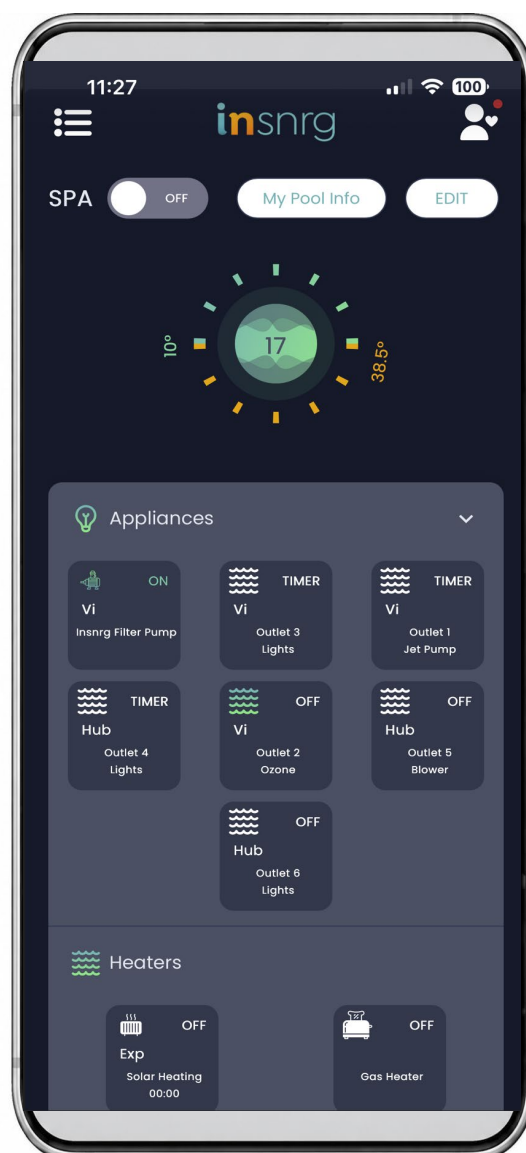




Installation & Operating Manual

inTouch Portal Installation

A COMPLETE GUIDE TO YOUR POOL AUTOMATION SYSTEM



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POOL OWNER PRE CHECK FOR INTOUCH AUTMATION CONNECTION

BEFORE CONNECTING YOUR INTOUCH AUTOMATION APP PLEASE ENSURE THE FOLLOWING:

Requirements:

1. Ensure your home Wi-Fi is connected and you can navigate the internet.
2. Ensure you know your home Wi-Fi connection name and you have your home Wi-Fi password.
3. Registration process, download app process etc.

Once your Insnrg internet Portal is connected to your home Wi-Fi system, you will be able to connect and control your inTouch App from your phone, tablet or computer any time these devices are connected to the internet.

So long as your device is internet connected and the inTouch Portal is connected to your home Wi-Fi, you will be able to monitor and control your pool system.

Please read the inTouch installation instructions for Portal Installation location and connection.

What equipment works with the App?

InTouch works best with a complete Insnrg Equipment pad which is connected via Cat 5e cable. This allows you to read and change values such as Chlorine (ORP), pH and temperature settings. Pool/Spa operation and control to each appliance such as lighting which is powered from the Vi, Ri or Expansion module can be turned on, off or put into timer mode.

These instructions should be read in conjunction with the Vi Chlorinator, Ri Dosing unit or Insnrg Relay Hub.

WARNING

WE CARE ABOUT YOUR SAFETY

IMPORTANT WARNINGS

WARNINGS: Please read and follow all instructions in this owner's manual and on the equipment. Failure to follow instructions can cause severe injury and/or death.

INSTALLERS: Insnrg highly recommend the installation of all their equipment by suitably qualified pool professional who will ensure your high performance Insnrg products are installed to your local standards and codes to ensure optimum safety and performance.

 **DO NOT CONNECT** any Insnrg Appliance, including the Portal to the home router or modem by data cable.

 **THIS IS A WI-FI DEVICE ONLY**

 **THIS APPLIANCE MUST BE INSTALLED IN A POSITION THAT IS ACCESSIBLE FOR MAINTENANCE AND SERVICE. INSNRG WILL NOT PUT TECHNICIANS AT RISK OF INJURY TO MAINTAIN OR SERVICE AN INACCESSABLE APPLIANCE.**

The inTouch Portal connects your Vi Chlorinator and/or your Insnrg Expansion Relay Module to your home Wi-Fi and allows you to control your pool automation system after installing the Insnrg App. Download from www.insnrgapp.com and add to your homescreen.

CONGRATULATIONS ON PURCHASING YOUR INSNRG POOL AUTOMATION SYSTEM.

This manual has been carefully developed to give you all the information you need to get the best value from your purchase.

It is important that you read through the manual to identify the key areas you need to understand, particularly the following:

- Health and Safety Concerns

- Installation requirements
- How to operate the major features of your system
- The importance of maintenance
- If you have a problem and what to trouble shoot before you contact your pool professional
- Finally, your entitlements under your product warranty

Insrng have developed their products to provide you with a great experience and are sure you will be delighted with your purchase.

PLANNING YOUR WI-FI CONNECTION

Before locating the inTouch Portal, check that you have stable 2.4G Wi-Fi with at least 2 bars where the Portal is being installed.

If building a new pool and the equipment is located more than 20 metres from your home Wi-Fi source, in a plantroom or other enclosure that is surrounded by thick walls, metal or steel reinforcement the best result will be achieved if a Cat 5e or Cat 6e cable is installed and terminated at the equipment and near your home Wi-Fi source.

The inTouch portal operates on the 2.4G Wi-Fi band as this frequency has a longer range than 5G. Generally, the portal will connect wirelessly to the home Wi-Fi system when installed up to 30 or 40 metres from the Wi-Fi device however, there are many factors affecting Wi-Fi strength including but not limited to:

- Age and quality of the Wi-Fi device
- Type of construction of the home and walls in which the Wi-Fi signal has to pass through
- The location of the Portal ie: if surrounded by a metal or steel frame a Wi-Fi signal may not pass through or reach the portal

The Wi-Fi signal can be improved or extended in the following ways:

1. Move the Portal closer to the Wi-Fi system. The Portal data cable connecting to the Insnrg equipment system can be up to 50 metres using a Cat 5e cable. A 10m, 20m or 50 m Cat 5e data cable can be purchased from Insnrg.
2. A Wi-Fi range extender, booster or repeater that places the extended between the Wi-Fi Source and the inTouch Portal
3. A Cat5e or Cat 6e cable run from near the Wi-Fi source to the equipment pad and plugged into the Insnrg Equipment. In this case the portal can be located inside the home closer to the Wi-Fi source. **DO NOT CONNECT INSNRG EQUIPMENT DIRECTLY TO A MODEM OR PATCH PANEL.**
4. Install a Wi-Fi over power line extender.

In general, if you can achieve a 2 bar Wi-Fi signal on your smart phone at the location of the inTouch Portal the signal will be sufficient.

