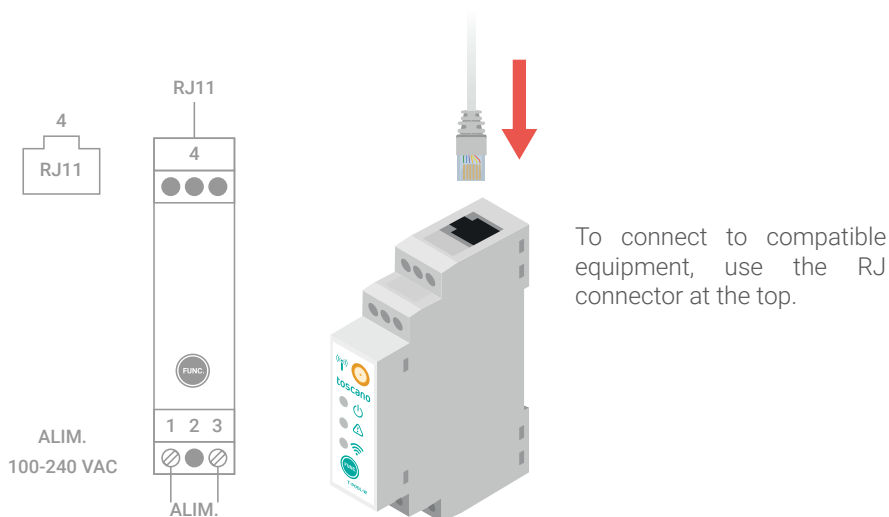
1. GENERAL DESCRIPTION

TPUMP-W is designed to provide IoT connectivity via WiFi to compatible devices through an app. It offers real-time monitoring, alarms and timers for an optimal user experience.

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2. INSTALLATION



3. USAGE

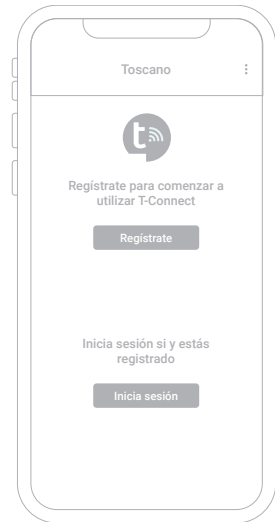
3.1. INSTALLING AND STARTING THE APP

- 1 Download the "Tpump-W" App 

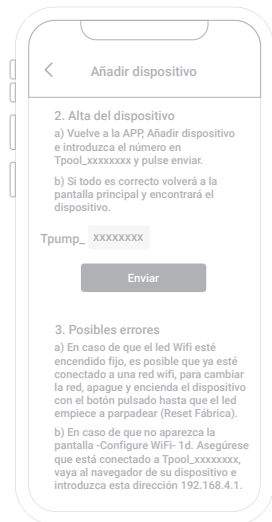
App android



- 2 Once the App is installed, the home screen appears. Click on "Register" if the device is not yet registered, fill in all the fields and click on "Submit".
- 3 First screen without associated devices.
- 4 Tap on "+" and follow the instructions.



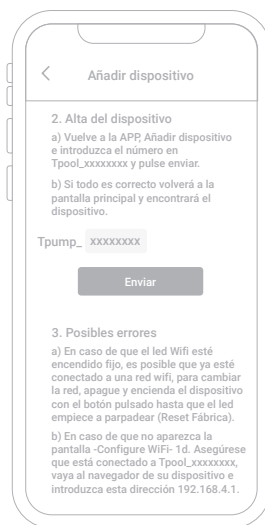
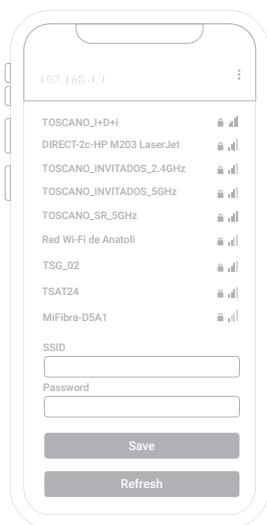
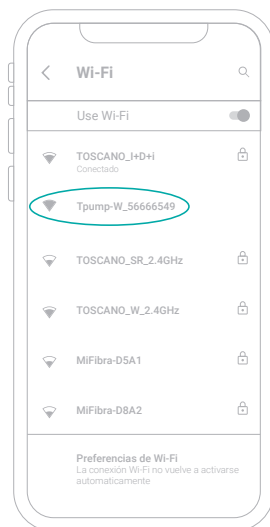
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3.2. DEVICE PAIRING

To use TPUMP-W, the device must be installed and connected to a WiFi network. The WiFi LED flashes continuously.

