



coldture

**PRO PLUNGE
MANUAL**

EMBRACE THE COLD

Clean, Convenient, Cold-plunging That Fits Beautifully in Your Home.

Cold therapy will change your outlook on life and allow you to break through your own boundaries and make you feel you can take on the world.

Cold water therapy is a recovery technique used by athletes and individuals looking to reduce muscle soreness and inflammation after physical activity. Some potential benefits of the Pro Plunge include:

Reducing Muscle Soreness

Cold water immersion can help reduce muscle soreness by constricting blood vessels and reducing inflammation.

Improving Recovery Time

By reducing muscle soreness, the Pro Plunge may also help athletes recover faster and be ready for their next workout or competition.

Decreasing Inflammation

Cold water immersion may help reduce inflammation in the body, which can be beneficial for individuals with chronic inflammation or inflammatory conditions such as arthritis.

Improving Circulation

Cold water immersion can stimulate blood flow and improve circulation, which may help with recovery and reduce the risk of injury.

It's important to note that the Pro Plunge is not suitable for everyone and can be uncomfortable or even dangerous for some individuals. It's always best to consult with a healthcare professional before starting any new recovery routine.

Start your cold journey with Coldtune.



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QUICK SET UP

Before installing the Pro Plunge, please ensure that there are no obstacles on the outside of the vents on the side of the chiller/fan.

If there are obstacles blocking the vents, it will cause the compressor to self-protect and the water temperature cannot drop. Once your Pro Plunge is in a position you are happy with please leave it laid flat for 24 hours for the refrigerant to settle in the compressor (Coldtuture Pro Plunge are the same as a fridge or freezers and the gas needs to settle before use).

The Pro Plunge can then be filled with water but it should not be turned on for 24 hours. We do recommend that you read the full manual though in particular the safety information before you use.



1

Simply place a garden hose into it. The tub will be completely filled in approximately 15-30 minutes, depending on water pressure



2

Plug in your tub to a 13 amp plug socket and set the desired temperature on the control panel



3

Within a few hours you will be able to start enjoying your new Pro Plunge cold water therapy



4

We strongly suggest you empty your water every 8 - 12 weeks and repeat these first three steps

THE PURPOSE OF YOUR PRO PLUNGE

The purpose of your Pro Plunge is to allow people to experience cold water safely and efficiently in their own setting at home or in a commercial setting.

The Pro Plunge is designed to go down to as low as 3 degrees, which is extremely cold and we advise you to read the safety instructions before getting in.

Who is it for?

The Pro Plunge is designed for use by one person at a time and is suitable for adults only. If deliberate cold exposure is new to you please learn more about this first and make sure it is for you. We also advise you to read this manual fully before you take the plunge.

We recommend you start gradually with the temperature set at 10 degrees and shorter durations of up to a minute. This is to ensure you get used to it before you lower the temperature or increase your time.

Please note that children are not advised to use the Coldtuture Pro Plunge.

TOP TIPS

DO build up slowly. Diving in at the deep end might not be the best idea - could start off by gradually introducing your body to the cold water - feet, then legs, then torso and so on. Don't feel like you have to fully submerge on your first few attempts.

DO be mindful of your breathing. Learning to control your breath is a big part of being in cold water. How we breathe is often a very accurate indicator of how we are in our mind. So, if we're breathing fast and rapidly, then that means we're feeling quite frantic in our heads. If our breath is nice and slow and smooth and deep, we are maintaining an element of homeostasis in our body, which keeps us calm.

DO take your experience into account when deciding what temperature to set your Pro Plunge. For those who have never been exposed to any sort of cold water, you should start at around 10 degrees Celsius. If you regularly take cold showers, then you could start a little lower at 6 degrees Celsius.



OWNERS RESPONSIBILITY

Coldtury declines all liability for damages arising from failure to observe the following directions.

As the owner, it is your responsibility to:

- Ensure the safety of those using the Pro Plunge and read and observe the health and safety warnings and safety recommendations as set out in this manual
- Maintain the materials of which the Pro Plunge is made from by following the cleaning procedures in section 8 of this manual
- Use the Pro Plunge according to the recommendations in this manual
- Only use our recommended engineers for service and repairs
- Ensure a safe electrical connection to the Pro Plunge; which are 'class 1' appliances and must therefore be permanently connected, without intermediate junctions or extension cables, to the electrical network and to the protection circuit (earthing system) in your home
- Ensure that the cabling does not present a trip hazard
- Live electrical components and equipment (except those powered at a very low voltage not exceeding 12V) must be out of reach of individuals using the appliance.
- Parts containing electrical components must be positioned or fixed so that they cannot fall into the water
- There will likely be times when water spills out of the Pro Plunge, especially when getting in or out and we recommend taking a common-sense approach and making sure there is good drainage for water on the floor around your Pro Plunge and a non-slip surface to step on to

CAUTION: Before carrying out any maintenance operations, disconnect the appliance from the power supply.

DO NOT switch the power on to the Pro Plunge until it is filled to the required level.

Running the pump dry, without water, could cause immediate damage and void your warranty.

Avoid flooding. We would advise that the level to which you fill your Pro Plunge with water falls at least 20cm below the top to avoid flooding.

This level is something that will be different for everybody and we recommend that you become comfortable with what level of water works for you and observe what happens to the water levels when you get in - you can always then adjust accordingly.

Top-up the water periodically as it lowers due to users entering/exiting to keep the water level high enough.

Do use your insulated cover. It is advisable not to leave the Pro Plunge uncovered when not in use since the temperature of the water will rise.

Damage arising by not following the guide or warnings are not covered by the warranty.

If you have any questions concerning the operation of your Pro Plunge or the information in this manual, please do contact us.

HEALTH & SAFETY WARNINGS FOR THE USER

Taking the plunge is a big step

Coldtuture declines all liability for damages arising from failure to observe the following directions.

Health disclaimer: If you're unsure about whether this is for you then please check with your doctor before using your Pro Plunge.

Coldtuture are suitable for most people, most of the time, however we recommend to take a cautious approach and we would advise that people with reduced mobility, sensory, and/or cognitive abilities only use the Pro Plunge if supervised and only if they have the knowledge necessary to use the equipment safely, as well as to understand the dangers arising from improper use.

Tolerance to cold water varies from person to person and we recommend being mindful of gradually building up the duration of use with the Pro Plunge and be cautious when using it alone.

New to this?

It is quite dangerous to suddenly jump into cold water that's significantly cooler than what you're used to as it can cause a shock to the body. Therefore, enter the water slowly and keep your face, shoulders and hands clear until your breathing is under control.

The cold-water shock response decreases with cold exposure experience and being mentally prepared.

A risk factor is hypothermia.

This occurs when you suffer a drop-in core body temperature and can eventually lead to loss of consciousness and heart failure. The amount of time you can spend in cold water without suffering from hypothermia is determined by the water temperature, your body size and shape, your level of cold adaptation and your experience, among other factors. Check with your doctor as relevant. Start with safe, short dips of 30 seconds to learn what your limits are. If you begin to feel uncomfortable or you start to shiver, listen to your body, get out and slowly warm up by walking around.

If you like, you can check the water temperature before entering the bath, to ensure that it is at temperature that is suitable for your experience in cold exposure. The temperature of the water is displayed as default on the control panel.

Children must be supervised near the Pro Plunge to make sure they do not play with the equipment and do not carry out operations to be performed by adults (cleaning cycles/maintenance). Always attach the cover when not in use. Children are not advised to use the Pro Plunge.

Please check with your doctor as relevant.

Pregnant women should talk to a doctor first, low temperatures are not advised. Anybody under medical care, such as people with heart conditions, diabetes, high or low blood pressure or other health problems must not use the Pro Plunge without first consulting their doctor. People with infectious diseases should not use the Pro Plunge without first consulting their doctor.

Do not use the Pro Plunge after drinking alcohol or taking recreational drugs.

The use of alcohol or drugs can greatly increase the risk of fatal hypothermia when using the Pro Plunge.

Do not use your Pro Plunge during extreme weather conditions (during storms or floods etc). It is also recommended to place the Pro Plunge in an area that will not attract standing water. Good drainage is essential so that the services compartment does not become submerged with water. If it does, switch the unit off and let everything dry out.

Be very careful when getting in and out of the Pro Plunge. Surfaces may be slippery when wet.

In order to protect the pump from large pieces of debris - always do your best to keep the inlet (inside and right at the bottom of the unit) clean and clear.

DO NOT use other electrical appliances such as radios, hairdryers etc near the Pro Plunge when it is not empty. It is important to maintain water cleanliness in accordance with Pro Plunge's instructions by following the correct cleaning procedure, see section 8.

The Pro Plunge has an automated cleaning cycle which runs constantly. During this time the pump, filter and Ozone cleaner run simultaneously.

DO NOT use any unapproved chemicals or detergents unless you plan to rinse the Pro Plunge thoroughly to remove any remnants of cleaning products before refilling with the water you will bathe in. Chemicals such as ammonia, combustible substances, bromine, fluorine are not advised on the Pro Plunge as they may risk passing on to users.

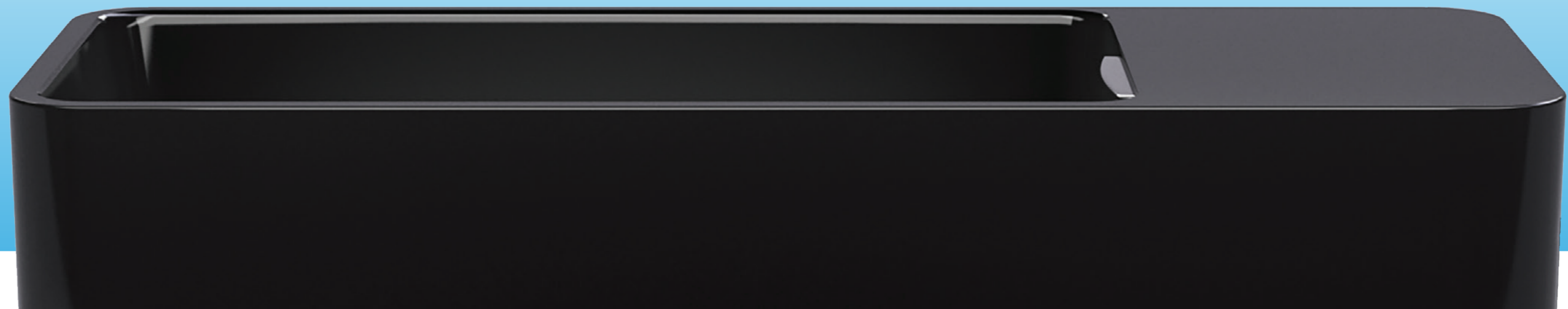
DO NOT use a pressure washer to clean the Pro Plunge as this may result in damage to the electricals and services compartment unit.