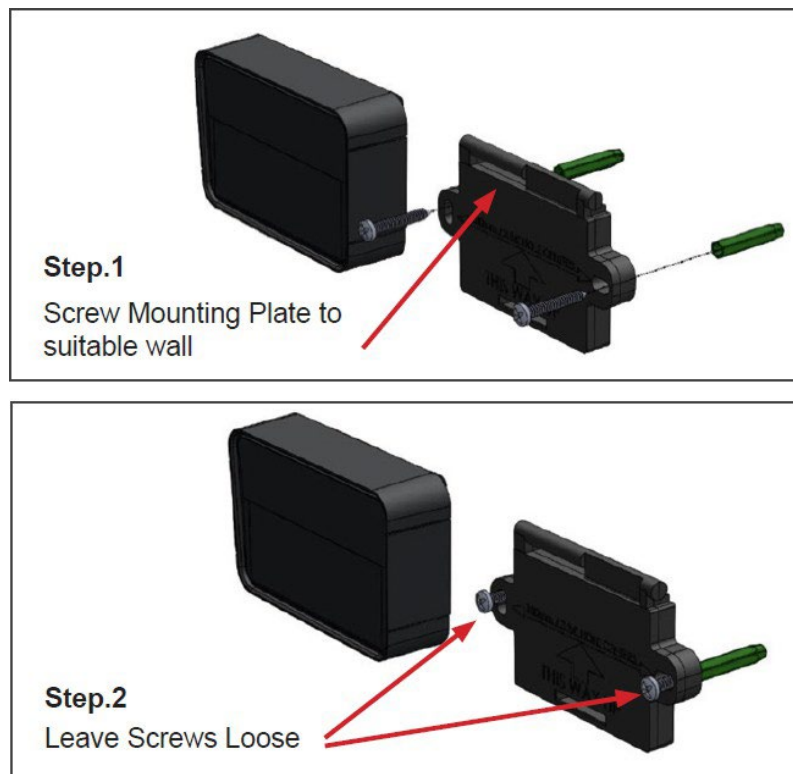
INSTALLATION

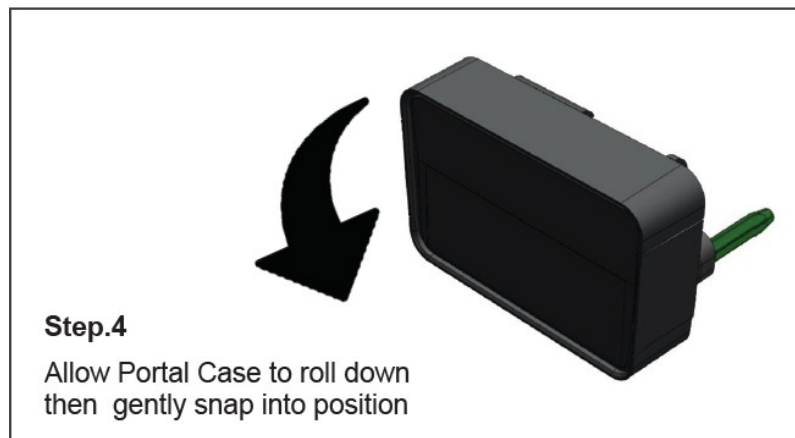
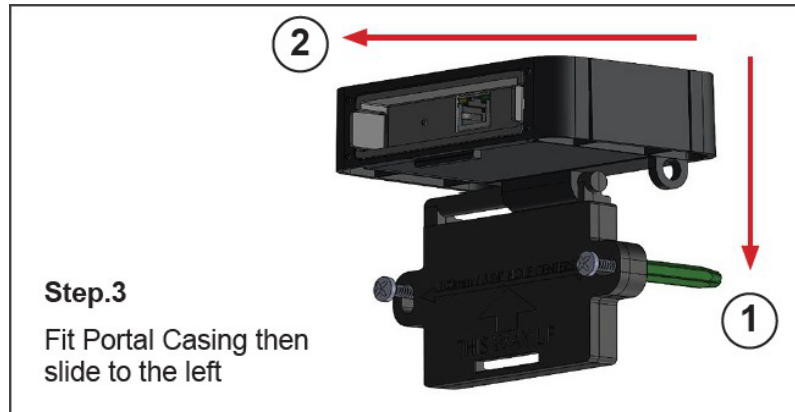
The inTouch Portal is supplied with the following:

- An integral mounting plate
- 2 x 10g x 1 ¼" Philips head 316 SS screws
- 2 x plastic wall plugs
- 1 x 3m Cat 5e data cable

Ensure the inTouch Portal is installed out of direct sun and mounted so that water cannot ingress the underside (cable connection point).

The portal will obtain its power from the Cat 5e or Cat 6e data cable that connects it to the Insnrg equipment system.





CHECK LIST

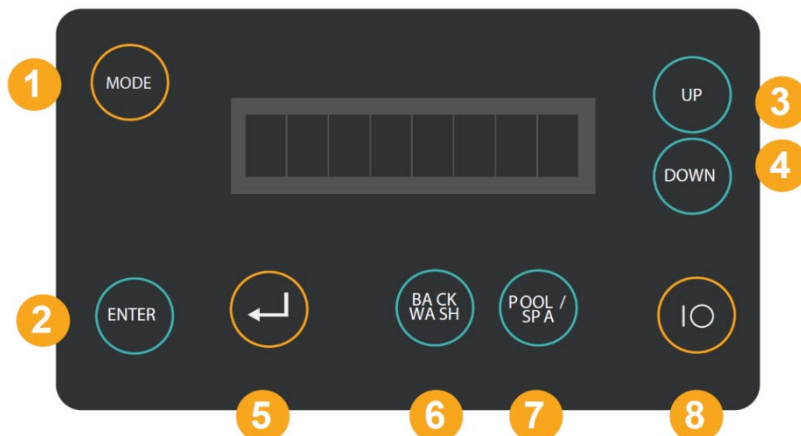
- ✓ Portal is securely mounted out of direct sun with connections facing down
- ✓ Cat 5e or Cat 6e cable plugged into portal underneath
- ✓ Other end of Data Cable plugged into Insnrg Vi, Expansion relay hub or Insnrg Heater
- ✓ Both lights on bottom of Portal are now flashing rapidly (before Wi-Fi connection is made)
- ✓ Wi-Fi is stable using Smart Phone to Connect

CONNECTING YOUR INTOUCH PORTAL

The initial Wi-Fi connection must be made using (1) your Insnrg Vi Chlorinator/Automation system or (2) from your Insnrg Relay Hub (if installed without the Vi Chlorinator).

From your Chlorinator or Relay Hub control Screen:

Pre September 2023 Vi Chlorinators



Post September 2023 Vi Chlorinators



Press Mode (1), (first press illuminates the back light on LCD), continue to press Mode until “Service” menu is displayed.

Using the Up (3) button enter the SERVICE MENU password. Select 2 and press ENTER. Repeat this process until 2, 2, 2, 2 is displayed.

Press ENTER repeatedly until the screen displays “SET UP WiFi”. Using the

Up button select YES and press ENTER.

The unit will now search for available Wi-Fi bands. Using the UP or DOWN buttons select your Wi-Fi name and press ENTER. You will now be prompted for your Wi-Fi Password.

The POOL/SPA button will now select:

a (lower case letters)

A (upper case letters)

1 (numerals)

. (symbols)

After selecting the correct digit style (upper, lower case, number or symbol) use the UP or DOWN arrow to select the correct password. Once selected wait up to four seconds for the cursor to move to the next position. If a mistake is made, use the back arrow (5) to move the cursor a previous position.

When the password is entered, allow the cursor to move to the next position then press ENTER. The unit will now display "CONNECTING TO Wi-fi" and once connected display CONNECTED.

Press the back arrow (5) a few times and navigate to VIEW WI FI.

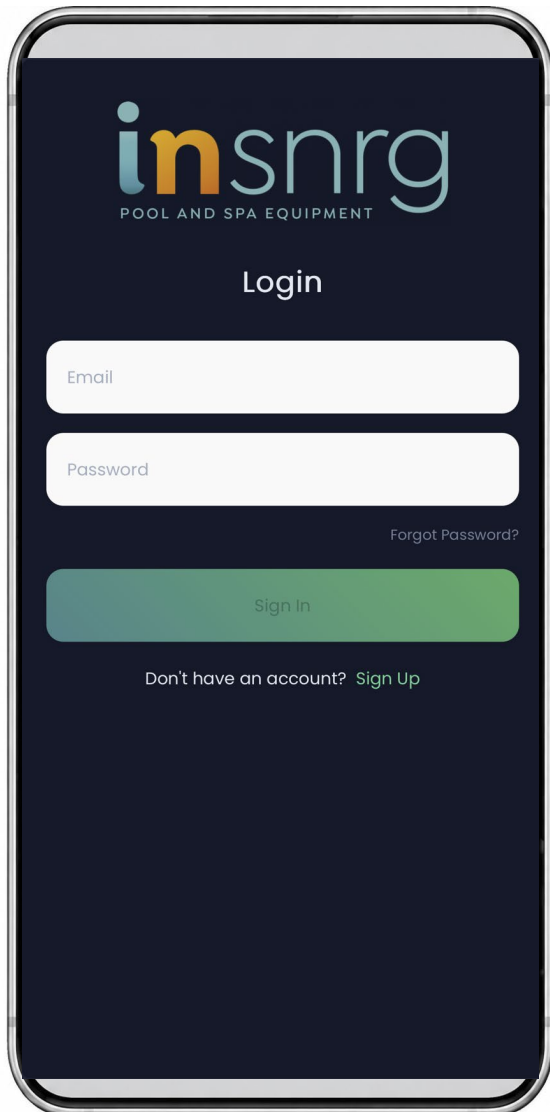
Use the UP or DOWN arrow to determine the connection strength, connection to AWS server and that your internet connection is ON LINE. You can now use the BACK button (5) until you return to the home screen.

INTOUCH APP SET UP AND OPERATION

Your Insnrg Equipment is now ready for connection to the inTouch Automation App. iPhone or iPad using Safari as web browser:

Open Safari Web Browser on your iPhone or iPad

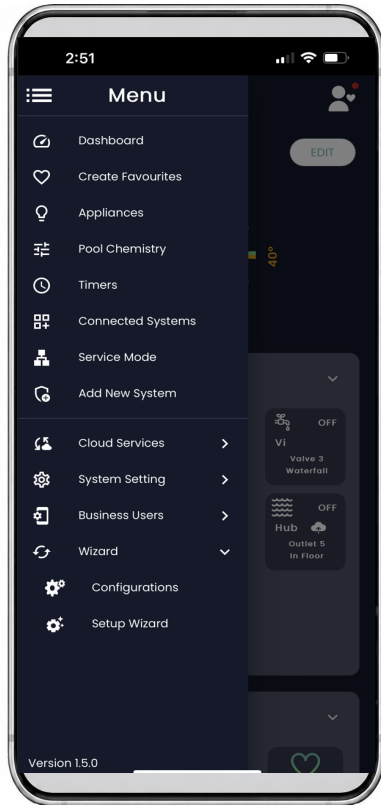
Type <https://www.insnrgapp.com/home>



Tap Sign Up and use an email Address to register. The App will send your email a 6 digit verification code that you will be required to enter.