- 1 Go to the "Networks and Internet" section on your smartphone, a network called "Tpump-W_xxxxxxx" should appear, copy the number xxxxxxxx and connect to this network.
- 2 A screen will appear in your browser, if it does not appear, see the "Miscellaneous" section. Click on "Configure WiFi".
- 3 Next, a menu will open that will allow you to select the WiFi network to which you want to connect TPUMP-W, enter the password and click on "Save".
- 4 After a few seconds, if everything is correct, the WiFi LED will stop flashing and will become fixed, otherwise it is possible that the password is not correct and you will have to repeat the process.

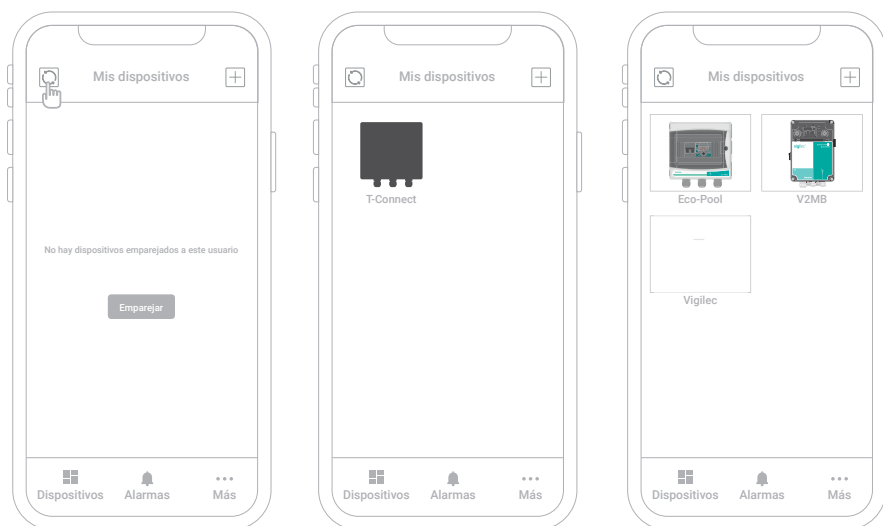


If everything is correct, we must return to the APP to complete the registration of our device. Enter the number and click on "Send".

If everything is correct, you will be returned to the main screen, click on  to display the device. If it does not appear, it may be because the RJ11 connector is not connected or the equipment to be controlled is switched off.

If the RJ11 is connected, the corresponding device will appear on the screen.

The functions of the App will depend on the equipment to which it is connected.



4. OPERATION

  **Power status LED**
Indicates if the device is switched on

  **WiFi status LED**
Indicates the WiFi status.
Flashing: not connected / Steady: connected

  **Timer status LED**
Solo para equipos con esta función.

 Used to reset/factory reset TPUMP-W and reset the timer.

5. ALARM

There are alarms in TPUMP-W related to WiFi/Internet.

- **Not connected to the Router**



If the LED flashes continuously there is no WiFi connection, in this case it may be due to:

- First connection
- Factory reset
- Router switched off or faulty. Lack of coverage.

In this case, if we access via WiFi, it will take us to connect to a new WiFi network.

- **Connected to Router but no internet access**

The LED flashes cyclically.

6. RESET

Factory Reset

This reset will remove the device from the database and erase the connection to the router. Press and hold the **FUNC** button with the **TPUMP-W** turned off. Switch the device on and off, the WiFi LED will blink until it connects to the WiFi network and the LED will turn to solid. It is important that it connects to the Internet, after a few seconds the LED will turn off, it will flash again and you will be able to stop pressing the button.

7. MISCELLANEOUS

- In the first installation and in case you are connected to the TPUMP-W via WiFi and the APP to pair does not appear, go to your browser and enter the **IP 192.164.4.1**
- On first installation, if the application interface does not appear, check that the **WiFi LED** is on and the **RJ11 cable** is correctly connected.