It is very important to keep the cover on when the Pro Plunge is not in use - this is to prevent injury to children or animals and to also prevent water ingress to the services compartment when raining, if the user is placed outside.

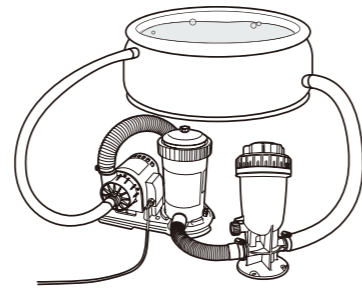
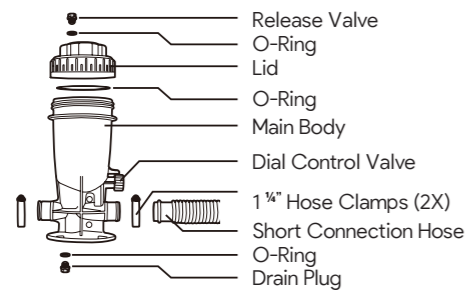
Any repairs required must be made by a Coldtuture approved engineer. Coldtuture cannot accept liability for any damage arising from alterations or repair made by non-approved engineers.

It is the end user's responsibility to ensure the power supply used is on an RCD protected circuit.

For all operations and maintenance of the Pro Plunge please refer to this manual and if in doubt please contact Coldtuture directly via email first - support@coldtuture.com



KLOR-IN™ CHLORINE FEEDER

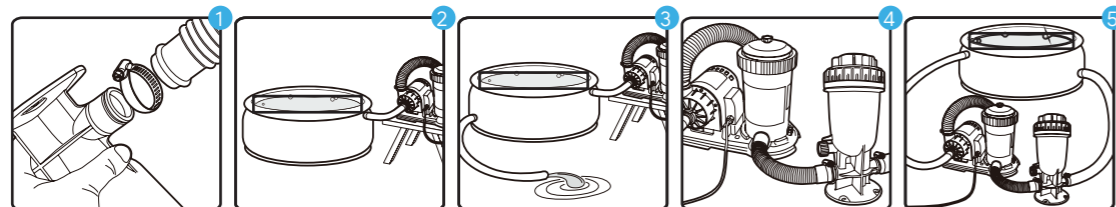


Your new **KLOR-IN™** Chlorine Feeder is designed for a permanent installation in the return line to an above ground pool, having a filtration system using Ø32mm (1 1/4") flexible hose.

It uses small or large slow dissolving Trichlor (Trichloro-s-Triazinetrione) tablets/sticks **ONLY**. No other types of chemicals should ever be used in your **KLOR-IN™** Chlorine Feeder. It holds up to 5 large (3" diameter) tablets or about 2.3lbs of small tablets and has a dial type control valve to regulate the rate of water going through. This capacity, under normal conditions and depending on the size of your pool, should provide one to two weeks of chlorination.

Installation

1. Your **KLOR-IN™** Chlorine Feeder Kit comes with two **hose clamps** and one **short connector hose**. Connect the **short connector hose** to 'N' side of your **KLOR-IN™** Chlorine Feeder (check the 'flow' mark on the side of the body) and secure with one of the **hose clamps**.
2. If the pool is provided with valves at the water inlet and outlet, close them. If there are no valves provided, lower the water level of the pool below the inlet/outlet level of your pump, or life the inlet/outlet level of your pump above the water level.
3. Empty the water return hose of your pool and disconnect it from the filter.
4. Connect the **short connector hose** to the now free 'out' Connector of the filter and secure it with the second **hose clamps**.
5. Connect the water return hose of the pool to the 'out' side of your **KLOR-IN™** Chlorine Feeder and open the valves of the water inlet/outlet or adjust the water level of the pool back to its regular height.



Note: if your pool is an **Intex® Easy Set™** pool, you can ensure the hose assembly by screwing the lock rings

By regulating the valve setting between + (more chlorine) and - (less chlorine) and the amount of Trichlor tablets you place into your **KLOR-IN™** Chlorine Feeder, you can easily adjust the chlorine feed rate that is necessary to maintain a proper chlorine residual for your pool.

Always install your **KLOR-IN™** Chlorine Feeder after the heater. If there is no heater, install it after the filter. Damage to the filter or the heater may result if concentrated chlorine is allowed to flow through them.

Directions for usage

Before starting up your **KLOR-IN™** Chlorine Feeder, your pool should be properly conditioned and have a chlorine residual of approximately 1.0 to 1.5 ppm. Follow dealers and chemical manufacturer's direction and instruction.

The chlorine demand for pools varies, based on use, temperature, sunlight, size, and other parameters. Initially you will have to experiment to determine the proper amount of chlorine and correct the valve setting required for you pool and filter time cycle. Using a 9000 gallon (34m3) pool as a guide, placing about 3 large slow

dissolving Trichlor tablets, or about 1.5lbs of small slow dissolving tablets/sticks in your **KLOR-IN™** Chlorine Feeder would be recommended, with the **dial control valve** setting at 1/4 Reduce or Increase the **dial control valve** setting according to the pool size.

Check chlorine residual daily and adjust the **dial control valve** for more or less chlorine. Increasing the quantity of chlorine in your **KLOR-IN™** Chlorine Feeder will extend the time between recharging it with more chlorine.

To open your Klor-In Chlorine Feeder

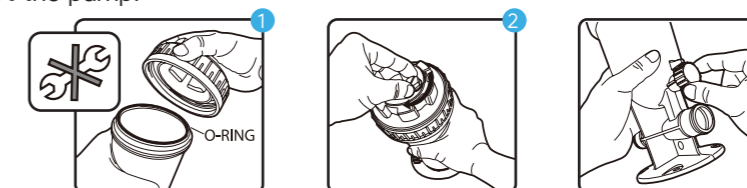
1. Shut **off** the pump and turn the **dial control valve** of your **KLOR-IN™** Chlorine Feeder clockwise to the end position.
2. Slowly open the **release valve** at the top of the **lid** and wait one minute.
3. Turn the **lid** counter-clockwise to open.

Caution: DO NOT INHALE THE FUMES FROM THE CHLORINE FEEDER



To close your Klor-In Chlorine Feeder

1. Place the **lid** with the O-Ring seal onto the MAIN BODY. Engage the **lid** thread and turn clockwise to secure. Hand tight only.
2. Close the **RELEASE VALVE** at the top of the **lid**.
3. Place the **DIAL CONTROL VALVE** to the desired setting. Open the in-line Valves (in any) and re-start the pump.

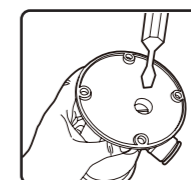


Lubrocation

Never use petroleum type lubricants on the Lid's O-Ring. To lubricate, use ivory bar soap or Jack's No.327 lube only.

Winterizing

1. Where freezing temperatures can be expected, remove the **drain plug** and drain all water from your **KLOR-IN™** Chlorine Feeder.
2. Carefully remove un-dissolved tablets and rinse out your **KLOR-IN™** Chlorine Feeder thoroughly with water
3. Replace the lid and engage only one and a half turns



POSITION & OPERATION

Before installing the Pro Plunge, please ensure that there are no obstacles on the outside of the vents on the side of the chiller/fan. We recommend a 500mm space around the chiller for the best ventilation.

If there are obstacles blocking the vents, it will cause the compressor to self-protect and the Pro Plunge water temperature cannot drop. Once your Pro Plunge is in a position you are happy with please leave it laid flat for 24 hours for the refrigerant to settle in the compressor (Coldtute are the same as a fridge or freezers and the gas needs to settle before use).

The Pro Plunge can then be filled with water but it should not be turned on for 24 hours. We do recommend that you read the full manual though in particular the safety information before you use.

Clearance and Circulation:

Clearance:

Maintain a 500mm (50cm) clearance around the Pro Plunge for optimal air circulation. Avoid placing the unit in enclosed spaces to ensure efficient heat dissipation this will also help prevent condensation.

Circulation and Fan Operation:

Ensure the unit is in a well-ventilated area.

Power connection

1. The Pro Plunge must be plugged directly into an RCD protected circuit on a 13-amp socket or box.
2. Do not use an extension cable to run the Pro Plunge, this can be a fire hazard.

To fill the Pro Plunge for the first time

1. Turn off the power to the Pro Plunge before filling/draining and do not turn the power back on until the Pro Plunge has been refilled.
2. Fill the Pro Plunge to the desired level. It will take approximately 15-30 minutes to fill, Depending on water pressure

3. Open the air bleed screw to exhaust air from the filter and pump housing. *See page 33 for more information*
4. Switch the power on only when it has been filled. The monitor will flash green, wait for 3-5 mins and it will enter the running state. The default temperature is 3 degrees.
5. Allow the Pro Plunge to get down to the temperature as set on your controller. As the Pro Plunge is affected by the environment please turn the machine on 6-12 hours in advance.

If the Pro Plunge is set to 3 degrees, it will run the chiller until it reaches this temperature. Once the temperature then reaches 4 degrees it will turn the chiller on and cool to 3 degrees.

Where multiple users are using the Pro Plunge frequently we recommend adding a **Pure & Simple** sanitizer. This is what we recommend as a proven, safe and powerful residual disinfection for Coldtute. We do not recommend chlorine products or other salts.

To drain and refill the Pro Plunge:

1. Turn off the power to the Pro Plunge.
2. Drain the water using the hose pipe attachment to connect a hose pipe and then open the ball valve to let the water out.
3. Wipe out the inside of the Pro Plunge with a clean cloth to clean any residual dirt or grime. **DO NOT** use any chemicals such as bathroom cleaner or stainless-steel cleaner - *see page 34 for details.*
4. When it is clean and rinsed, ensure the ball valve is closed. Re-fill using a hose pipe.
5. Switch the power back on to the Pro Plunge and allow the water to get down to the temperature as set by on your controller.



IMPORTANT

We recommend that you replace the water in the Pro Plunge every 8-12 weeks depending on user levels and visible water quality. Frequency of water replacement depends on frequency of usage and care taken in maintaining water quality. It will become evident that the water needs changing when the water doesn't look clear. Drain and re-fill.



CONTROL PANEL & SETTINGS

Pro Plunge Pro Control Panel

Stainless Steel Temperature Control Key Instructions



Key Definition and Operation Primary Interface

1. Current time display
2. Current operating mode, with options for heating, cooling, and automatic.
3. WiFi connection status. Please click on the icon to enter WiFi connection. The successful connection icon is highlighted, while the failed connection icon is grayed out.
4. Fault display, click on the icon to query the fault, and the icon will flash when there is a current fault.
5. Current operating status will be displayed including operating mode, inlet temperature, and temperature unit. The modes can be seen below.