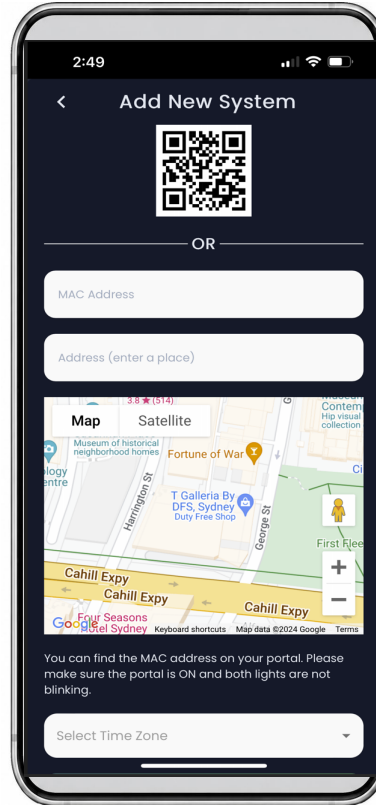
Configure a new pool System after wi-fi connection

1



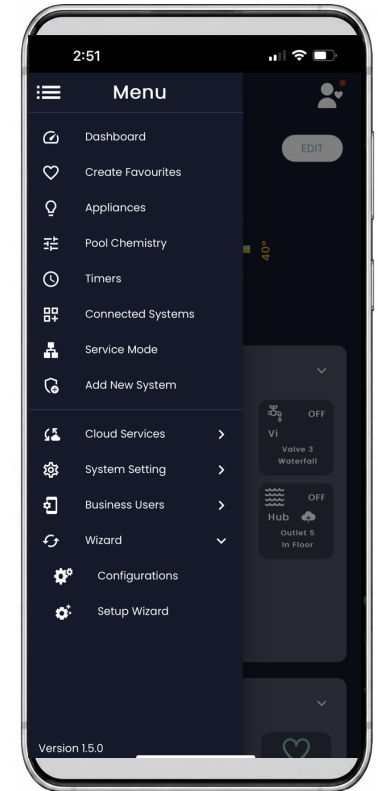
Ask Customer to read out MAC address on rear of Portal or from Service Mode Menu on App>Enter their street Address and Time Zone

2



Tap Add New System>QR Code, take photo of QR code on rear of portal and complete details

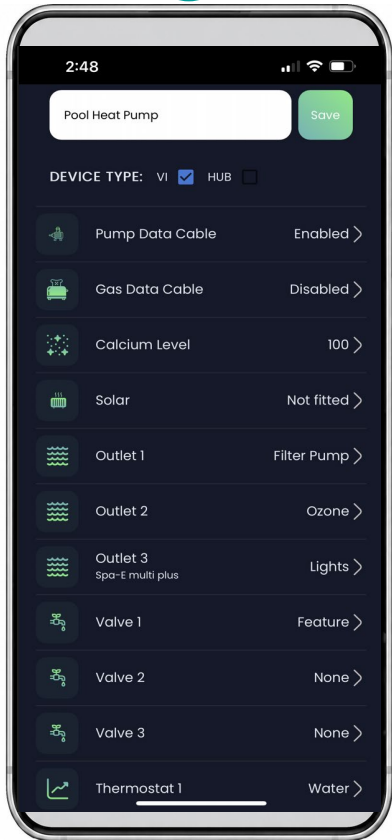
3



From drop down menu select System Setting>System Installation and follow the prompts

Configure a new pool System after wi-fi connection

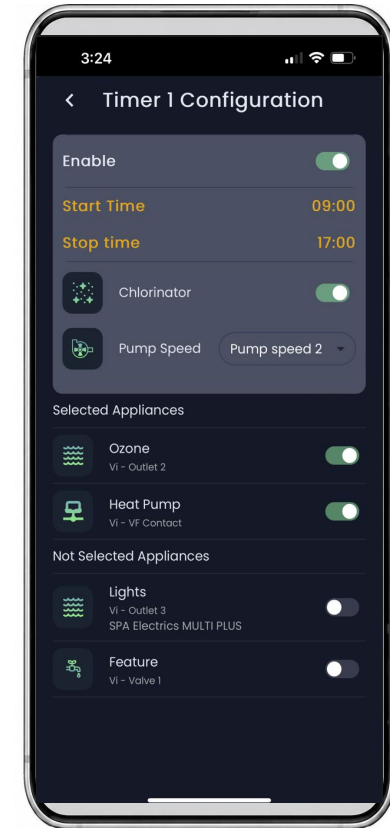
4



5

Allow 5 minutes to Hardware to Load then ask Pool Owner to turn all equipment off (at the power points) and on again. Allow 1 minute for portal to reconnect.

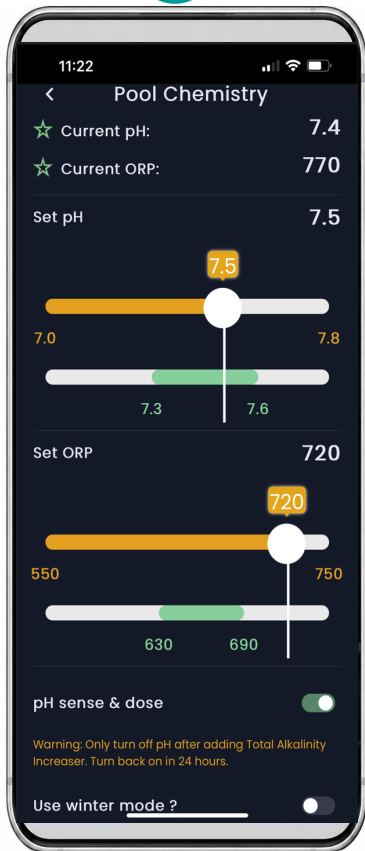
6



Set Timer Periods (do not cross over timers), enable, then enable each appliance to run in the timer period.

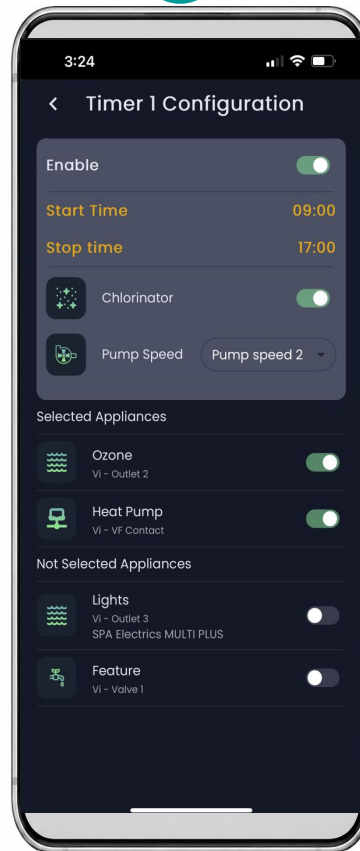
Configure a new pool System after wi-fi connection

7



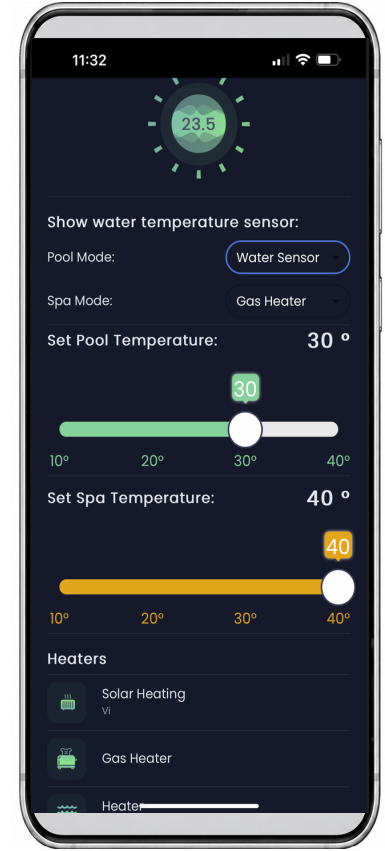
From Home Page tap Pool Chemistry, set pH and ORP using slider settings

8



Set Each timer period and assign the appliances to operate during that timer

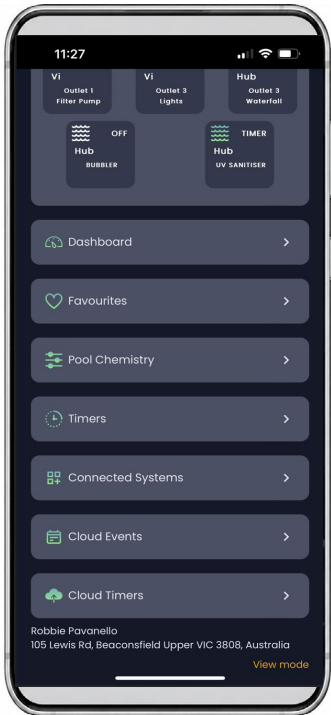
9



On Home screen tap temperature icon, then set temperature, heater preferences and solar from heating screen

Configure a new pool System (After connecting Wi-Fi to inTouch Portal First)

10

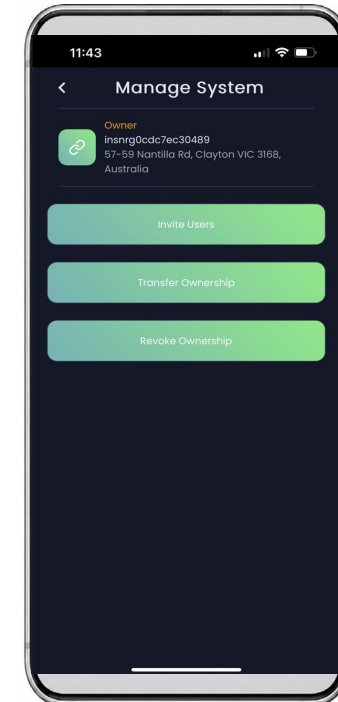


From home screen set up advance features such as cloud timers which override hardware timers and cloud events

11

Once Solar and other heater preferences are set, turn off power to all hardware and on again. Allow one minute for Wi-Fi to reconnect.

