

# HEAT PUMP

**R290** Mr. Green



**Contents OPERATING INSTRUCTIONS**

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## A. Introduction

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Thank you for choosing our inverter pool heat pump. It is designed to give the user the advantage of quieter and more energy-efficient operation. It is the ideal way to heat your pool in an environmentally friendly way.

We hope you will be satisfied with our heat pump.

Thank you!



Warning, flammable material



Read the operating instructions



User manual, instructions for use



Service indicator, read the technical manual

## B. Safety precautions

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We have included important safety warnings in this manual and on your heat pump.

Read and follow all safety instructions.

This heat pump uses the environmentally friendly refrigerant R290.

### 1. Warning

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The **WARNING** symbol indicates a hazard. It draws attention to procedures, actions, etc. that may result in personal injury or damage to third parties if not correctly carried out or observed. These symbols are rarely used, but are very important.

#### **WARNING**

Do not use any means to speed up the defrosting or cleaning process other than those recommended by the manufacturer.

Do not pierce or incinerate.

Keep in mind that refrigerants may not have any odor.

	a. Keep the heat pump away from sources of fire.
	b. Must be placed in a well-ventilated environment, indoor or enclosed space is not allowed.
	c. Repairs or maintenance may only be carried out by trained personnel.
	d. Completely evacuate before welding. Welding may only be performed by qualified personnel. service center.

## 2. Warning

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- a. Please read the following instructions before installation, use and maintenance.
- b. Installation must be carried out by qualified personnel only in accordance with these instructions.
- c. After installation, a leak test must be performed.
- d. Do not use any methods other than those recommended by the manufacturer to speed up the defrosting or cleaning process.  
frozen parts.
- e. If repair is necessary, please contact the nearest after-sales service center. The repair process must be strictly in accordance with the manual. Any unprofessional repairs are prohibited.
- f. Set the correct temperature to achieve a comfortable water temperature and prevent overheating or hypothermia.
- g. Do not place objects near the unit that would block the airflow near the inlet or outlet area, otherwise the efficiency of the heat pump will decrease or even stop.
- h. Do not use or store flammable gases or liquids such as thinners, paints and fuel in the installation area to avoid they escaped the fire.
- i. To optimize the heating effect, install thermal insulation on the pipes between the pool and the heat pump and Use the recommended pool cover.
- j. The length of the connecting pipe between the swimming pool and the heat pump should be  $\geq 10$  m.
- k. This unit can only be connected to a power source with one complete cable.
- l. This unit can only be installed outdoors.

## 3. Security

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- a. Keep the main power switch out of the reach of children.
- b. If a power failure occurs during operation and the power is restored later, the heat pump will start.
- c. During thunderstorms and lightning strikes, turn off the main power to prevent damage to the equipment caused by lightning.
- d. Installation and all repairs should be carried out in a well-ventilated area. No one is allowed to be present during operation.  
sources of ignition.
- e. To minimize risk, prior to maintenance or repair of heat pumps with R290 gas, the following must be carried out:  
security check.
- f. If R290 gas leaks during installation, all operations must be stopped immediately, all potential sources of leakage must be removed  
Remove fire from the work area and ensure thorough ventilation. Evacuate all persons and contact the service center.

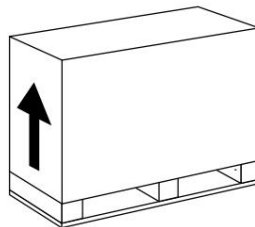
## C. About your heat pump

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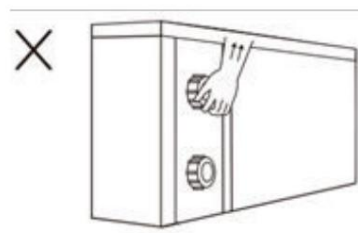
### 1. Transportation

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a. The unit must always be in an upright position.