☀ Sun icon, heating mode

❄ Snowflake icon, cooling mode

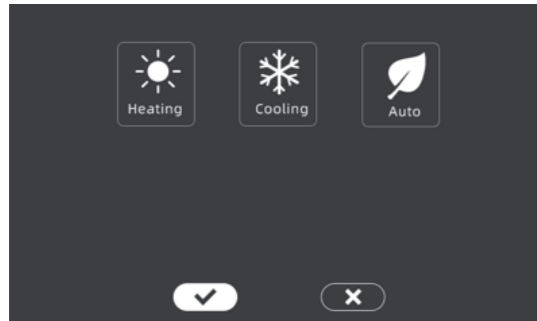
🍃 Leaf icon, auto mode.

6. On/off key, press to switch the control panel on or off. When turned off, the text is OFF, and when turned on, it is ON.
7. Mode key, press to enter the mode selection interface.
8. Setting key, press to enter the function menu selection interface.
9. Timer key, press to enter the timing setting interface.
10. LED light press to turn the LED light on or off.
11. This shows the operating status of the components, when the compressor, fan motor, and water pump start and run, the corresponding icons light up.

Secondary Interface


Mode selection interface -

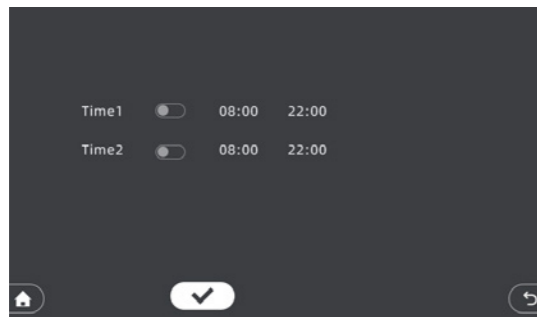
- After clicking the **mode button**, a mode selection interface will appear as below:





- Please click to select the corresponding mode, then click the check-mark to confirm the selection mode and return to the main interface. Or click the cross to cancel the selection and return to the main interface.

Timer on/off interface

- After clicking the timer button, a timer interface will appear as below:
- Press the  icon to turn on/off the corresponding timed segment function.





- If you press on the clock position this will pop up the input keyboard, where you can set the corresponding timing hours and minutes.
- Press the check-mark to save settings and return to the main interface.
- Press the home icon  to return to the main interface.
- Press the back icon  to return to the previous page.

Settings interface

- After pressing the setting button, the function menu selection interface will pop up as below:



- Press the Status icon to enter the status parameter interface, where you can query the corresponding parameters.
- Press the User Param button to view the user parameters page, which can be queried and modified accordingly.
- Press the Error button to view the current fault interface, and click on the  icon on the current fault interface to switch to the historical fault interface.
- Click on the  icon on the fault interface to clear historical faults.
- Press the General button to view the general interface, where you can query and modify corresponding parameters; the time and corresponding screen rest time can be changed on the parameter interface.
- Press the Fact Param button view the password input interface, enter the password 4180 to enter the factory parameters, to give you access to query and modify the corresponding parameters.

Factory parameter interface



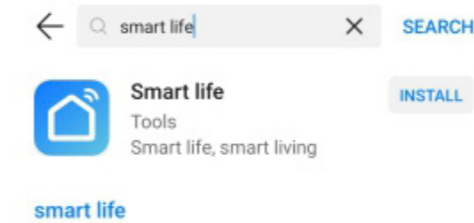
- Press the Factory Parameters button to view the defrosting and expansion valve parameter query and modification interface.
- Press the Forced defrost button to view the forced defrosting.
- Press the Restore factory settings button to reset the parameters.

WIFI CONTROL

1.1 Install the APP

Click "App Store" (for IOS) or "App Gallery" (for android).

Enter "Smart Life" and install the app.



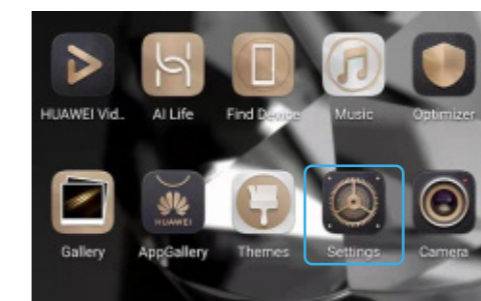
After installation, the "Smart life" app icon will appear on the phone desktop.

Before you install the app, you should turn the "Download Apps from external sources" in the android version.

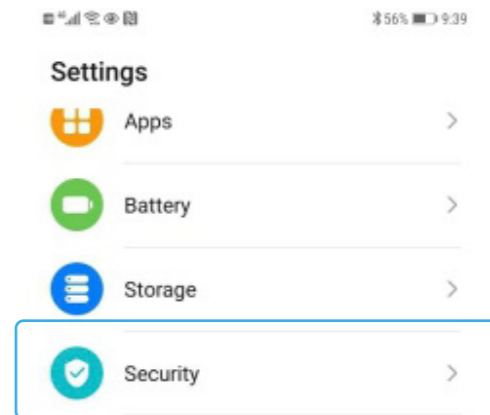
Please follow this guide below.



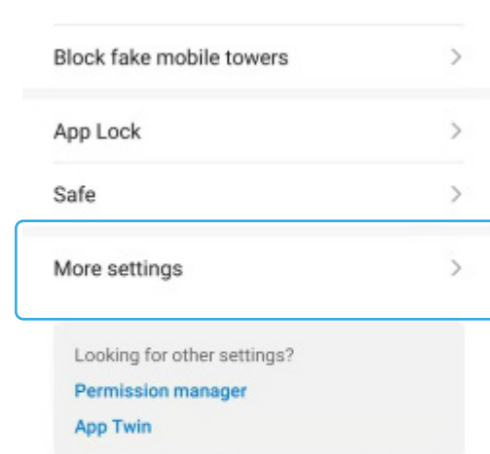
- Press the "Settings" button to view the settings menu.



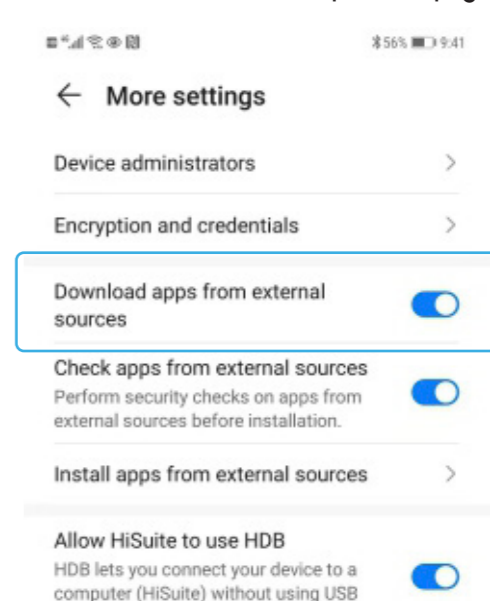
- Press "Security" button.



- Press "More settings" button.



- Find "Download apps from external sources", turn on the switch. Press the back icon to return to the previous page.



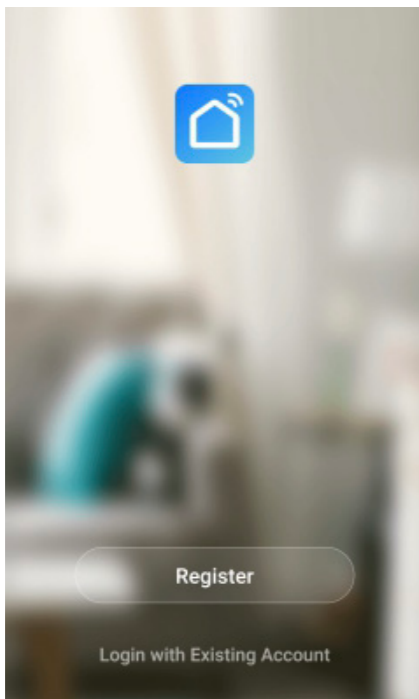
1.2 Run the APP

Click the icon “Smart Life”, to run the app. After installation, the “Smart life” app icon will appear on the phone desktop.

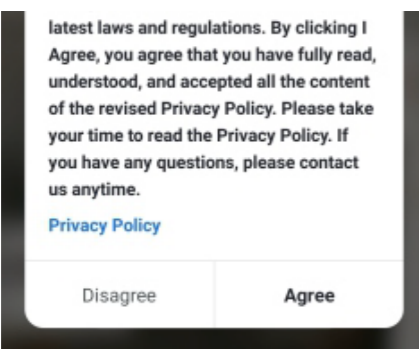


1.3 APP registration and configuration

a. Click the “Register” icon.



b. Click the “agree” button in the “privacy policy” interface that appears.



c. Enter your mobile phone number or your email address.

The image shows the “Register” screen. It has a title “Register” and a dropdown menu for the country code, currently set to “China +86”. Below that is a text input field for “Mobile Phone Number/Email”. At the bottom, there is a blue button labeled “Get Verification Code”.

d. Enter your mobile phone number and click “Get Verification Code” button.

The image shows the “Register” screen with the phone number “13988888888” entered in the input field. The “Get Verification Code” button is now blue and active.

e. Enter the verification code you received on your mobile phone.

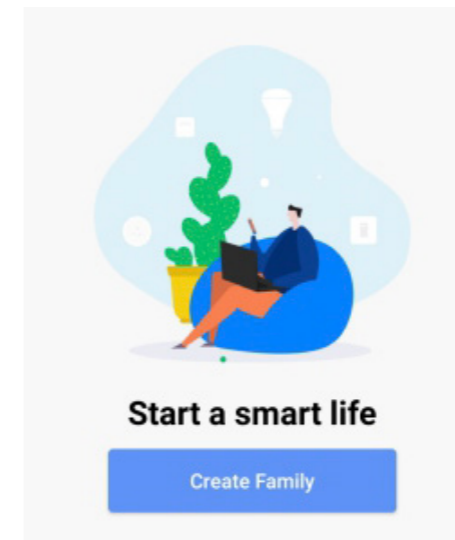
The image shows the “Enter Verification Code” screen. It has a title “Enter Verification Code” and a dashed line for entering the code. Below the line, it says “Verification code has been sent to your mobile phone: 86-13630158014, Resend(57s)”.

f. Enter password

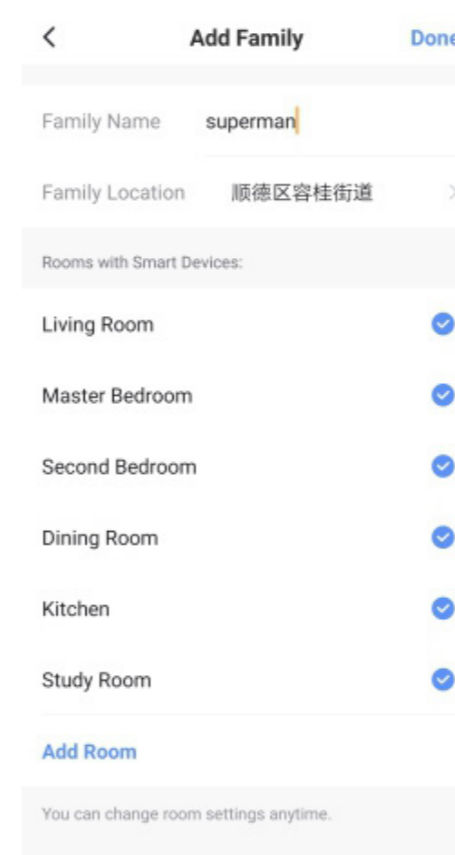
g. Click “Done” button.