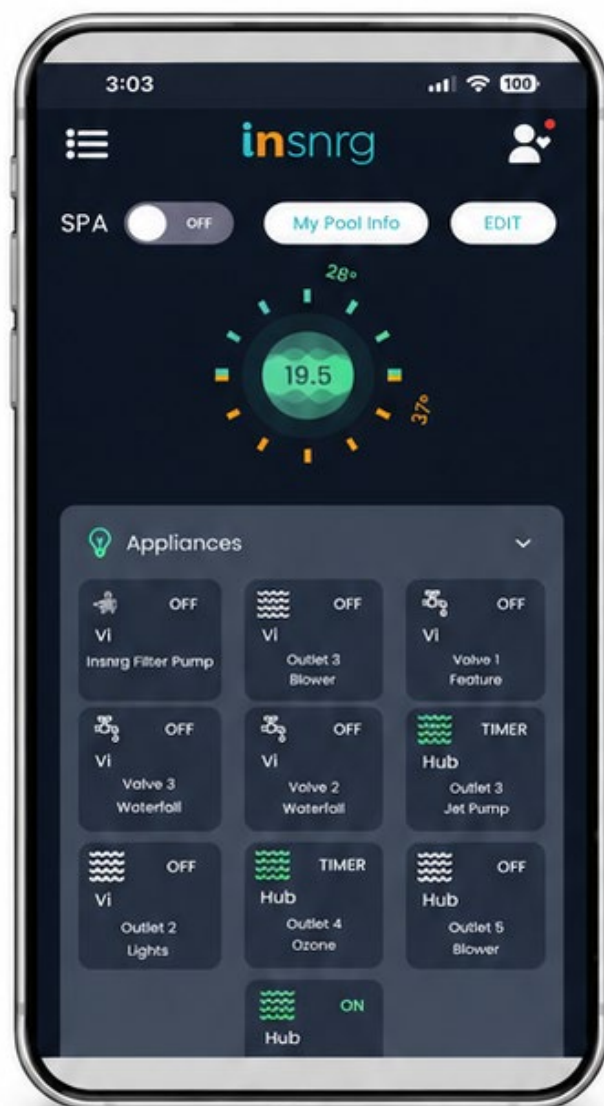
12



Invite other users or transfer ownership to pool owner

Finish

GENERAL LAYOUT OF INTOUCH AUTOMATION APP



Home screen

Tapping the Temperature Display allows you to set pool and spa temperatures and turn heaters on/off or set in Timers periods.

The Home Screen can be edited, hiding icons or changing location of icons for easy access. The menus on the home screen include Appliances, Favourite Routines, Pool Chemistry, Timers, Dashboard, Cloud Features and Ask Insnrg Tech Ai.

The top left drop down menu allows you to select Service Mode, System Installation, Set Up Wizards, and your home screen menus.

The menu at top right drops down to reveal Invite Users, Manage System, Notifications and Alerts, and Change Theme.

ADD NEW SYSTEM

Press the drop down menu and select Connected Systems. Tap on Add New System to display System connection menu.

On the rear of your inTouch Portal you will find the unique MAC address. Tap on the QR code icon, and use the phone camera to capture the MAC address, then enter the street address of your pool.

Alternatively, you can type the MAC address into the screen.

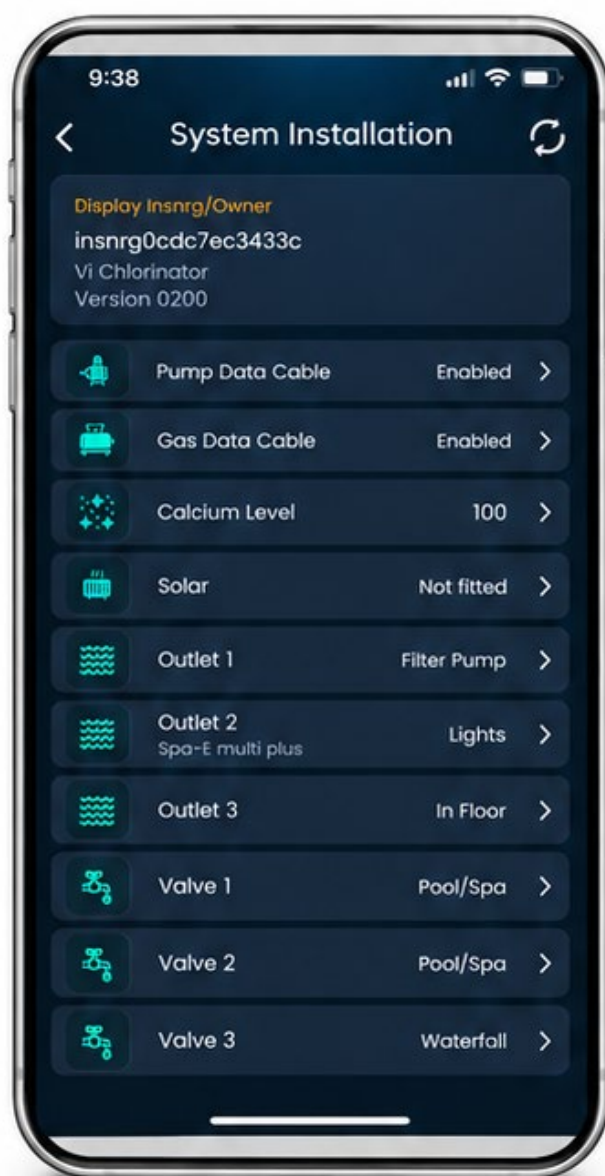


Add New System

SYSTEM INSTALLATION

Tap the drop down menu, select System Setting, then System Installation. This will enable the system to be set up and configured to run your equipment.

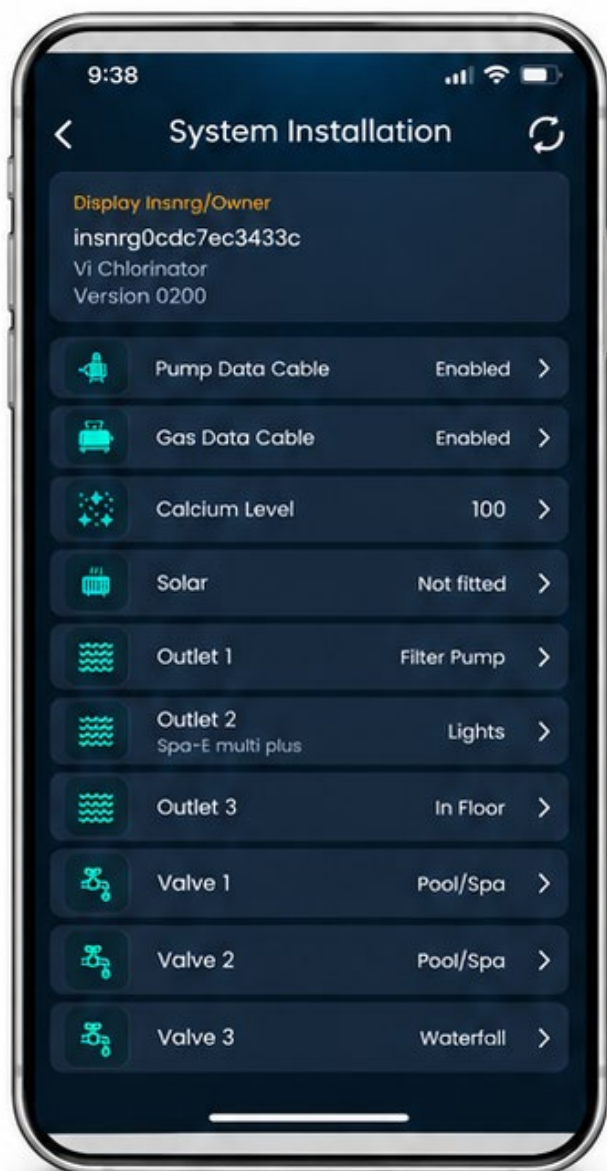
Check and note which appliances are plugged in, data cabled and operated by the Vi Chlorinator and Relay Hub.



Enable data communication with Insnrg Variable Speed Pump when data cable is connected between Chlorinator or Relay Hub controller and pump. When enabled, select the model of the variable speed pump and the RPM of each speed setting.

System Installation

DISCOVER CONNECTED APPLIANCES



When a Relay Hub is installed in conjunction with a Vi, press the Discover icon on the top right of the System Installation Menu. Alternatively, press System Reconfigure and Reset at the bottom of the System Installation Menu. This will not delete any settings in the hardware but force the App to read all available appliances.

Enable data communication with Insnrg Gas Heater when data cables are installed between heater and Insnrg Chlorinator or Relay Hub.

Calcium Level will change the frequency of reversing cell polarity – leave at 100 unless you have high calcium levels in your pool/spa water. (greater than 200 ppm)

If you have a relay hub and Vi Chlorinator, Tap on RELAY HUB to assign appliances to this controller.

On completion check the INSTALLATIO MENU of the Vi Chlorinator and Relay hub and ensure that all assignments were received and saved by the hardware.

SETTING OPERATING TIMES (TIMER CONFIGURATION)

Timer periods are set in the 24:00 hr format. ie: 00:00 hrs to 23:59 hrs.