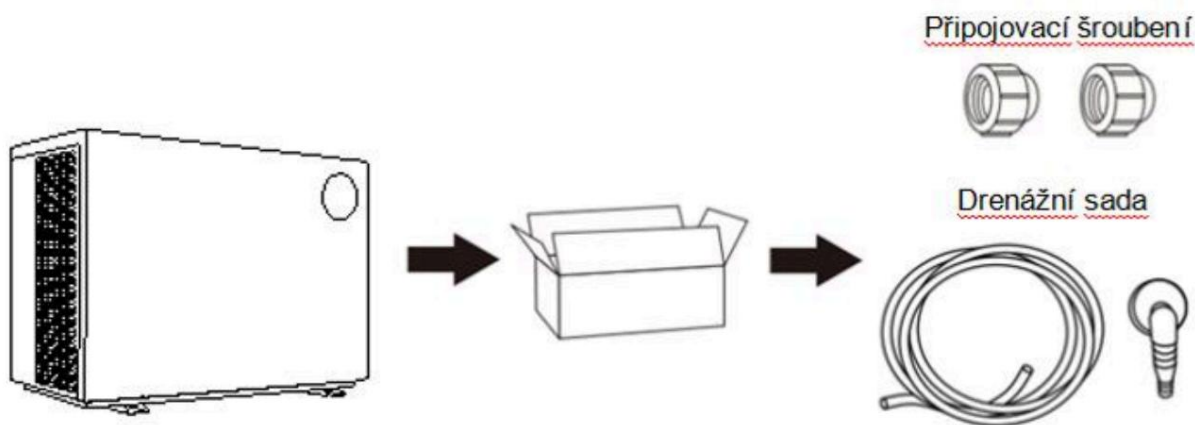


b. Do not lift the unit by the hex fitting on the water outlets (otherwise the titanium heat exchanger may be damaged).



### 2. Accessories

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### 3. Elements

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- a. Turbo fan
- b. DC Twin Inverter Compressor
- c. DC fan motor, without carbon brushes
- d. EEV technology
- e. Reverse cycle defrost with 4-way valve
- f. High efficiency spiral titanium heat exchanger
- g. Sensitive and precise temperature control and water temperature display
- h. High and low pressure protection
- i. Full protection of the electrical system

#### 4. Working range

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To obtain the desired water temperature, adjust the pool water temperature efficiently and economically.

a. The heat pump can operate at an ambient temperature of -20°C to 43°C. b.

Heating temperature 18 to 40°C.

c. Cooling temperature 12 to 30 °C.




The ideal operating air temperature range is between 15 and 25 °C.

#### 5. Introducing different modes

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a. The heat pump has three modes: turbo, perfect and quiet.

b. These regimes have different effects under different conditions.

Mode icon	Regime	Efficiency
	Turbo	Heating power: 20 to 130% of capacity  Fast heating
	Perfect	Heating power: 20 to 100% capacity  Automatic adjustment according to ambient and water temperature, intelligent optimization  High efficiency and energy saving
	Quiet	Heating power: 20 to 60% of capacity  Night operation

## 6. Technical parameters

Model		MGRC080	MGRC100	MGRC140	MGRC180	MGRC210
Recommended pool volume [m <sup>3</sup> ]		15~30	20~30	30~45	40~65	40~75
PERFORMANCE CONDITIONS: air 27 °C / water 27 °C / humidity 80%						
Turbo Mode (130%)	Thermal output [kW]	7.5	9.5	13.5	18.0	21.0
	Perfect Regime	5.8	7.3	10.4	13.8	16.2
Perfect Regime	BRAID	13.1~6.5	13.3~6.8	13.5~6.6	16.0~6.9	14.6~6.7
	Average COP	9.3	9.4	9.5	10.2	9.8
PERFORMANCE CONDITIONS: air 15 °C / water 26 °C / humidity 70%						
Turbo Mode (130%)	Thermal output [kW]	5.3	6.7	9.5	12.5	14.7
	Perfect Regime	4.1	5.2	7.3	9.6	11.3
Perfect Regime	BRAID	7.0~4.6	7.1~4.7	7.2~4.6	7.5~4.9	7.3~4.7
	Average COP	6.1	6.2	6.2	6.6	6.3
PERFORMANCE CONDITIONS: air 35 °C / water 28 °C / humidity 80%						
Cooling capacity [kW]		3.4	4.5	6.1	8.1	10.0
Operating air temperature [°C]		-5~43				
Power supply		230V~/1Ph/50Hz				
Nominal power input [kW]		0.16~1.37	0.20~1.70	0.30~2.46	0.36~3.04	0.45~3.72
Power consumption [kW] at 50% speed [kW]		0.43	0.54	0.77	0.95	1.17
Rated current [A]		0.70~5.96	0.87~7.39	1.30~10.70	1.57~13.22	1.96~16.17
Acoustic noise level at a distance of 1 m dB(A)		38.2~47.8	38.8~48.0	40.5~50.8	41.6~53.2	42.5~54.0
50% of the acoustic noise level in		41.0	41.5	45.5	45.6	46.5
Acoustic noise level at a distance of 10 m dB(A)		18.2~27.8	18.8~28.0	20.5~30.8	21.6~33.2	22.5~34.0
Recommended water flow [m <sup>3</sup> /h]		2~4	2~4	4~6	6~8	7~10
Water connection [mm]		50mm				