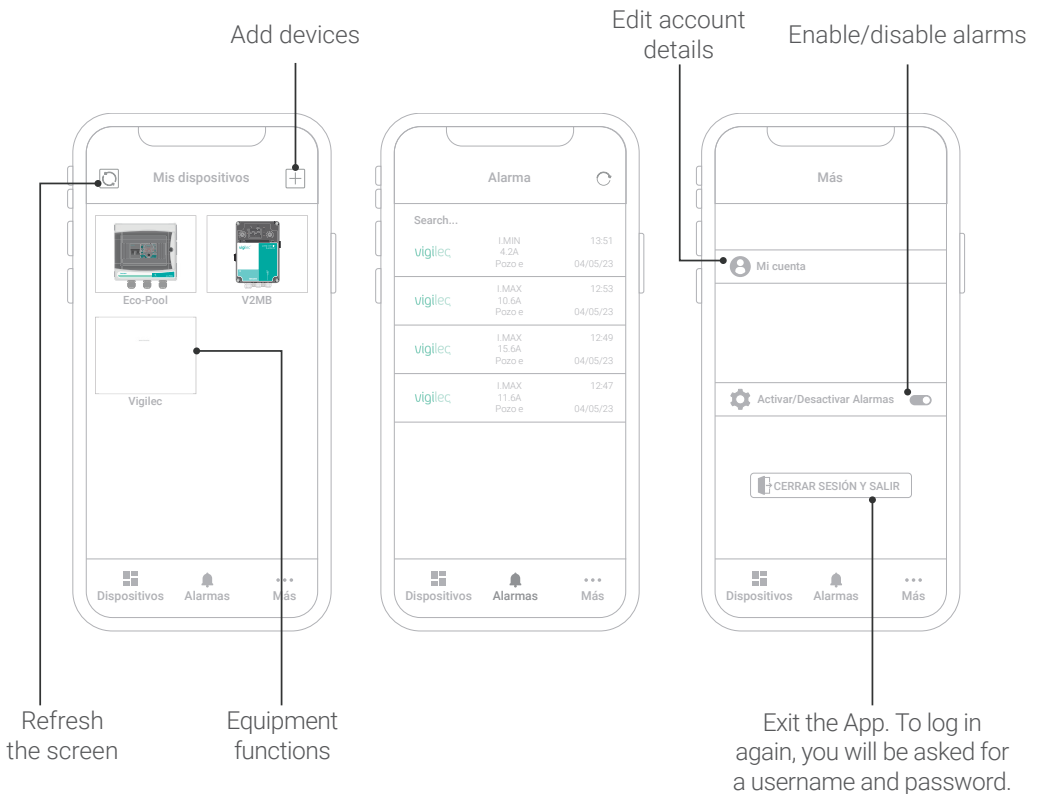
8. APP OPERATION

The operations in the app will depend on the device to which it is connected. There are general functions that are the same for several models and others that are specific to the device model.

8.1. DESCRIPTION OF GENERIC FUNCTIONS

- When you start the App (logged in) or when you click on “Devices” you access the screen where all your devices are located.
- By clicking on “Alarms”, we go to the alarm screen of all the devices you have installed.
- By clicking on “More”, we go to the generic functions of the “APP”.

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8.2. DESCRIPTION OF SPECIFIC AND COMMON FUNCTIONS PER MODEL

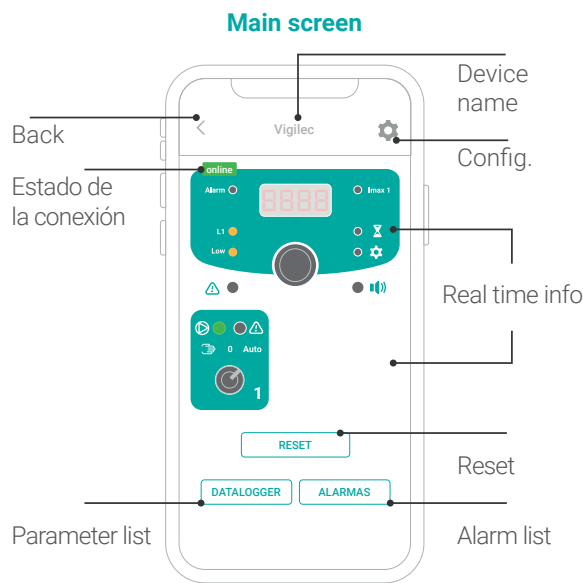
There are common functions among the different device models, such as:

- Alarms.
- Share device.
- Real-time information.