Never have timer periods crossing another timer period. Always start the next timer period at the same time the previous timer finishes or leave a break. Examples:

Timer 1

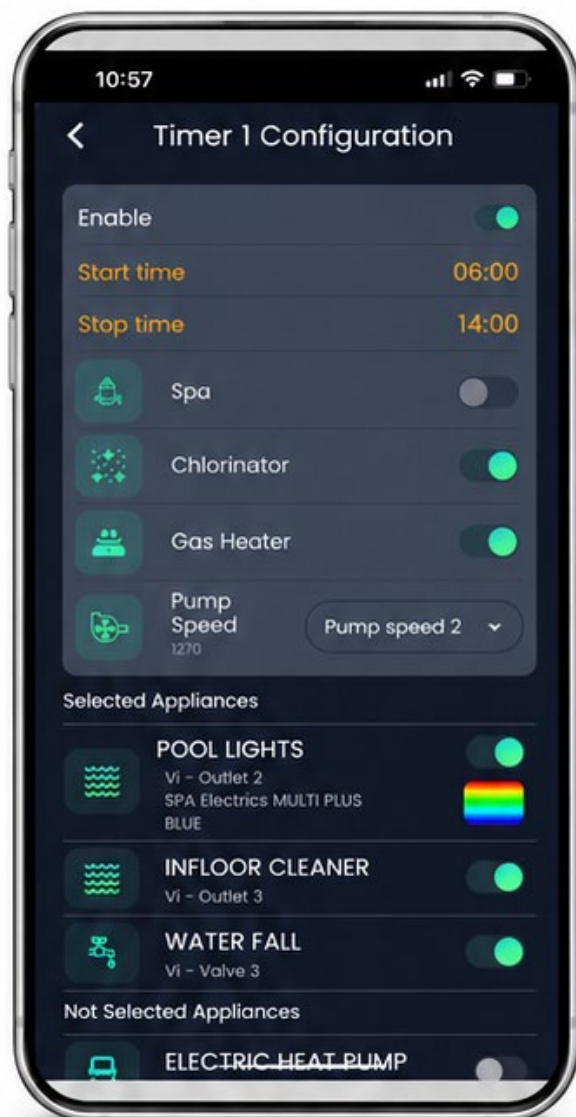
Start: 08:00 Stop: 16:00

Timer 2

Start: 16:00 Stop: 18:00

Timer 3

Start: 19:30 Stop: 22:00



Each Timer can be enabled or disabled. This can be helpful when reducing operating hours in winter, or allow automatic light operation in summer and off during winter.

Enabling Spa during a timer period will put the system into spa mode for the timer duration. Handy if using the spa regularly each day.

Selecting Chlorinator means the filter system and Chlorination will operate for the duration of the timer. Turn Chlorinator ON when filtration or heating is required. Turn off if only wanting water features or lighting is required with no filtration.

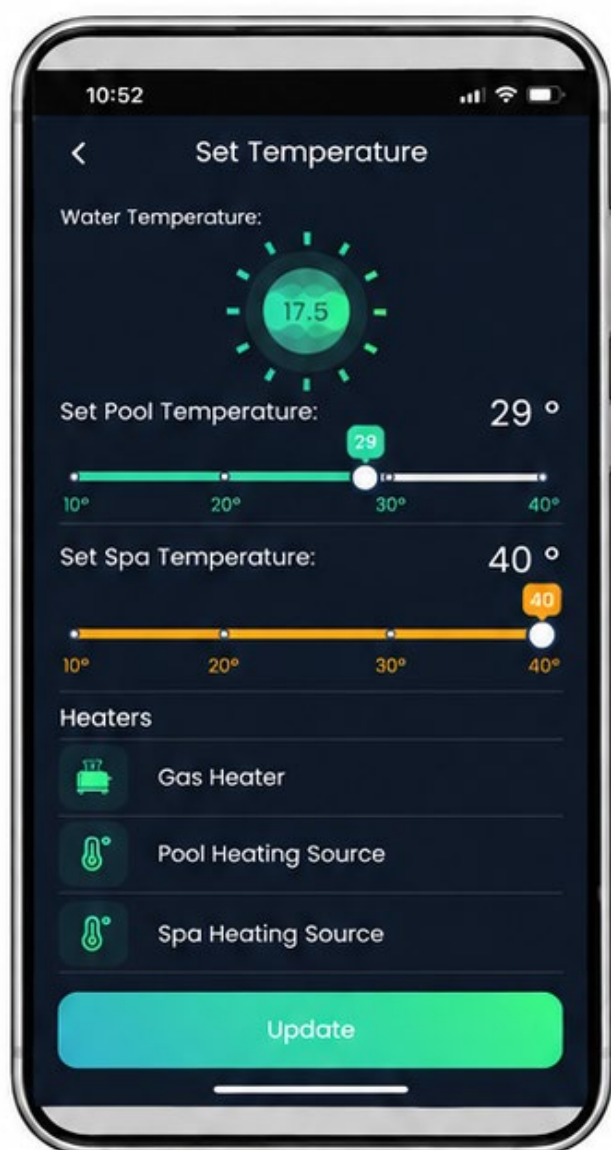
Each Timer will display which appliances are selected during the timer period and which are not

SETTING POOL AND SPA OPERATING TEMPERATURES

Temperatures will only be displayed in the following set ups:

1. if an Insnrg Gas Heater is installed and data cabled to the controller or
2. if a water temperature sensor is connected to the Controller and plumbed into the pool water circulating pipework.
3. Solar Control can be achieved if a water sensor and roof sensor are installed and enabled in the Installation Menu and a pump or motorised valve is assigned to solar.

Accurate temperatures will only be displayed when the circulating pump is operating. If the circulating pump is off, the temperatures sensor in the pipework or within the gas heater can only display the stagnant water temperature which is usually quite different to the pool/spa water temperature.



Set Temperature

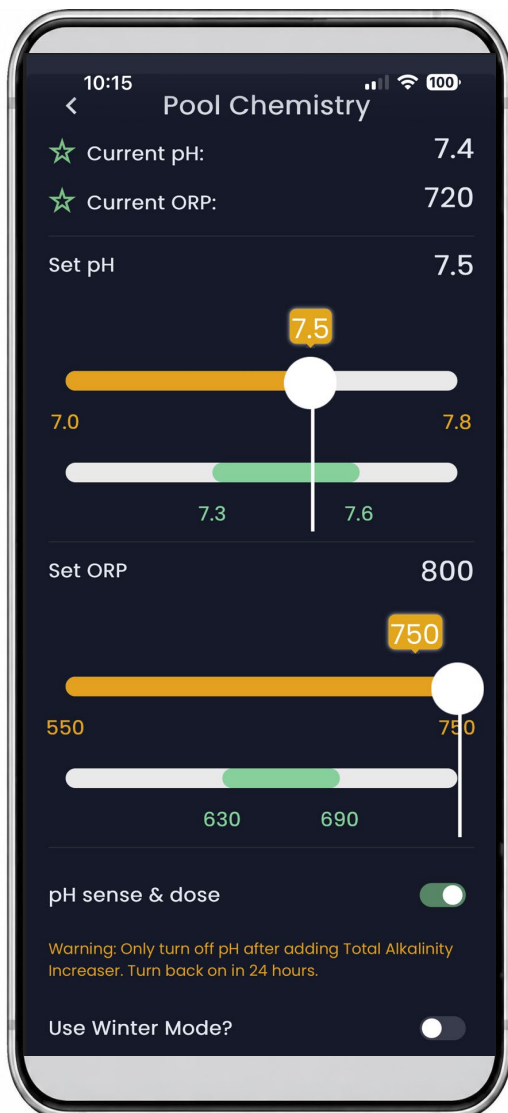
If more than one heater is installed and assigned to the Insnrg Controller, and you have a automated spa as part of your swimming pool, you can select which heater is used to heat the pool and which heater is used to heat the spa.

For automatic heating, ensure Insnrg Gas is on during timer periods and VF Contact (usually heat pump) is on during each timer period.

POOL CHEMISTRY

The pH of your pool water is very important to create a comfortable swimming environment and for the longevity of your pool surface and pool equipment. Follow these guidelines.

Fibreglass Pool – pH between 7.2 and 7.5. Other Pools – pH between 7.5 and 7.8



Pool Chemistry

ORP (oxidization reduction potential) measures the activity of the chlorine or sanitizer in your water. ORP readings are affected by many chemicals in your pool.

As a guide, your swimming pool should have a chlorine reading of 1ppm to 3 ppm. The ORP may have to be adjusted at different times of the year to keep your chlorine between 1 and 3 ppm.

Adjust slowly and wait for several days before testing chlorine levels again.

ORP readings will vary during the course of the day in response to sunlight, bather load and chlorinator operating hours.



ORP and PH should be set and adjusted by a pool professional. Incorrect adjustment of ORP and PH can lead to excessive chlorine which may damage your pool interior and/or pool equipment. Consult your Insnrg dealer for correct set points.

WINTER MODE

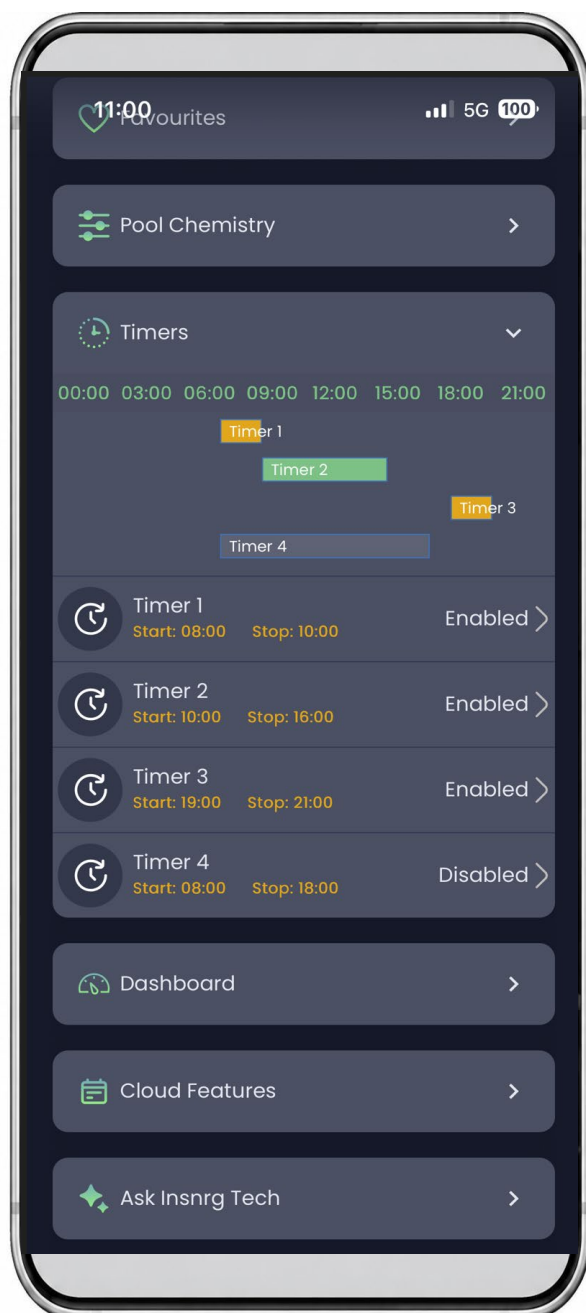
Turn Winter Mode On when closing pool for winter or if water temperature is below 18 degrees. Turn Winter Mode on when water temperature rises above 18 degrees. This will help prevent excessive chlorine production.