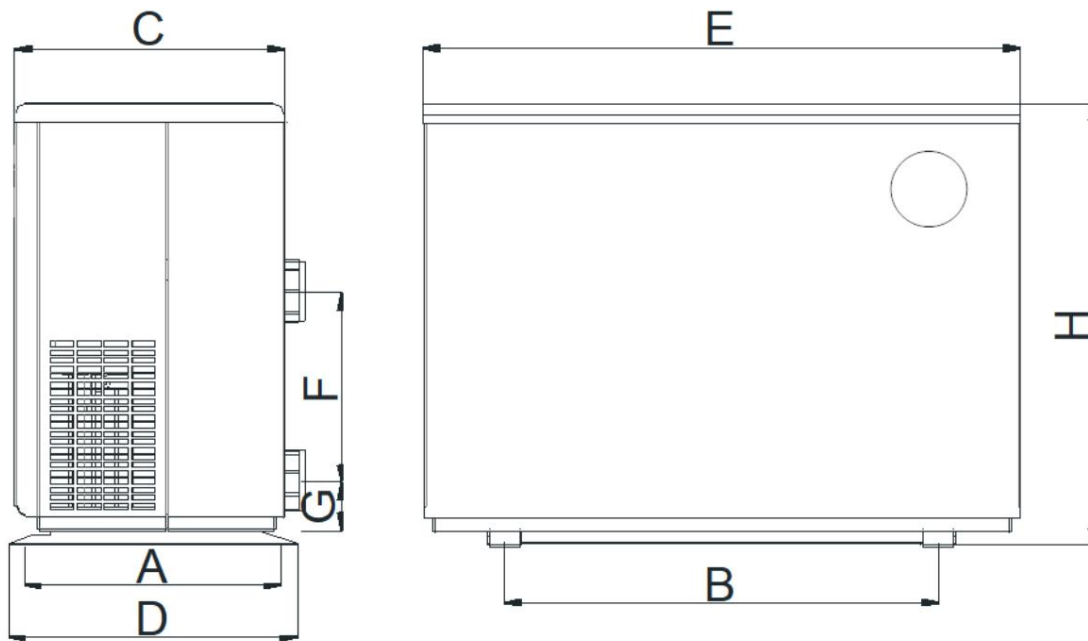
**Note:**

This heat pump can normally operate at temperatures between 5 and +43°C, outside this range efficiency will not be guaranteed.

Please note that the performance and parameters of a swimming pool heat pump vary under different conditions.

The parameters listed are subject to periodic changes for technical improvements without further notice. Please refer to the product label for details.

## 7. Dimensions



Size [mm] Model	Name	AND	B	C	D	E	F	G	H
MGRC080		410	645	404	430	889	220	74	656
MGRC100		410	645	404	430	889	240	74	656
MGRC140		410	645	404	430	889	270	74	656
MGRC180		410	710	404	430	1059	290	74	756
MGRC210		410	710	404	430	1059	290	74	756

• Specifications are subject to change without notice.

**Note:** The above drawing with the specification of the swimming pool heat pump only contains references for technical staff.

## D. Installation instructions

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### 1. Installation Notice

The heat pump may only be installed by qualified personnel. Users are not qualified to install the pump themselves - otherwise the heat pump may be damaged and the safety of users may be compromised.