The image shows the “Set Password” screen. It has a title “Set Password” and a text input field containing “realpower888”. At the bottom, there is a blue button labeled “Done”.

h. Click “Create family” button.

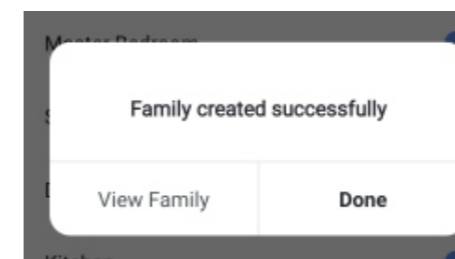


i. Enter into the main interface.

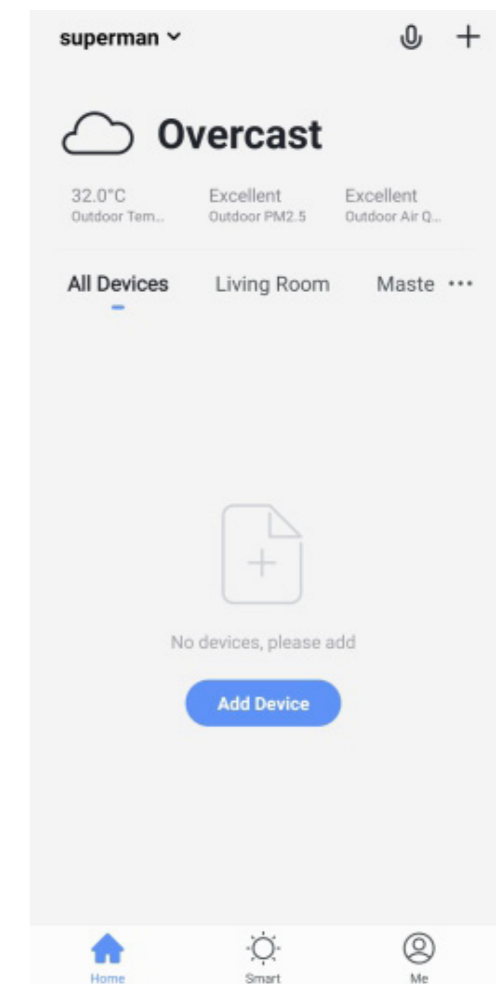


j. Enter your “Family Name” and “Family Location”, Click “Done”.

k. Click “Done” and your family name will be created successfully.

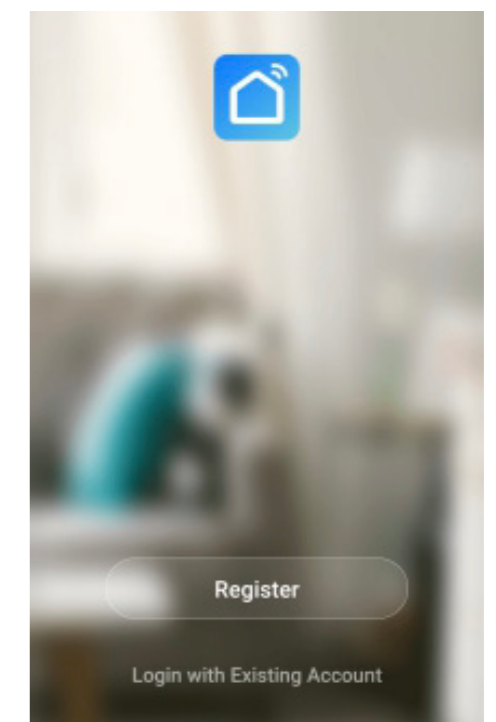


l. You can add devices or set your family and manage it.

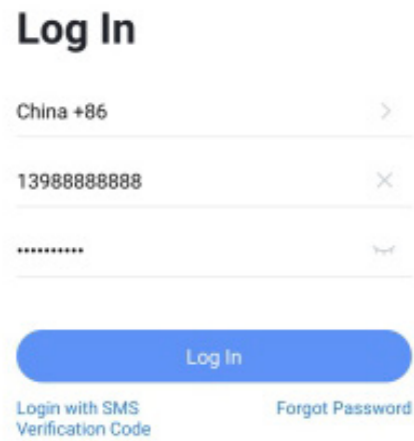


1.4. Sign in

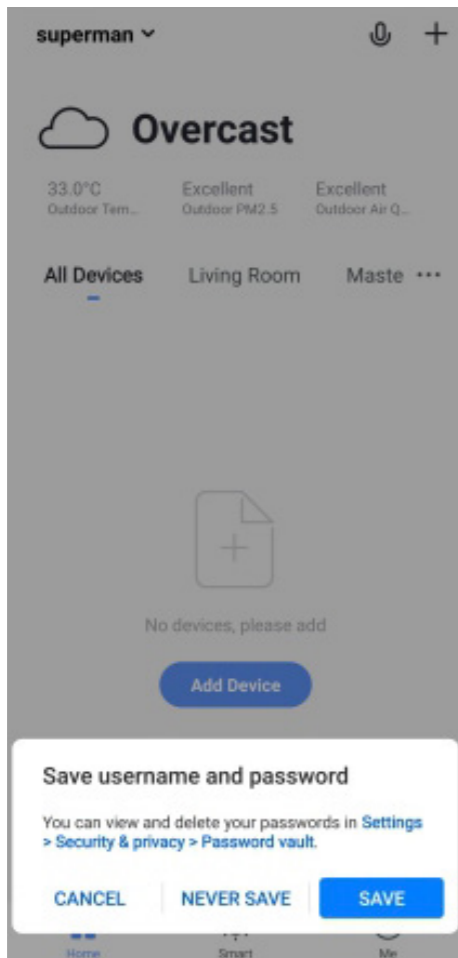
a. Run the app, click “Login with Existing Account”.



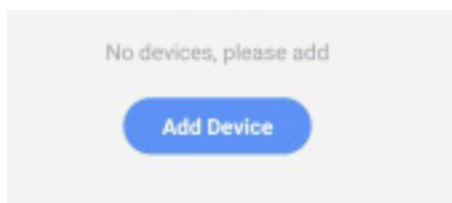
- b. Enter your phone number and password, click “Log in”.



- c. Click the “Save” button to save your username and password.



- d. You can add devices or set your family and manage it.

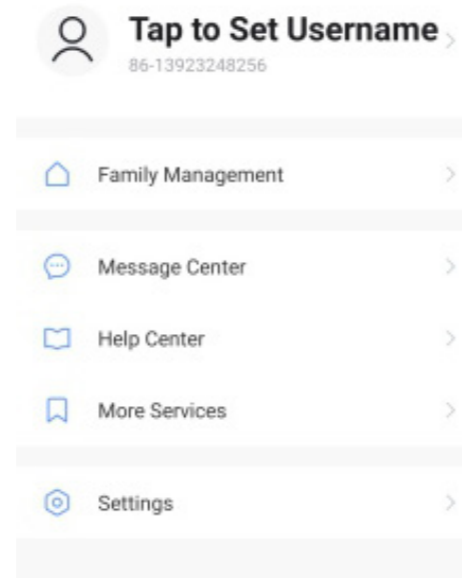


1.5 Sign out

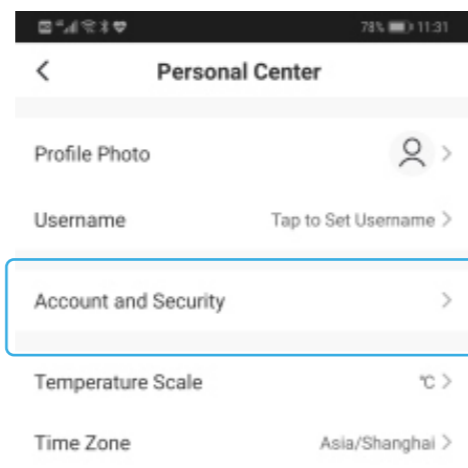
- a. Click “Me” button on the bottom right.



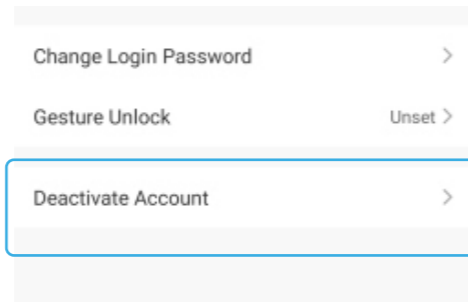
- b. Click “Tap to Set Username” on the top of interface.



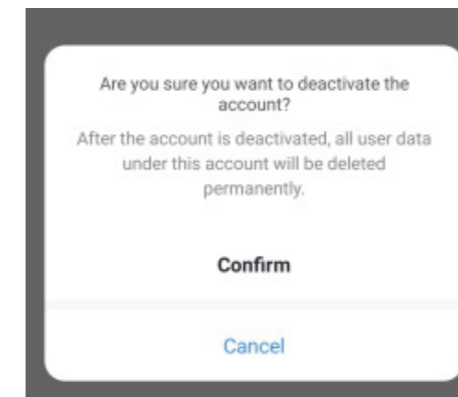
- c. Click “Account and Security”.



- d. Click “Deactivate Account”.



- e. Click “Confirm”.



- f. Click “Confirm” to sign out.