PH SENSE AND DOSE

All pools and spas will require adjustment of the Total Alkalinity. When adjusting total alkalinity using sodium bicarb or increasing the pH, turn pH sense and dose OFF for 24 to 48 hours. This will help prevent excessive acid dosing as the pH and Alkalinity rise.

CLOUD FEATURES

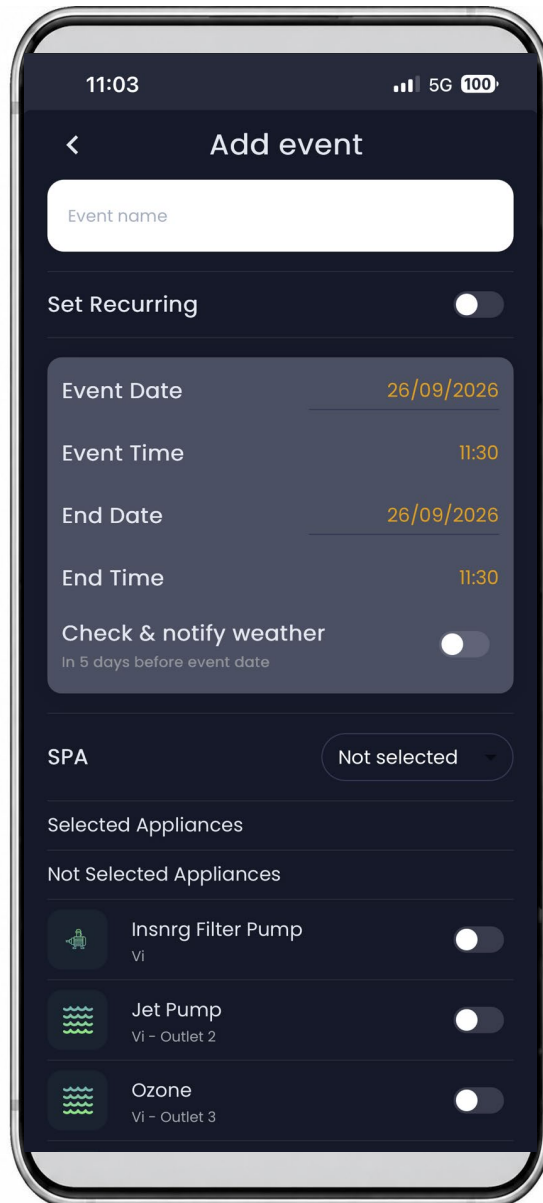
On home screen scroll up to locate Cloud Features which allows the owner to set additional timers, create events such as parties, and link appliances to ensure two or more appliances always start and stop at the same time.



Cloud Features

ADD EVENT

Add Event allows the owner to set appliances, temperatures and lights at a defined start time and end time. In addition, these events can be recurring. For example, you may wish to have the pool heated on a Wednesday each week for the children's swimming lessons. At the end of each event you can reset temperatures.

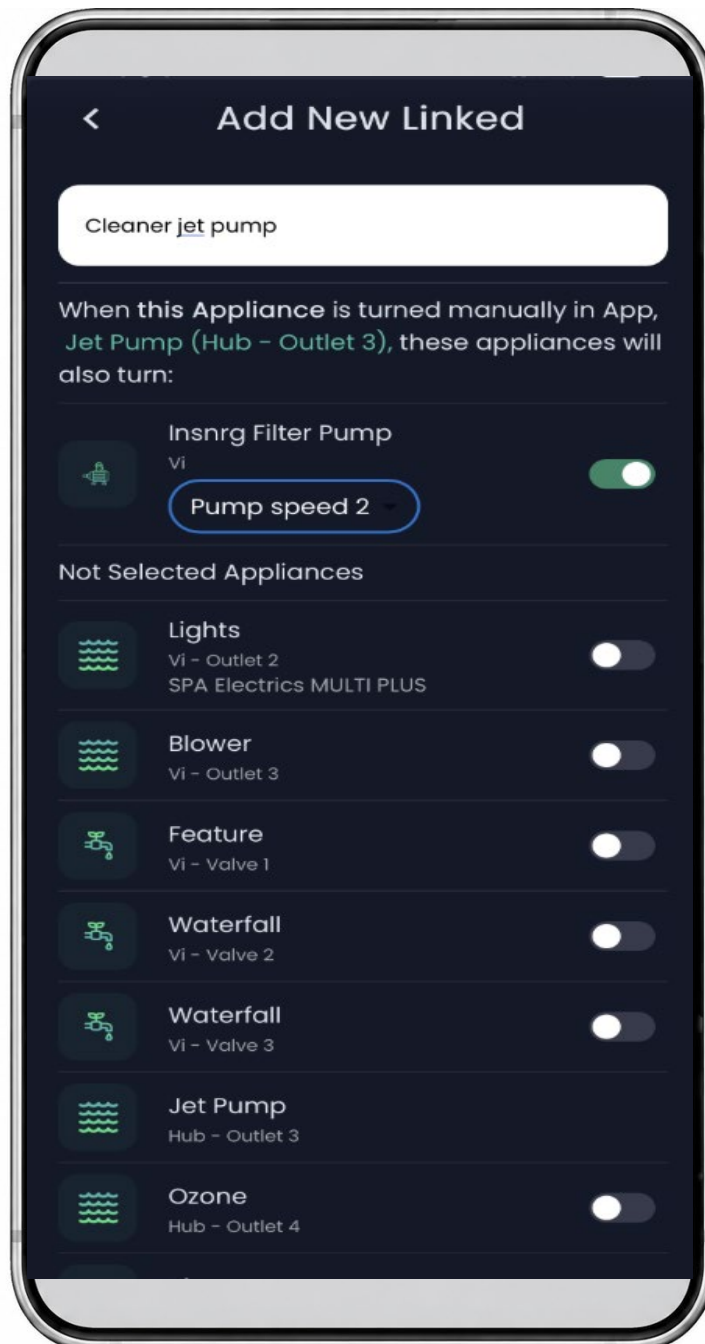


The screenshot shows the 'Add event' screen of a mobile application. At the top, the status bar displays the time 11:03, 5G signal, and 100% battery. The app header shows a back arrow and the title 'Add event'. Below the header is a text input field for 'Event name'. A toggle switch for 'Set Recurring' is currently turned off. A section for event scheduling includes fields for 'Event Date' (26/09/2026), 'Event Time' (11:30), 'End Date' (26/09/2026), and 'End Time' (11:30). Below these is a toggle for 'Check & notify weather' (turned off) with a subtext 'In 5 days before event date'. A 'SPA' section has a dropdown menu currently set to 'Not selected'. Below this are two sections: 'Selected Appliances' (which is empty) and 'Not Selected Appliances'. The 'Not Selected Appliances' section lists three items: 'Insrg Filter Pump' (VI), 'Jet Pump' (VI - Outlet 2), and 'Ozone' (VI - Outlet 3), each with a toggle switch that is currently turned off.

Add Event

LINKED APPLIANCES

Allows appliances to be linked so that when one appliances is turned on, other appliances will also turn on at the same time. A useful example; when the cleaning pump or infloor cleaning system is turned on, the filter pump will also turn on so that suspended debris is collected and filtered from the pool.



Linked Appliances

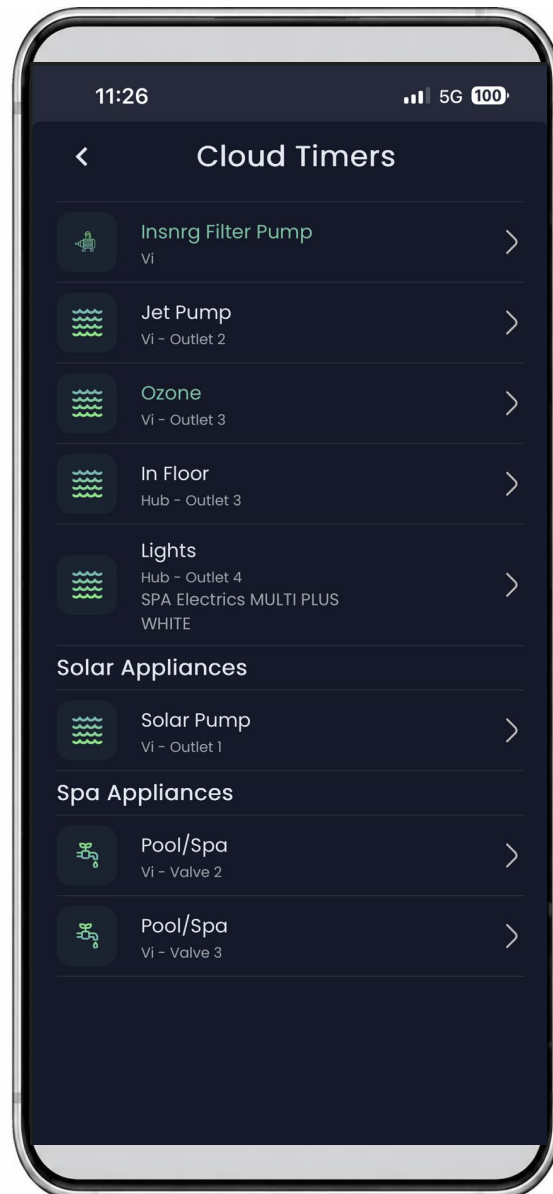
CLOUD TIMERS

Your Insnrg system has four timers usable and saved in the Vi Chlorinator and Relay Hub hardware. These timers are accessible and controllable by the inTouch App.