#### a. Installation distance, drain pipe installation and water pipe connection

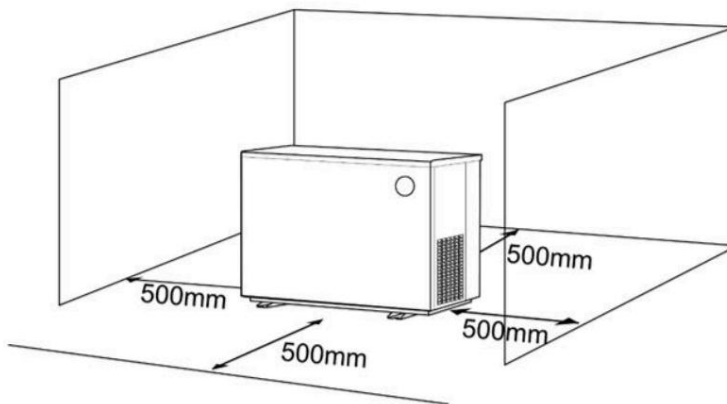


The inverter pool heat pump should be installed outdoors in a well-ventilated area and away from range of open fire.

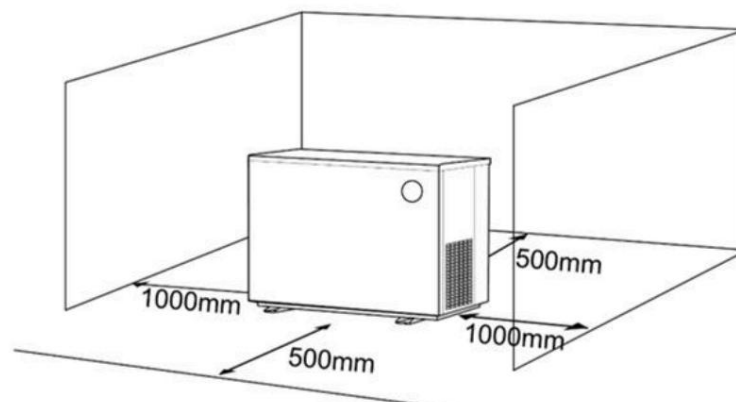
The distance should be greater than the following:

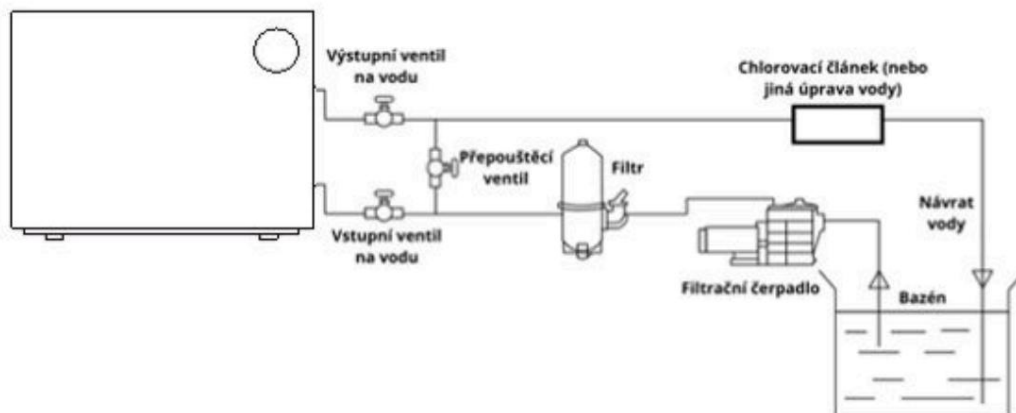
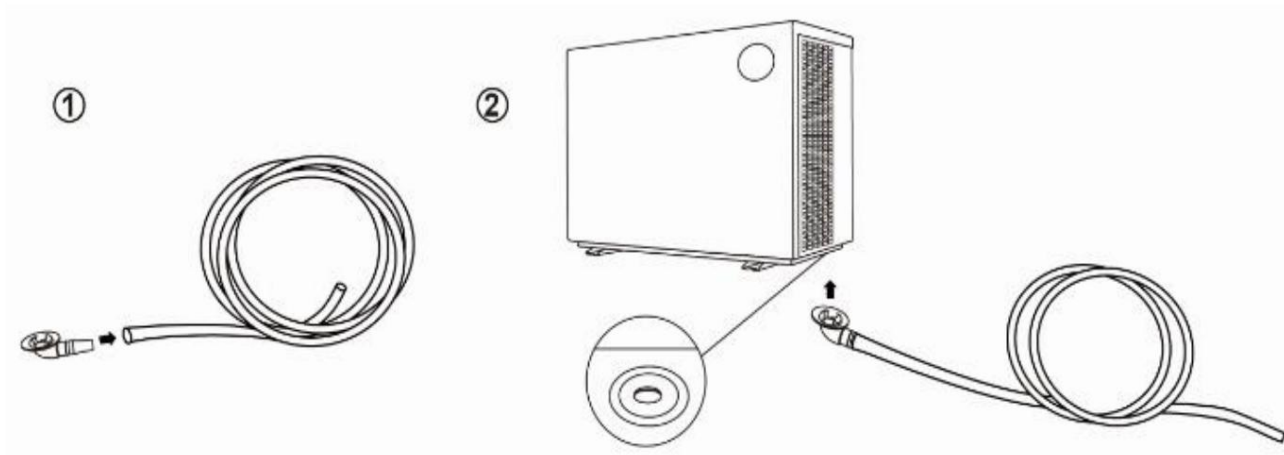
Mounting distance