Permanently disabled on 2019-07-15 00:00:00

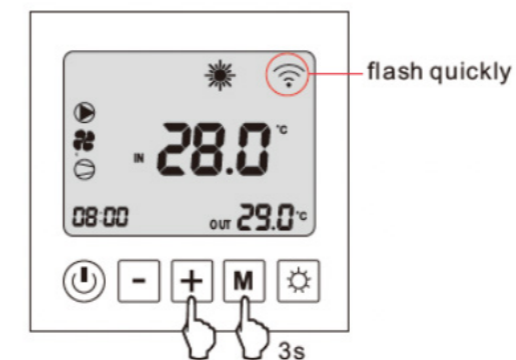
If you log in to your account before this date, your deactivation request will be canceled. We will delete all information under your account as follows:

- All of your device information
- All of your message logs
- All of your account information
- All of your images/videos captured by the camera
- All of your smart device status information
- All of your device (gateway) information
- All of your feedback information
- All of your infrared information
- All of your smart scene (linkage) information
- All of your auth2.0 information
- All of your order information
- All of your payment information
- All of your coupon information



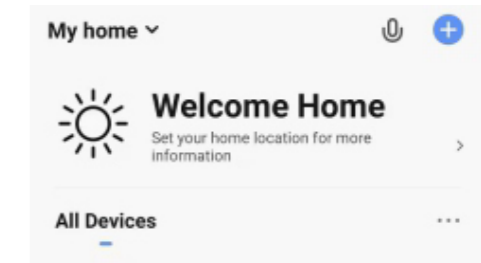
1.6 Add smart advice

Turn on the heat pump, press “up” and “M” buttons together for 3 seconds, after a drip, the system will enter into the WIFI mode, the icon in the top right corner of the wire controller will flash quickly. It means the controller is scanning WIFI signal.



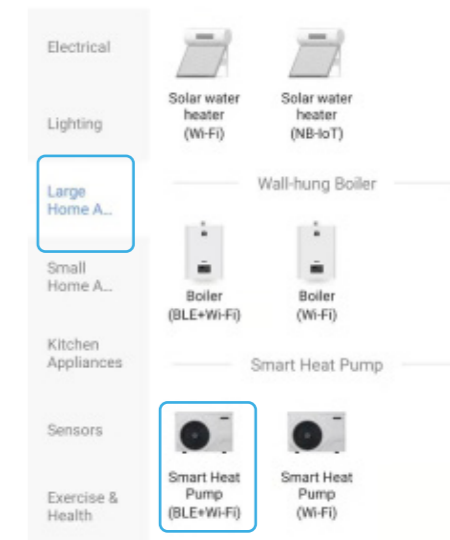
Open the “Smart Life” app on your phone.

- a. Click “+” button on top right of the interface screen.

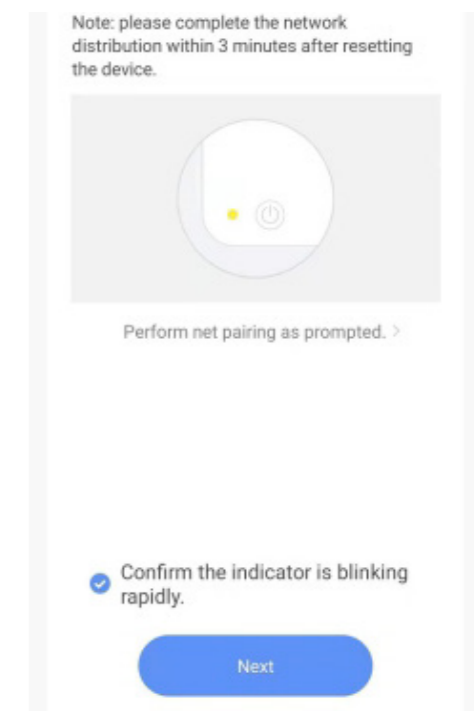


- b. Choose “Large Home Appliance” and click it.

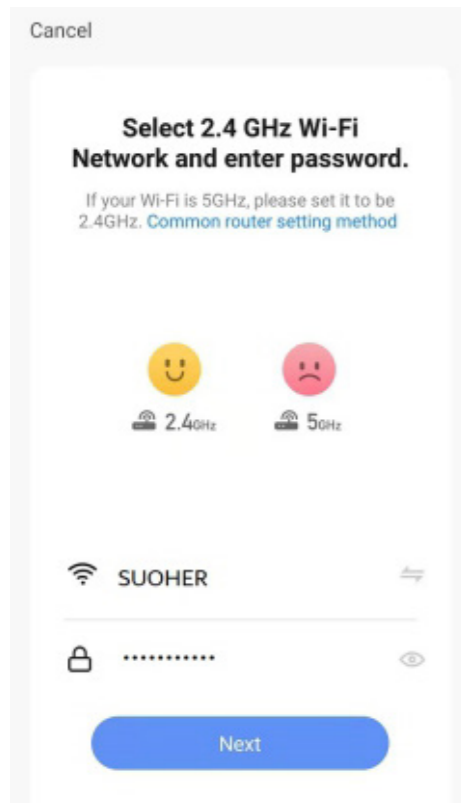
- c. Choose “Smart heat pump” and click it.



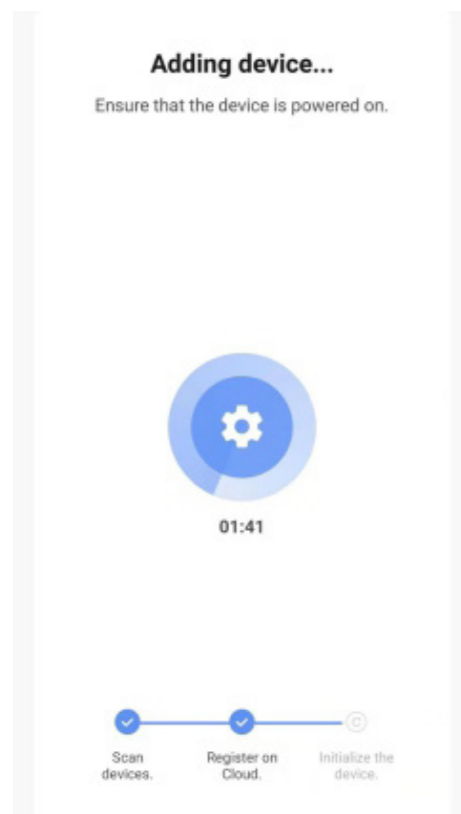
- d. Check “Confirm the indicator is blinking rapidly” and click “Next”.



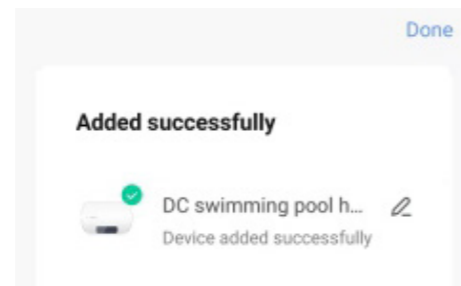
e. Enter your WIFI name and password, click “Next”.



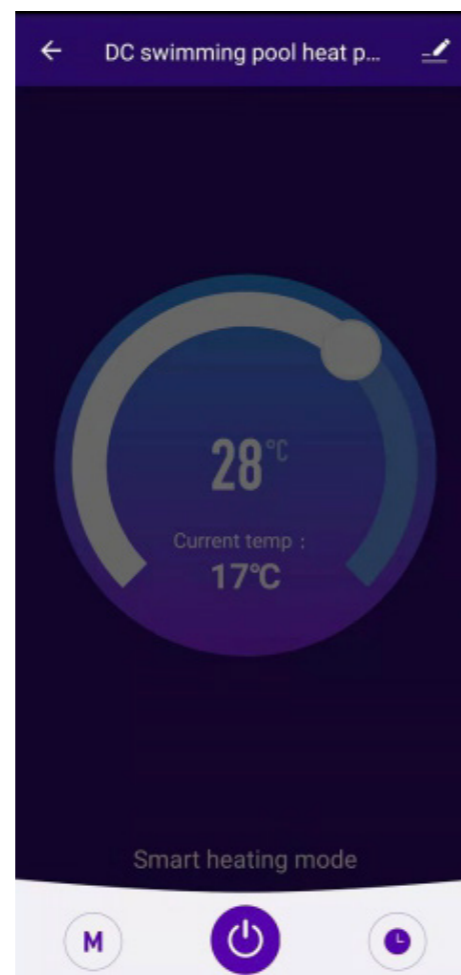
f. The device will start scanning and will connect. If the blue check marks appear before each of the three items on the bottom, it means the device connection is complete.



g. When the connection is complete, the name of heat pump will appear on the interface. Please click “Done” on the top right.



h. The main interface of heat pump control will appear

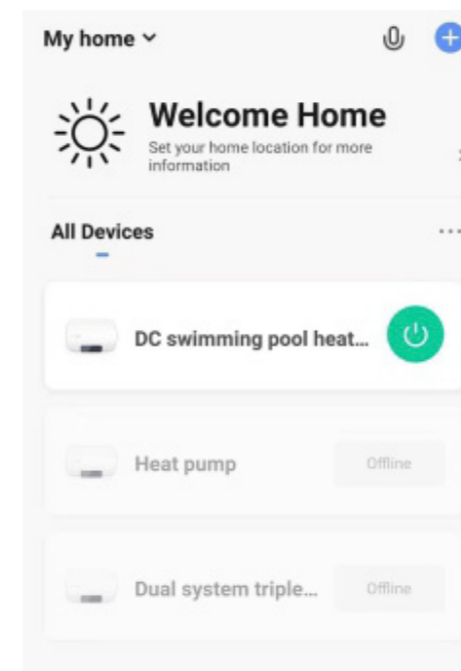
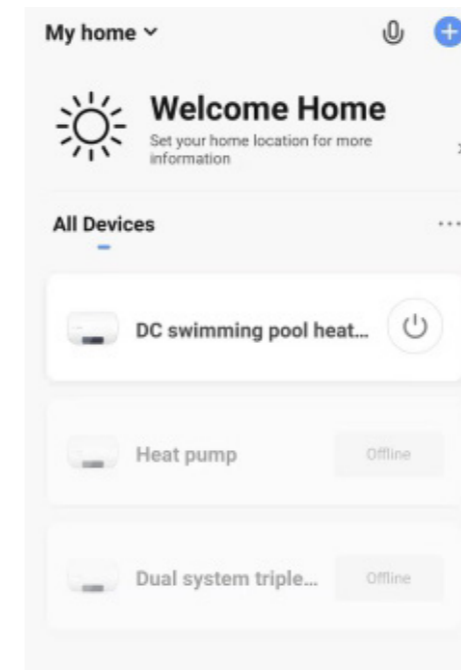