However, the App also has a Cloud Timer function. Cloud Timer allows you to create additional timers for each appliance. It is highly advisable to use the hardware timers (accessible from the home page of your App as once saved in the hardware, the appliances will operate during these timer periods whether the internet connection is maintained or not.

Cloud Timers will operate any time your modem is connected to the internet and wi-fi connection is maintained with the inTouch Portal.

To set Cloud Timers. Tap on Cloud Features at the bottom of the Home Screen, then tap on Cloud Timers.



Cloud Timers

EDIT HOME SCREEN

The inTouch App allows you to hide, display and expand most menus.

Tap the EDIT icon on the home page then choose to hide or expand screens. When finished, tap the DONE icon.



Edit Home Screen

DASHBOARD

The inTouch App has a dashboard function to display the performance of your equipment and life expectancy of wearing parts.

The Dashboard will display the following (if fitted and installed to the Vi or Relay Hub).

Water temperature graph, roof temperature of solar sensor and gas heater temperature sensor evolution over the current day and yesterday.

Wi-Fi Signal Strength, smart device speed and current date and time

Current state of Filter Pump (Off, Auto/Timer/On)

Current state of Heater (Off, Auto/Timer/On) Thermostat 1

Thermostat 2 Chlorinator Size

Current ORP (chlorine) level Current pH level

Chlorinator Cell hours pH sensor life

ORP sensor Life

Acid Squeeze Tube life

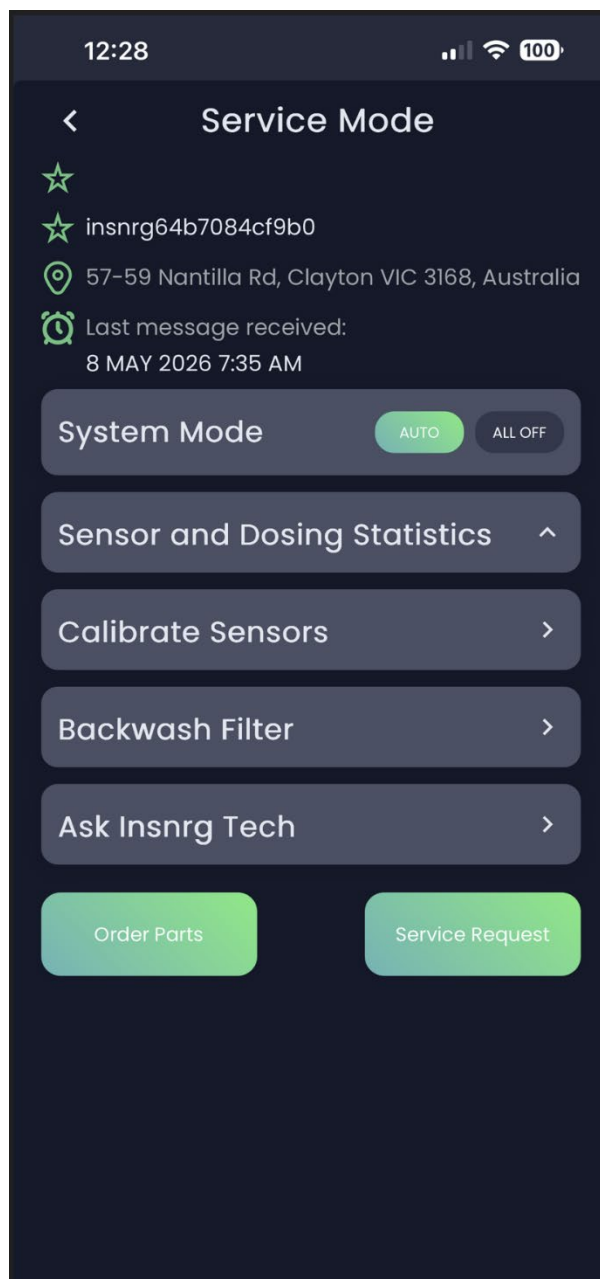
Gas Heater operating hours Editable Time Zone.



Dashboard

SERVICE MODE

Tap the top left drop-down menu to navigate to Service Mode.



Check the wi-fi connection. Last message received should display current day and time.

System Mode allows all appliances to be turned OFF when servicing equipment.

Sensor and dosing statistic will display age of sensors as well as if someone has calibrated the sensors and the offset.

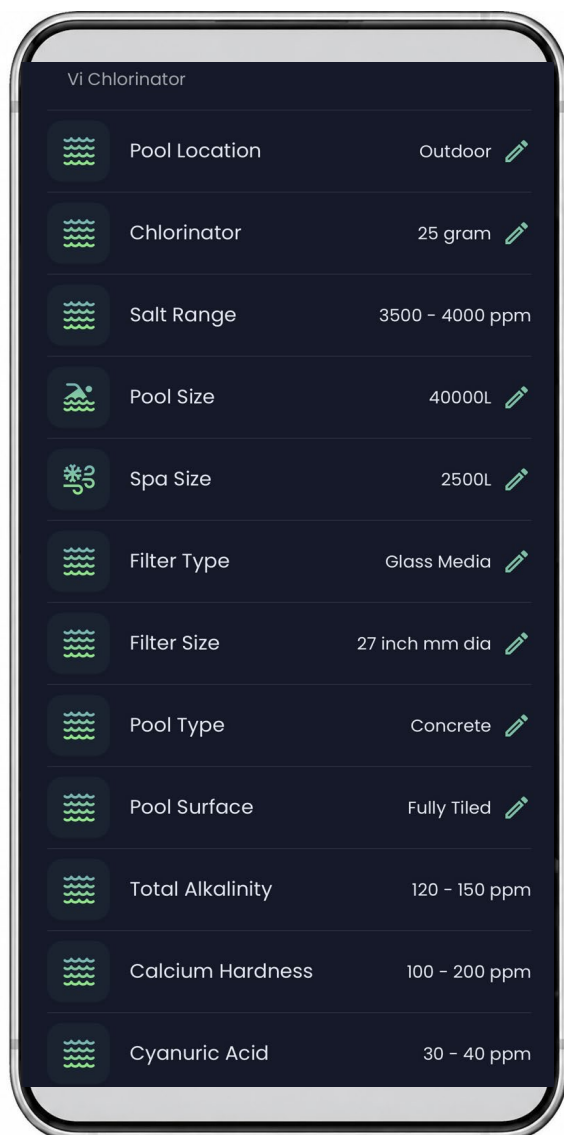
Calibrate sensors allows calibration of sensors. It is highly recommended that an experienced and knowledge pool chemistry person undertakes calibration if required. In general, Insnrg does not recommend the calibration of sensors.

Backwash filter will automatically turn your filter pump off and take you through the Backwash process. Using this feature minimizes the chance of running the backwash too long or too short a time. It also turns the chlorinator cell off during the backwash process to avoid excessive build up of chlorine and hydrogen gas in the cell.

Ask Insnrg Tech is Insnrg's Ai designed to ask all your pool and spa questions relating to Insnrg equipment and your pool chemistry and operation.

MY POOL INFORMATION

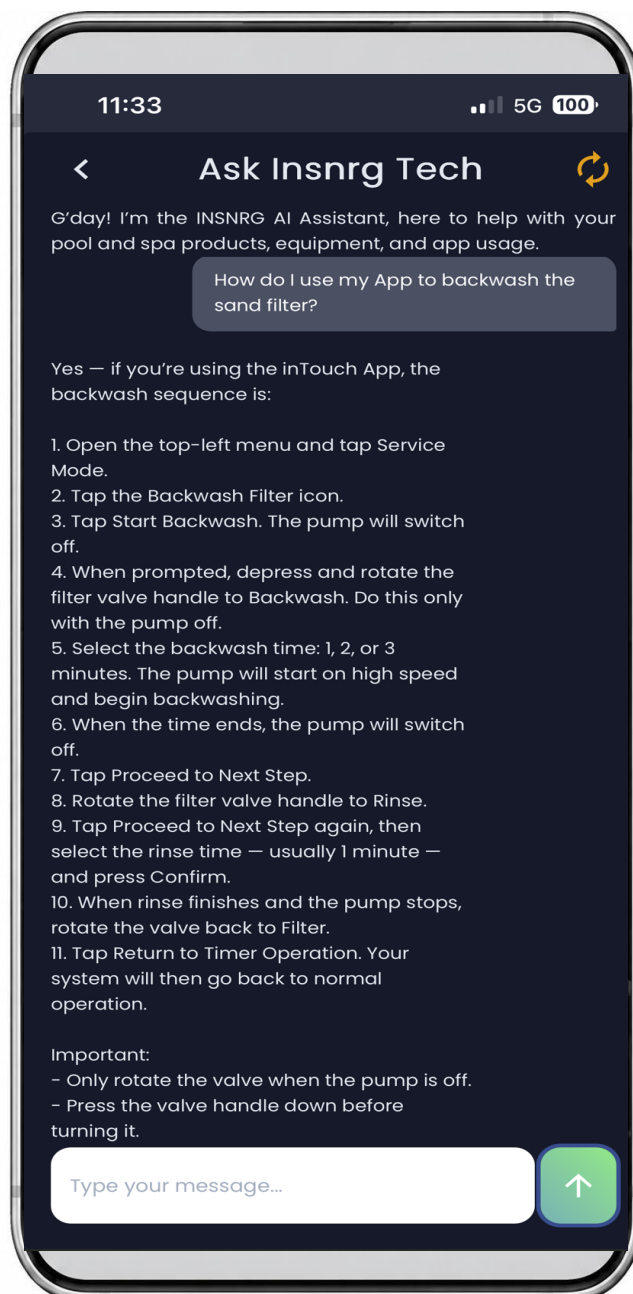
Tapping on my Pool Information allows your pool builder or pool specialist to record the details of your pool and Insnrg equipment so that you can show your pool shop or service technician. Knowing the pool size, type, filter type etc, the target sale levels helps your pool shop give better advice on the treatment of your pool.