#### For models 18 kW and below



#### For models 20 kW and below




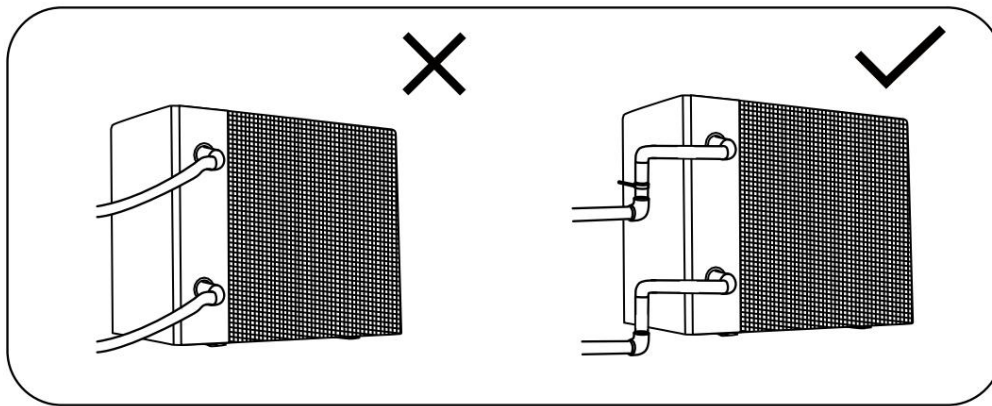



- 1) The frame must be fixed with bolts (M10) to the concrete foundation or brackets. The concrete foundation must be hard and solid;  
The consoles must be sufficiently strong and treated against corrosion.
- 2) Do not place objects near the air inlet or outlet area that would block the air flow, and  
Leave a free space of at least 50 cm behind the device, otherwise the efficiency of the heat pump will decrease or the pump will even stop working.
- 3) The machine needs an additional pump (supplied by the user). Recommended pump flow: see technical parameters, maximum displacement  $\dot{y}10$  m.
- 4) When the machine is running, condensation water will flow out from the bottom, please pay attention to it. Connect the drainage nozzle

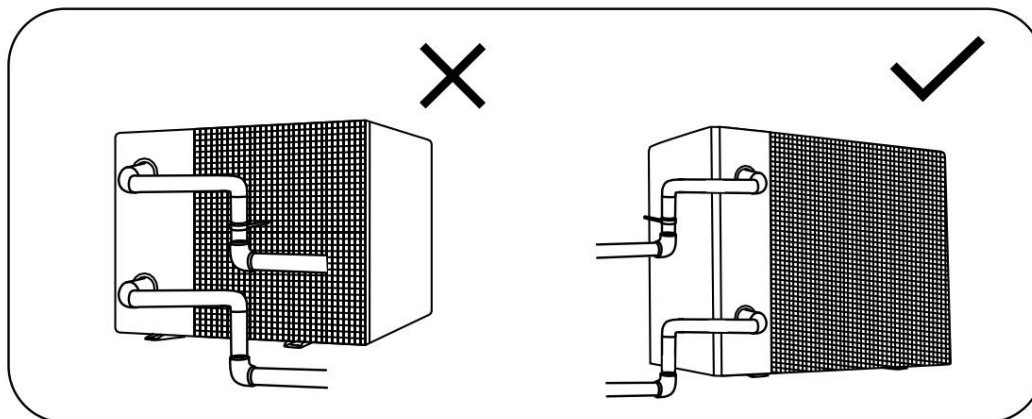
(accessory) to the hole and snap it firmly, then connect the condensation water drain pipe.