1.7 Control the heat pump through WIFI

1.7.1 Turn on/off the heat pump

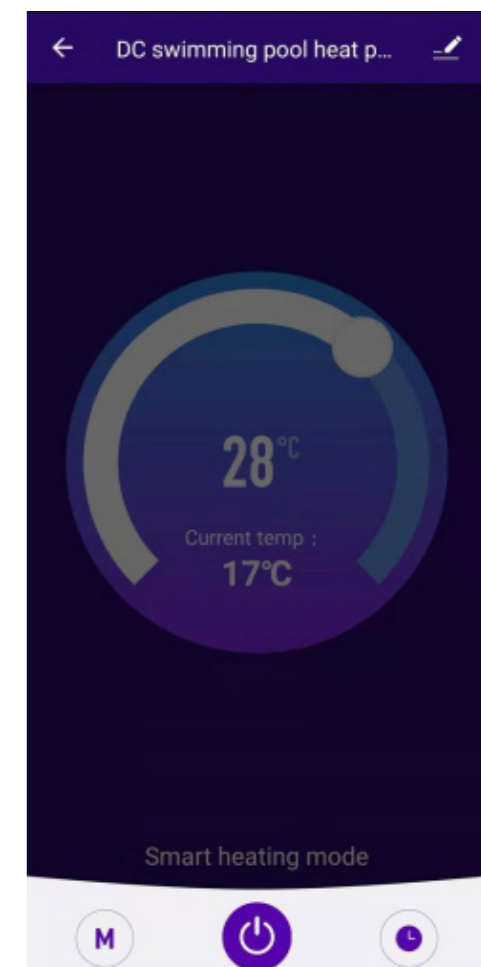
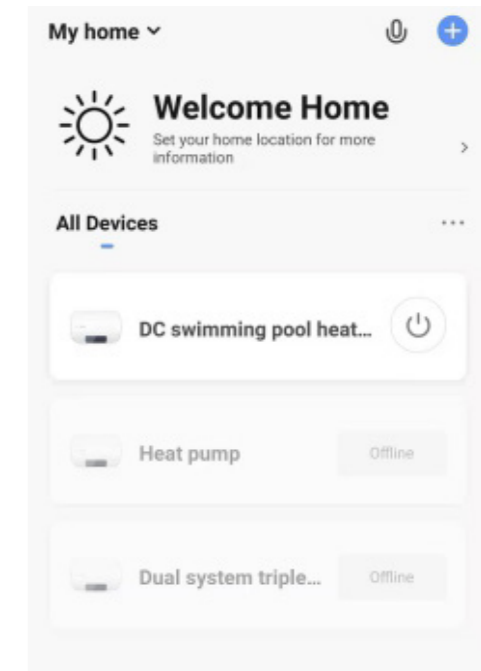
Method 1:

Press the “on/off” button in the main interface, when the icon becomes green, this means that the heat pump is now on.

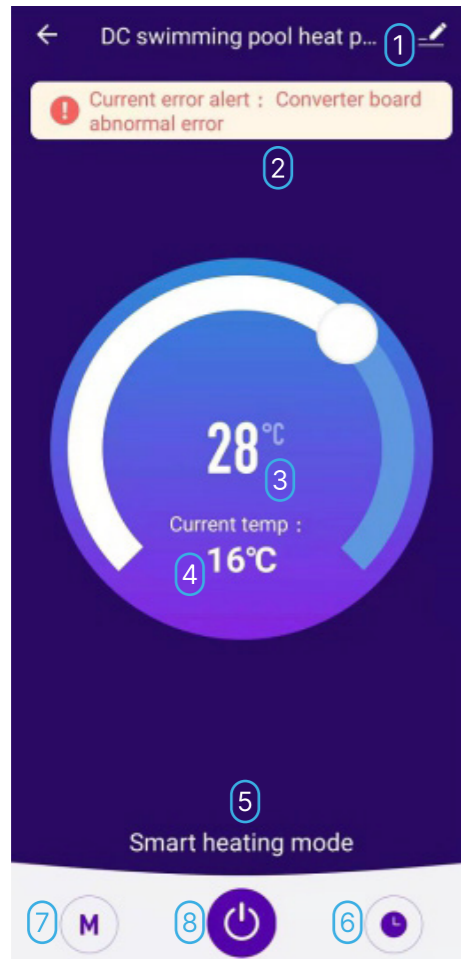


Method 2:

Press the name of the heat pump, enter into the control interface, then press the “on/off” button on the bottom, the heat pump will turn on.



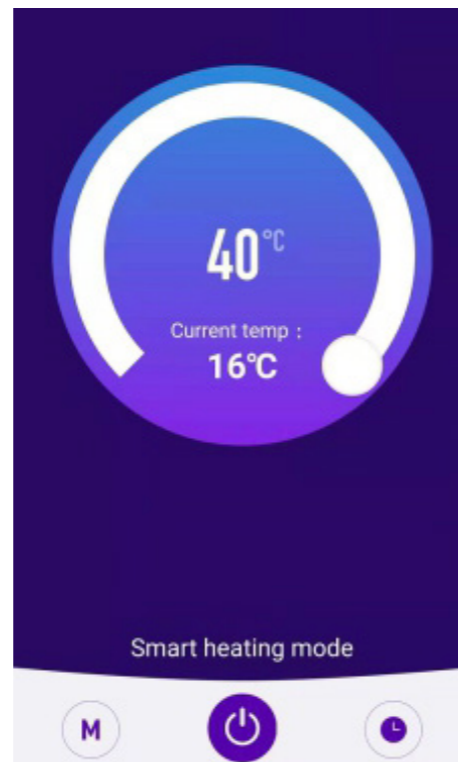
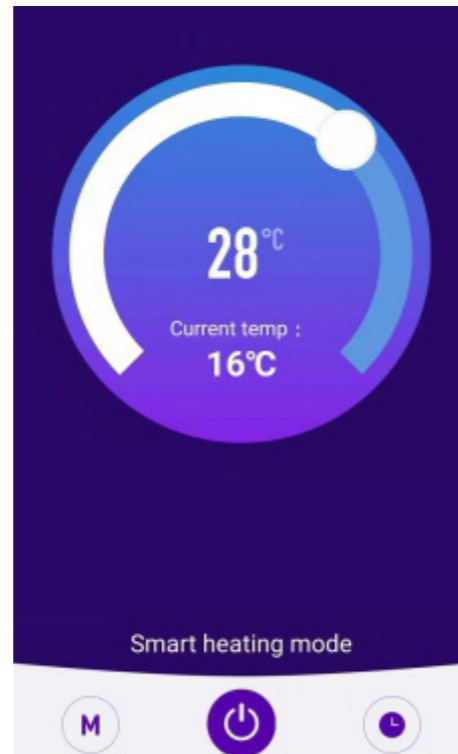
1.7.2 Interface description



- ① name of the heat pump
- ② error description
- ③ set temperature
- ④ current temperature
- ⑤ operation mode
- ⑥ timer setting
- ⑦ mode selection
- ⑧ turn on/off

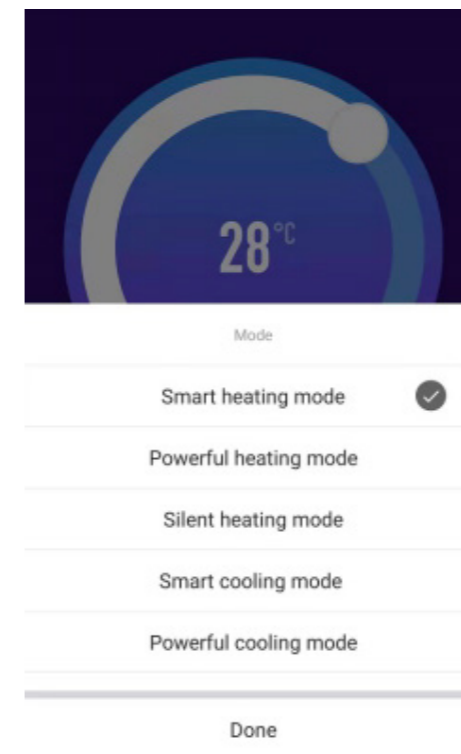
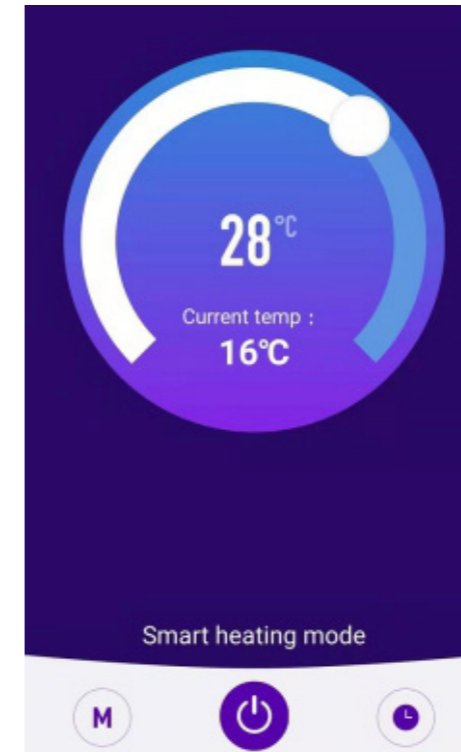
1.7.3 Adjust the temperature

Click any part of the temperature ring with your finger to set the temperature to the corresponding value, or pull the head of the temperature ring with your finger to adjust the set temperature smoothly.



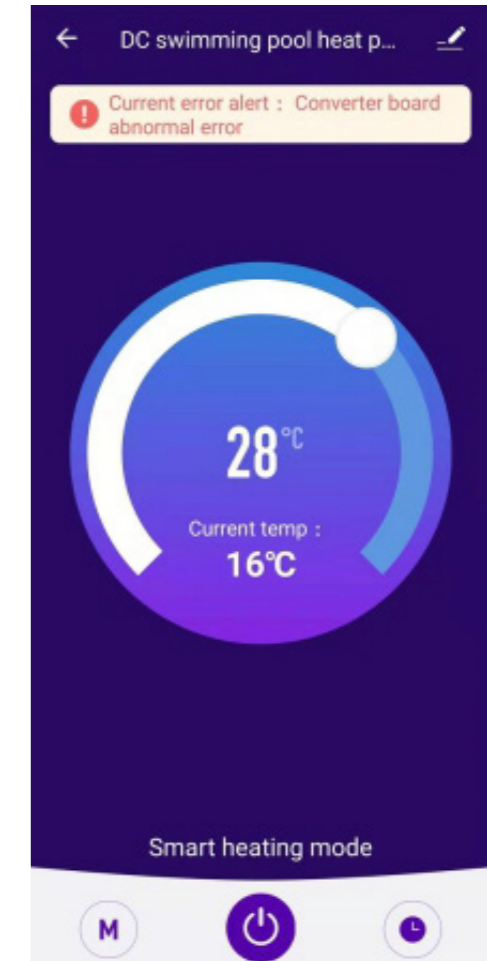
1.7.4 Mode setting

Click "M" button on the bottom left, then choose the running mode you want.



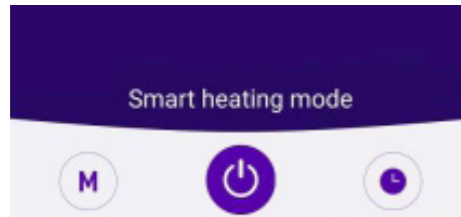
1-7-5. Error record

When the heat pump fails, the fault description will appear on the main interface.