My Pool Information

ASK INSNRG TECH

Tapping on the Ask Insnrg Tech icon on the home page allows you to ask questions about the operation of your pool and Insnrg Pool Equipment. This is Insnrg's Ai Assistant to help you understand the regular maintenance both your pool and Insnrg equipment will require.



Ask Insnrg Tech

TROUBLE SHOOTING

Problem	Possible Cause	Solution
Cannot Connect Portal to Home Wi-fi	Poor Wi-Fi signal at Portal location	Move Portal closer to Wi-Fi, install Wi-Fi extender
		Ensure both orange and green light on Portal underside are both blinking rapidly
	Data cable faulty	Check all Data Cables and replace if necessary
		Reset Wi-Fi in Vi or Relay Hub and reconnect
App has lost connection to equipment	Portal has lost connection to Wi-Fi after power interruption	Turn power off to all pool equipment and then on again. Wait 2 minutes for reconnection
	Wi-fi has been rebooted	
	Internet provider or Wi-Fi has been changed	Reset Wi-Fi in Vi or Relay Hub and reconnect using new Wi-Fi name and pwd
	Pool Equipment power supply is off	Check all power points, fuse box and isolation switches
Appliance not turning on during Timer	Appliance set to OFF	Tap on Appliance and set to Timer
	Appliance not set to run in Timer Periods	Open Timers and select appliances to operate during each timer period

Warranty Period and Conditions

Insrg Techne Pty. Ltd. (hereinafter “the Company”) is pleased to warrant to the original retail purchaser that this product shall be free of manufacturing and material defects for the following period from the original invoice date subject to the conditions listed after:

inTouch Portal 12 months

1. The product is purchased new from an authorised Insrg dealership in Australia
 2. This warranty is not assignable and applies to the original retail purchaser only and the original receipt, invoice or any other proof of purchase must be retained and produced if requested by the Company.
 3. Nothing in this warranty shall apply to any defects caused by misuse or abuse, neglect, accident, extremes of climate, dampness, humidity, reasonable fair wear and tear and/or any causes other than defects in manufacturing and materials. Proper care and maintenance information is detailed in the Owner’s Manual for this product which you must follow.
 4. Where a defect is physically visible or otherwise affects the exterior surfaces of the product, you must notify the Company of such defect within fourteen (14) days from the date of your purchase.
-
1. If the product is bought as a demonstration, refurbished, ex-rental, discontinued or otherwise previously unboxed unit, the warranty applicables shall be limited to twelve (12) months only.

Warranty Claim Procedure

To exercise your rights under this warranty, you must:

Within fourteen (14) days of you becoming aware of any defect, report the following details to the dealership from which the product was purchased:

- Your name, street address, email address and contact number;
- Model, and serial number of the product; and
- A detailed description of the defect.

On receipt of the above information, the Company will allocate to your dealership an Insnrg Authorisation Number (IAN).

Depending on the model type, how it is installed, and the defect reported, your nominated dealership will advise on how the warranty service will be performed. This could include, but not limited to, return of product to the dealership, return of product to the company, or a visit by qualified service technician to your poolside. If advised to return the product, place the defective product in secure packaging, clearly label it with the IAN number allocated and send it to the address of the authorised service agent which will be advised by your dealership.

The Company will not be liable for any transportation costs, or in the event that a poolside call is arranged with an authorised service technician, costs of technician's travel time if the defect is found not to be covered by the consumer guarantees.

In the case of returned product, the authorised service technician or dealership will contact the purchaser when the product has been repaired and is ready for collection.

The Company will repair or replace at its absolute discretion your product at no cost for parts or labour in accordance with the terms stated in this warranty provided that the reported defect is able to be located by the technical staff assigned to the product. If the technical staff is unable to

locate the defect, you may be liable to pay for the cost of the technician's travel time and labour.

Commercial Installations

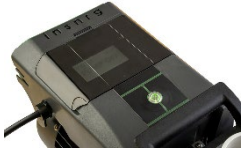
Commercial installations are defined as installations where the pool user pays for the use of the pool either directly or indirectly through hiring, renting of accommodation or membership of gym, health club or public pool and where the equipment is operating for more than 12 hours per day. In installations as above, the warranty period is limited to 1 year.

The benefits under this warranty are in addition to your rights and remedies available under the Australian Consumer Law.

Pairing Appliance Wi-Fi Data Communications

Wi-Fi Pairing Enabled Appliances

Connecting data communication between wi-fi enabled appliances.



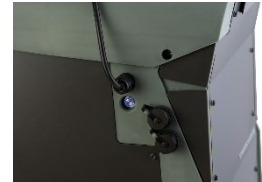
Q4 Variable Speed Pump



Vi Chlorinator



Relay Hub



Gi and G9 Gas Heaters

When a Vi Chlorinator and/or Relay Hub are installed, can use Wi-fi to pass data read and write commands. Wi-Fi pairing avoids the need to install data cables between appliances.

The Vi and Relay hub can then send commands to each Wi-Fi paired appliances and read the operating state of these appliances. Distance and obstacles between appliances should be minimised however, the Wi-Fi range is up to 50 meters.

Read and write data messages are encrypted for security purposes.

Pairing Button

A weatherproof back lit button is located on each of the above appliances.

On Vi Chlorinators and the Relay hub the pairing button is located underneath the control panel mounted in the aluminium heat sink.

On the Q4 and Qi pump the pairing button is located on the top of the motor controller.

On Gas Heaters the pairing button is located in a recess adjacent to the power lead on the left side.

Pairing Appliances for the first time

1. Locate the pairing button on each appliance.
2. Connect power to each appliance
3. Press the Pairing Button on one appliance for 5 seconds until it displays a Blue back light.
4. After pressing the first button for 5 seconds, press the pairing button on each other appliance for 5 seconds within 90 seconds.
5. After 2 minutes, each button will successively turn Green to indicate successful pairing.
6. To turn the status light off, press the pairing button momentarily (less than 1 second).
7. To check the status of the appliance when the pairing light is off, momentarily press the pairing button (less than 1 second).
8. The paired appliances will automatically reconnect with each other after power interruptions.

Assigning Appliances in the Install Menu of the inTouch App

1. If the inTouch Wi-Fi portal is installed, connect the Vi Chlorinator or Relay Hub (if Vi is not installed) to the owners Wi-Fi network.
2. Connect the Insnrg inTouch Automation App to the Mac Address on the Wi-fi Portal.
3. Go to the Installation Menu of the inTouch App and tap on the Discover icon. This will read all current connected appliances.
4. Then use the Installation Menu to assign power outlets, temperature sensors, actuated valves etc.

Assigning Appliances in the Install Menu of the Vi/Relay Hub (inTouch Wi-fi Portal NOT installed).

1. Press the Menu button 5 times to get to the INSTALL MENU then press CONFIRM.
2. Assign each power outlet, actuated valve, temperature sensor and Voltage Free (VF) lead to appliances connected to the individual Vi Chlorinator or Relay Hub.

Resetting Paired appliances

If a product is replaced, all Appliances must have their pairing RESET and be paired again.

1. Press and hold each appliance pairing button for 10 seconds. The back light will turn Magenta.
2. After each pairing light turns purple the pairing settings have been deleted.
3. Now repeat the pairing procedure by pressing each button in succession for 5 seconds within a period of 90 seconds. A Green light on each button represents a successful pairing procedure.

Testing Paired Appliances

1. From the Vi and Relay Hub, Press the MENU button to go to the CHANGE SETTINGS MENU. Press CONFIRM. Use the down or up buttons to navigate to EQUIPMENT STATUS.
2. Press CONFIRM, then use the down button to go to INDIVIDUAL, and press CONFIRM.
3. At each appliance turn the appliance On and then OFF to ensure Wi-Fi communication is operating.

Insnrng Product Security Statement

This statement summarises the security principles used in Insnrg pool automation products and the company's commitment to maintaining the security of connected devices.

Security Architecture

Insnrg pool automation appliances communicate with a central automation controller rather than connecting directly to the internet. This controller-centric architecture reduces device exposure to external networks and limits potential attack surfaces.

Communication between appliances and the controller uses encrypted wireless messaging, while the controller communicates with Insnrg cloud services using secure TLS connections.

Default Password Policy

Insnrg products do not rely on universal default passwords for network access. The system architecture avoids direct internet exposure of appliances and uses controlled device pairing and controller-mediated communication.

Security Update Support Period

Insnrg provides security updates for supported products for a minimum period of five years from the product release date. Updates may include firmware improvements, security patches, and cloud platform enhancements.

Vulnerability Reporting

Insnrg welcomes responsible disclosure of potential security vulnerabilities. Security researchers and customers can report issues to:

iotsecurity@insnrg.com

Reports should include product details, a description of the issue, and steps required to reproduce the vulnerability where possible.

Commitment to Security

Insnrg continuously reviews and improves product security as part of its product development process. Security considerations are incorporated into system architecture, firmware updates, and cloud platform operation.

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