There are specific functions depending on which equipment TPUMP-W is connected to.

9. COMPATIBLE EQUIPMENT

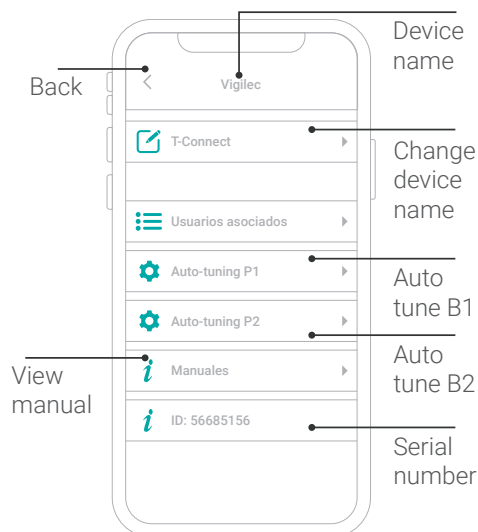
9.1. V1B



Datalogger

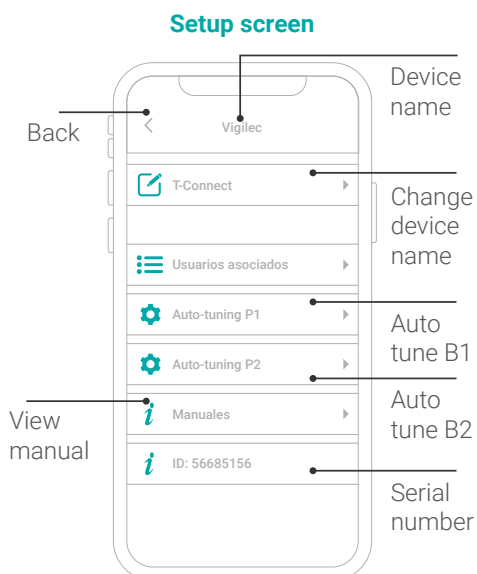
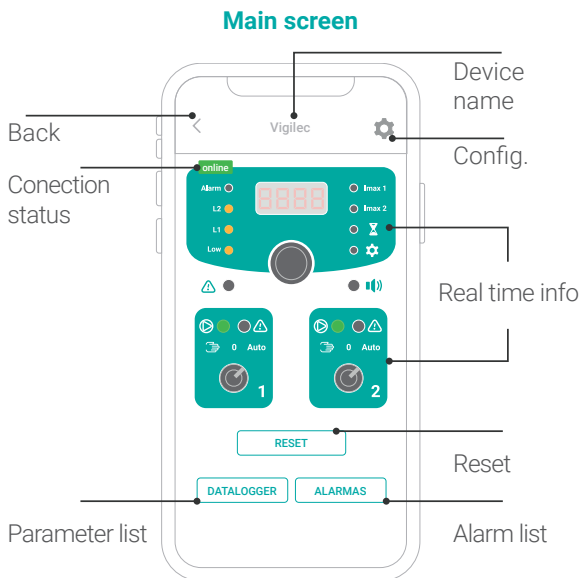