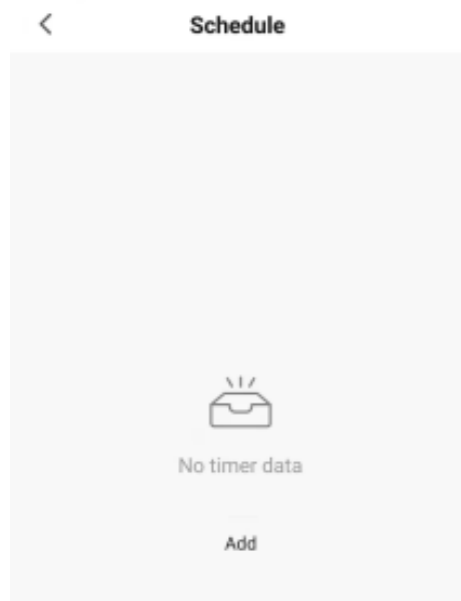


1.7.6 Timer setting

1. Click “timer” button on the right bottom.



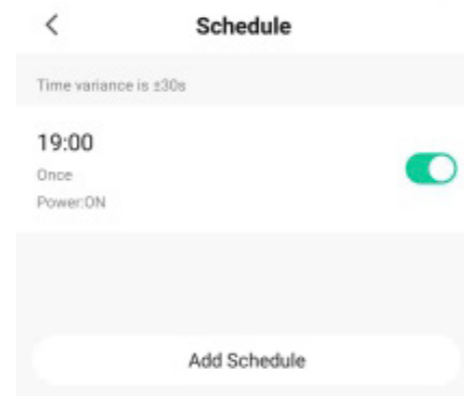
2. Click “Add” in the middle of the page.



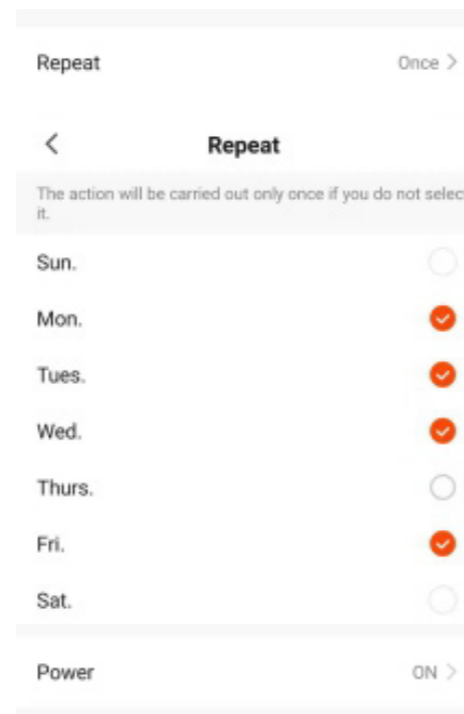
3. Slide the hour and minute column numbers up or down to adjust to the time that you require, then click “Save” on the top right.



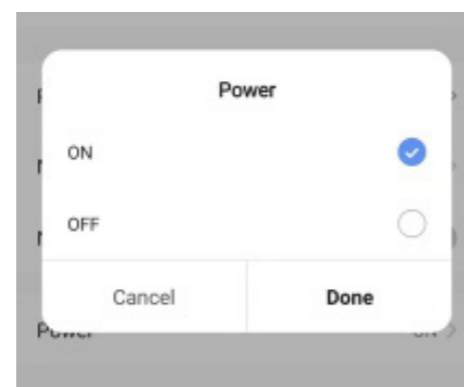
4. Now we have one timer setting. If you would like to set another timer, click “Add Schedule” at the bottom of the page. You can set another timer.



5. If you wish to repeat the timer on set days please click “Repeat”.



6. Click the “Power” button, if you wish to turn it on or off at certain times.



MAINTENANCE & CLEANING

Maintaining your Pro Plunge keeps it clean and hygienic, while also protecting it from damage.

If you want to keep it clean, you should combine both prevention and treatment to protect it. It has a built in Ozone and filter system for clear water.

Filter clean and change

The filter should be replaced every three months. We recommend that you clean the filter every 1-2 weeks depending on usage. We recommend the Pro Plunge filter.

Turn off the Pro Plunge before cleaning or changing the filter.

THE INSULATED COVER

The cover to your Pro Plunge that has been supplied as an upholstered item and needs handling with care as it is easily damaged.

It comes with a 1 year warranty. Our covers, and any future replacements, can be ordered directly via Superior Wellness.

The insulated cover is designed for three prime purposes:

- To insulate the water from warmer air temperatures, especially warm sunshine
- To stop debris from entering the water or the adjacent services area
- A physical deterrent for small children and animals endangering themselves by entering the cold water

It will benefit from a hose down every month, including the underside.

If there is a problem considered to be a manufacturing defect, this will be covered by the warranty, please contact us as needed. If the problem is due to bad handling or mis-operation unfortunately this will not be considered as a warranty repair.

Pro Plunge covers are not designed to be stood upon, crawled across, used as places to stand on to change exterior light bulbs etc.



TROUBLESHOOTING & ERROR MESSAGES

Problem	Solution
The water is murky	Ensure the filter is clean. The filter should be cleaned every 1-2 weeks depending on usage and the filter changed every 3 months. Change the water if it has become too dirty.
My Tub won't get to temperature set	Turn the appliance off for 2 minutes and turn back on, it will reset to 3 degrees Celsius. Are both vents free of obstacles and walls, they require at least 20cm of space, ideally 30cm. Check, is the compressor running, can you hear a fan, if not then please call us
There is a bad smell coming from the Tub	If the water looks clean and clear there should be no adverse smells. Run a clean cycle several times. If the water looks murky, drain and change it.
The temperature is different to what my thermometer is showing	The internal temperature probe is calibrated to within 0.3° +/- There could be an issue with the temperature sensor or PCB board. Please contact Coldtute directly via email – support@coldtute.com
My Pro Plunge will not switch on	Ensure there is power to the plug socket you are trying to use. Check the fuse in the plug has not blown. Also check the breaker inside of the control box inside the unit.
How do I drain my Tub?	To drain your Pro Plunge, please locate the rubber cap on the removable panel on the bottom right hand corner. Please remove the rubber cap and attach your hose pipe connection (you will receive this with your Pro Plunge). When you remove the wooden hatch, you will see a small red valve at the bottom, turn 90 degrees to open so the water may come out. Please remember to make sure your Pro Plunge is turned off. To fill, simply place your hose in the Pro Plunge and leave until it has covered the vents. This time to fill will vary depending on your water pressure.
How do I remove the air locks?	On top of your filter/pump you will have either a brass fitting or a gray hexagon shape cap. If you have a brass fitting with a small cap on, please unscrew the cap a little to release any air in the pump. If your Pro Plunge has a gray hexagon shape cap, please loosen this a little to release the air until the water slowly comes out.
I think the fuse may have tripped?	Please unplug your Pro Plunge and check the fuse in the plug socket. On the RCD box in the Pro Plunge there are two plugs which are labelled pump and compressor. Please unplug the compressor by unscrewing it first, then unplug it and turn your Pro Plunge on. If it stays on with just the pump running your compressor will need changing please call the After Sales team on 01246 559071 and we will be happy to assist you.

FAULT CODE TABLE

System parameters

Parameter	Meaning	Range	Default	Remark
P01	Cooling inlet water temperature setting range	3 - 45°C (50°F - 113°F)	27 (81°F)	adjustable
P02	Heating inlet water temperature setting range	3 - 45°C (50°F - 113°F)	27 (81°F)	adjustable
P03	Defrost cycle	30 - 90 Min	45	adjustable
P04	Defrost entry temperature	0 - -30°C (32°F - -22°F)	-7 (19°F)	adjustable
P05	Exit defrosting temperature	2 - 30°C (36°F - -86°F)	13 (55°F)	adjustable
P06	Exit defrosting time period	1-12 Min	5	adjustable
P07	Model (single cooling/heat pump/single heating)	0 - single cooling 1 - heating & cooling 2 - single heating	0	adjustable
P08	Automatic inlet water temperature setting value	3 - 45°C (50°F - 113°F)	27 (81°F)	adjustable
P09	Discharge temperature protection value	85 - 110°C (185°F - 230°F)	95 (203°F)	adjustable
P10	Water pump operation mode	0 (ordinary) / 1 (special)	1	adjustable
P11	Differential setting temperature	1 - 4°C (2°F - 7°F)	1 (2°F)	adjustable
P12	Differential setting temperature	30 - 50°C (86°F - 122°F)	40 (104°F)	adjustable
P13	Target temperature difference between heating discharge and inlet water	5 - 100	35 (63°F)	adjustable
P14	Cooling electronic expansion valve exhaust regulating temperature	80 - 120	95 (203°F)	adjustable
P15	Steps of cooling electronic expansion valve under condition 0 (y0)	100 - 500	250	adjustable
P16	Steps of cooling electronic expansion valve under condition 1 (y1)	100 - 500	400	adjustable
P17	Steps of cooling electronic expansion valve under condition 2 (y2)	100 - 500	480	adjustable
P18	Steps of cooling electronic expansion valve under condition 3 (y3)	100 - 500	300	adjustable
P19	Steps of cooling electronic expansion valve under condition 4 (y4)	100 - 500	400	adjustable

P20	Steps of cooling electronic expansion valve under condition 5 (y5)	100 - 500	480	adjustable
P21	Steps of cooling electronic expansion valve under condition 6 (y6)	100 - 500	350	adjustable
P22	Steps of cooling electronic expansion valve under condition 7 (y7)	100 - 500	450	adjustable
P23	Steps of cooling electronic expansion valve under condition 8 (y8)	100 - 500	480	adjustable
P24	Steps of electronic expansion valve when defrosting	100 - 500	400	adjustable

System Status Query

A01	Inlet water temperature	-9 - 99°C	Measured value
A02	Discharge temperature	-9 - 99°C	Measured value
A03	Coil temperature	-9 - 99°C	Measured value
A04	Ambient temperature	-9 - 99°C	Measured value
A05	Steps of electronic expansion valve	0 - 500	Measured value

System Malfunction

Protection/ Fault	Wire Controller
Standby	
Normal startup	
Water inlet temperature sensor fault	PP 1
Discharge temperature sensor fault	PP 2
Coil temperature sensor fault	PP 3
Ambient temperature sensor fault	PP 5
Winter first level antifreeze protection	AFP
Winter second level antifreeze protection	AFP
Water flow fault	FFF
High pressure protection	EE 1
Low pressure protection	EE 2
Discharge temperature too high protection	EE 5
Phase-sequence protection	EE 4
Communication failure	EE 6
Defrosting	Defrost indication

WARRANTY AND REPAIRS

Our Coldtuture warranty provides coverage for defects in workmanship and defects or malfunctions that arise during normal use conditions for a period of 2 years from the date of delivery.