Setup screen



Screen displaying equipment parameters

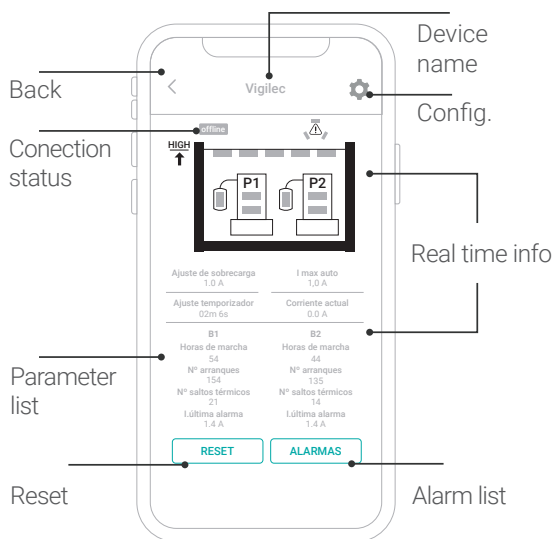
9.2. V2B



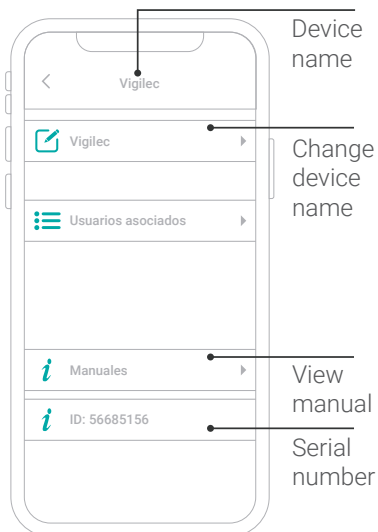
Screen displaying equipment parameters

9.3. V2MB

Main screen

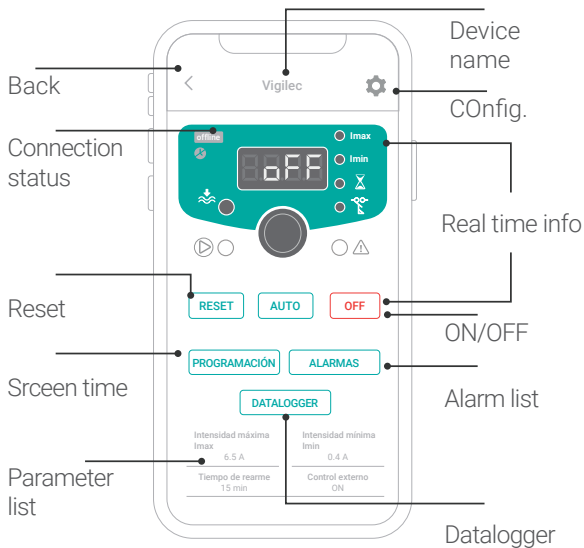


Setup screen

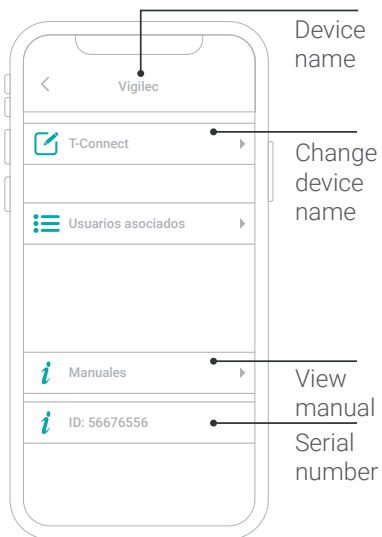


9.4. V1M / V1N

Main screen



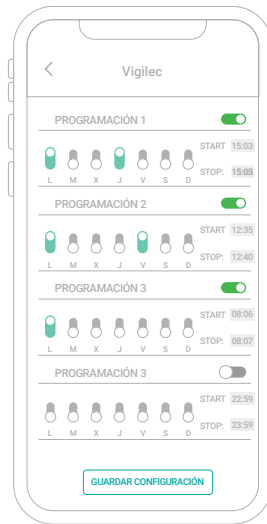
Setup screen



Datalogger



Screen time

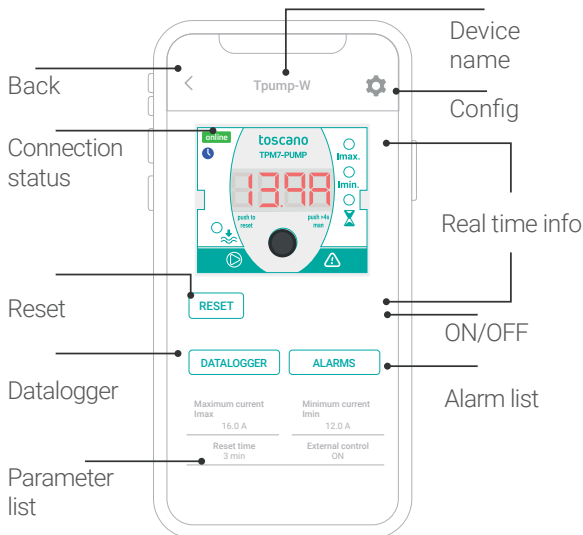


It has four independent timers to program the use of the equipment, click on the parameter to change it.

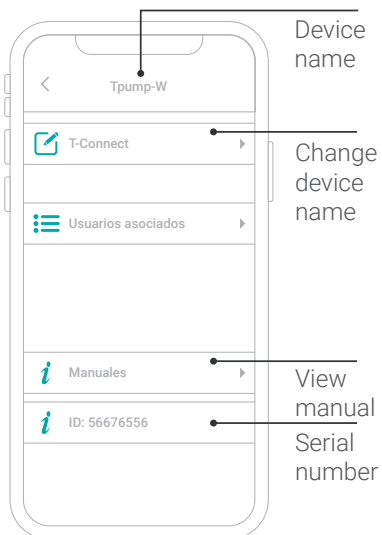
Click on “SAVE SETTINGS” to save the changes.

9.5. TPM7

Main screen



Setup screen

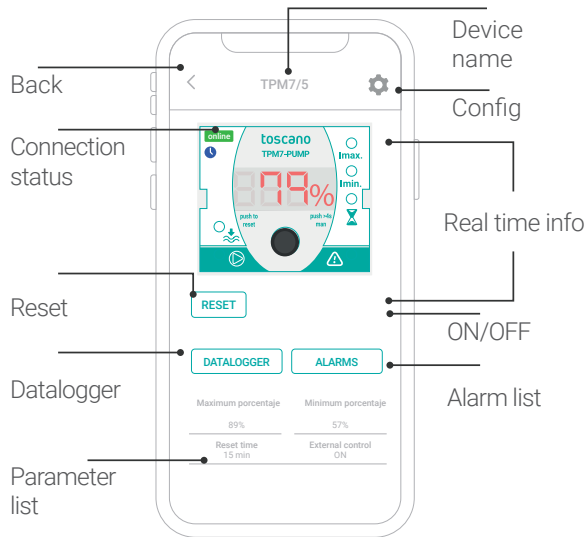


Datalogger



9.6. TPM7/5

Main screen



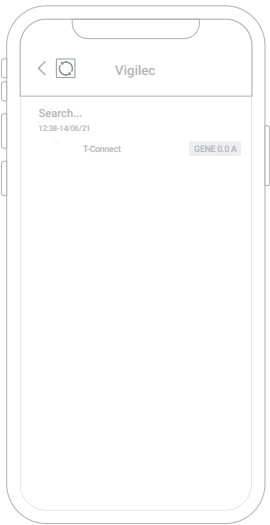
Datalogger



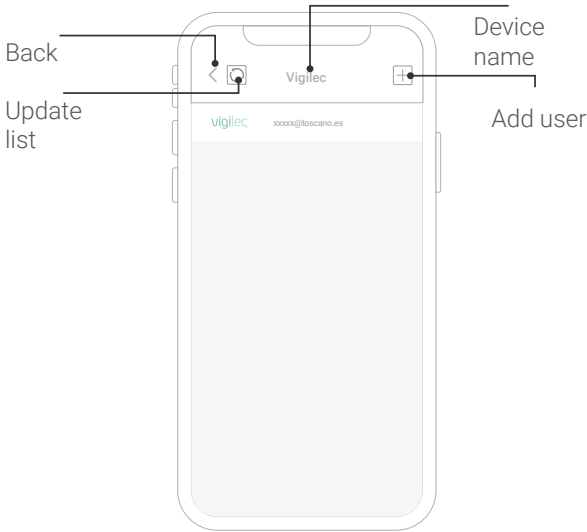
10. COMMON SCREENS

10.1. ALARM SCREENS

In this screen we have the specific alarms of the equipment, where we will find information about the incidents of the equipment.



10.2. ASSOCIATED USERS SCREEN



11. TECHNICAL CHARACTERISTICS

Power supply	100/240 VAC 50/60Hz
power consumption	250 mA máx.
Measures (mm)	90 x 65 x 18 mm (Length x Width x Depth)
Weight	150 g
Antena	External, 2 metres of cable
Wi-Fi	2,4 GHz band 802.11b/g/n

toscano

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