This warranty applies to commercial and residential use of the Pro Plunge and only to the original purchaser or original owner if the product was purchased as a gift. **The use of any hot tub/multi-functional tablets is prohibited and will invalidate your warranty, as this may cause problems with the stainless steel structure. We recommend you only use the Pure & Simple Sanitizer tablets.** The warranty does not cover damage resulting from the addition of chemicals to the water, (excluding our recommended Pure & Simple Sanitizer) neglected filter care and replacement, power outages, low water flow, restricted air flow, or any other form of neglect, misuse, or abuse. There may be other exclusions to this warranty, as described in the Limited Warranty. It is important to carefully read and understand the terms of the Limited Warranty in order to fully understand the coverage provided.

Warranty Limitations

- The warranty period starts upon delivery of the Pro Plunge

- The warranty does not cover damage caused by misuse, lack of maintenance, or lime scale deposits. Chemical abuse or poor water chemistry. Coldtuture Wellness Inc. reserves the right to replace the defective parts with factory or re-manufactured parts.
- Coldtuture Wellness Inc. is not responsible for any damage caused by alterations or modifications by the consumer.
- The warranty of the Pro Plunge does not cover defects, damage or failure caused by the common carrier, installer, user or other persons, pets or rodents, or resulting from, without limitation, any of the following: careless handling (lifting unit by plumbing, abrading finish, etc) including its own negligence; modification of any type for any reason) including modification to meet local codes); Improper installation (including installation not in accordance with instructions and specifications provided with the unit); connections supplied by the installer of the equipment; improper voltage supply or unauthorized electrical modification; misuse; incorrect operation, or lack of proper routine maintenance; operation of the unit without specified minimum amount of water or at inappropriate water temperature; use of abrasive or improper cleaners; or acts of God, such as lightning, floods, earthquakes etc.

- In addition, Coldtuture Wellness Inc. will not be responsible for incidental or consequential damages or losses arising from any cause (e.g. water damage to carpet, ceiling, tiles, marbles, loss of use etc) including it's own negligence; damages to, respecting or resulting from: chemicals/misuse are used in the unit or hard water conditions; optional equipment not manufactured by the company but supplied with the dealer, installer or Company; the units prior usage as an operational of display; or defects that should have been discovered before installation.
- This warranty does not include labor, transportation, crane, or any other costs incurred in the removal and or re-installation of the original unit and/ or installation of a replacement unit; any costs relating to obtaining access for repair; or loss of use damage, including loss of sales, profit, or business under any circumstances. Pro Plunge units are excluded of any warranty coverage if any addition, deletion, or modification of any kind whatsoever has been made to the unit (or to any component).
- The warranty does not cover defects of damage due to normal wear and tear, improper installation, alterations without the manufacturer written consent, accident, misuse, abuse, commercial or industrial use, the use of an accessory not approved by the manufacturer, failure to follow the user

manual, or repairs made or attempted by anyone other than an authorized representative of the manufacturer.

- Coldtuture Wellness Inc. will not provide compensation for delays in resolving warranty claims, or loss of use whilst the claim is in process.

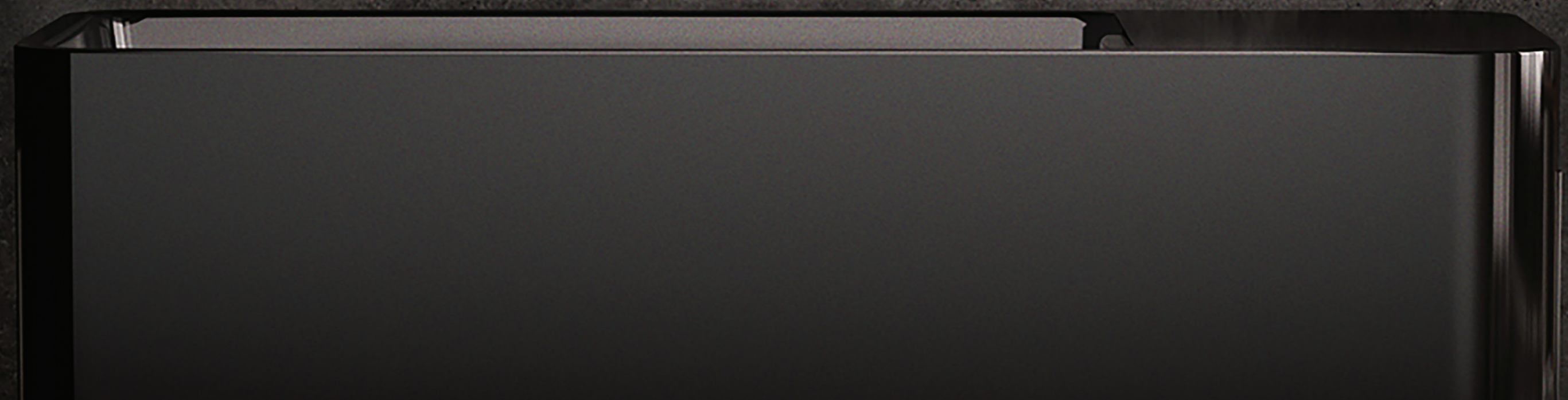
Extent of Warranty

This warranty extends only to the original consumer purchaser of the Pro Plunge when invoiced and delivered. The warranty terminates upon any transfer of ownership prior to the expiration of the warranty period. Any modifications to the Pro Plunge will void the warranty.

How to make a claim

If you are a Coldtuture retailer making a claim on behalf of your customer, please contact support@coldtuture.com.

If you are a Coldtuture customer, please contact your Coldtuture retailer who will make the claim on your behalf.



DISPOSING OF YOUR PRODUCT

Before disposing of your Pro Plunge, please make sure it is switched off and safe.

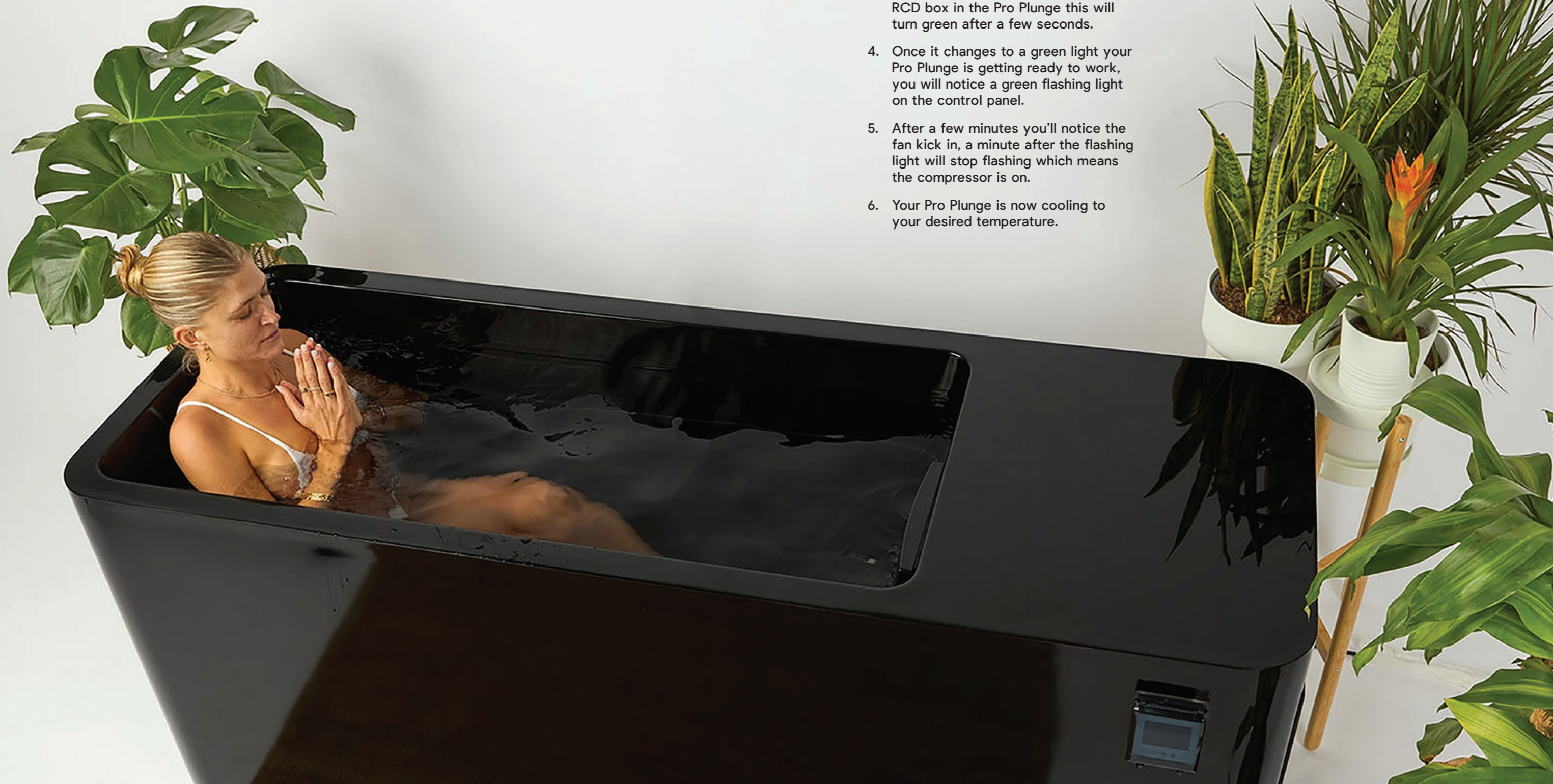
Please note: the refrigeration system contains gases and refrigerants which require specialist waste disposal. The valuable materials contained in a refrigeration appliance can be recycled.

Contact your local waste disposal depot for proper disposal of your Pro Plunge and contact your local authority, or you can speak to us directly if you have any questions.

FULL SET UP GUIDE

Please follow this step by step guide when setting up your Pro Plunge by yourself.

1. Fill your Pro Plunge to above the suction vents (this may take a while depending on your water pressure) or the advised water line.
2. Ensure the Pro Plunge is plugged in and press the orange button to see the red light on the little trip switch.
3. You will see an orange light on the RCD box in the Pro Plunge this will turn green after a few seconds.
4. Once it changes to a green light your Pro Plunge is getting ready to work, you will notice a green flashing light on the control panel.
5. After a few minutes you'll notice the fan kick in, a minute after the flashing light will stop flashing which means the compressor is on.
6. Your Pro Plunge is now cooling to your desired temperature.
7. Once it has reached your set temperature it will shut off the compressor and the fan.
8. After the water temperature has risen a few degrees, the fan and compressor will turn on again to cool back down to temperature.





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