b. Connecting the water pipe

 The water inlet and outlet connections cannot support the weight of soft hoses. The heat pump must be connected with rigid with pipes!



 DO NOT place the water pipe so that it passes behind the heat pump evaporator. If this happens, cannot be avoided, cover the pipe with thermal insulation foam.



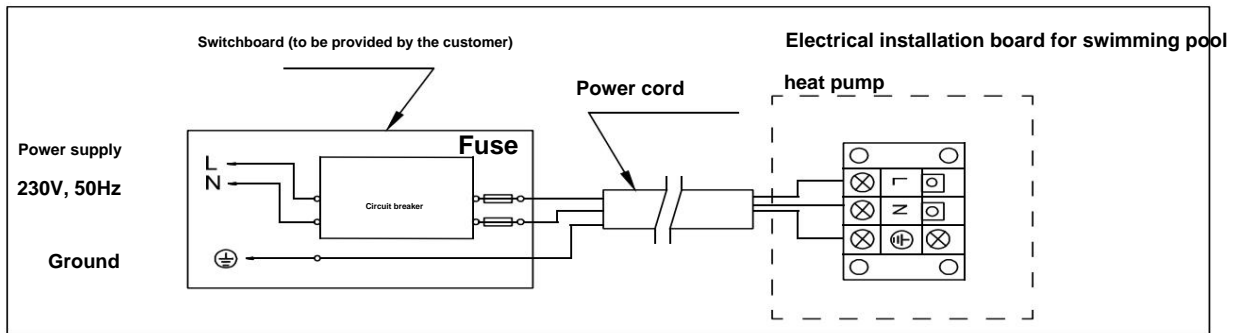
2. Warning

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- a. Connect to the appropriate power supply, the voltage should match the rated voltage of the product.
- b. Ground the machine properly.
- c. The electrical installation must be carried out by a professional technician according to the wiring diagram.
- d. Set the residual current device according to local wiring regulations (leakage operating current  $\geq 30$  mA).
- e. The power cable and signal cable should be placed so that they cannot interfere with each other; the cross-section of the cables can be appropriately selected and increased according to environmental conditions (such as ambient temperature, direct sunlight, precipitation, mains voltage, cable length).

### 3. Electrical diagram

a. For power supply: 230 V, 50 Hz



Note:

- 1)  It must be firmly connected, a plug is not allowed.
- 2) The pool heat pump must be well grounded.

### 4. References to protective devices and cable specifications

MODEL		MGRC080	MGRC100	MGRC140	MGRC180	MGRC210
Circuit breaker	Rated current [A]	10	12	15	20	20
	Rated residual operating current [mA]	30	30	30	30	30
Fuse [A]		10	12	15	20	20
Power cable [mm <sup>2</sup> ]		3x1.5	3x1.5	3x2.5	3x2.5	3x4
Maximum current [A]		6.3	7.2	11	16	18









Ÿ Specifications are subject to change without notice.

Note: The above data is valid for power cable <10 m. If the power cable is 10-40 m long, the conductor diameter must be increased. The signal cable can be extended to a maximum of 50 m.

## E. Operating instructions

### 1. Key features



Symbol	Heating and cooling modes
	<ol style="list-style-type: none"> <li>1. Power on/off</li> <li>2. Wi-Fi settings</li> </ol>
	<ol style="list-style-type: none"> <li>1. Lock/Unlock the screen</li> <li>2. Heating mode (18-40°C)</li> <li>3. Cooling mode (12-30°C)</li> <li>4. Automatic mode (12-40 °C)</li> </ol>
	<ol style="list-style-type: none"> <li>1. Turbo </li> <li>2. Perfect </li> <li>3. Silent </li> </ol>
 	Temperature setting

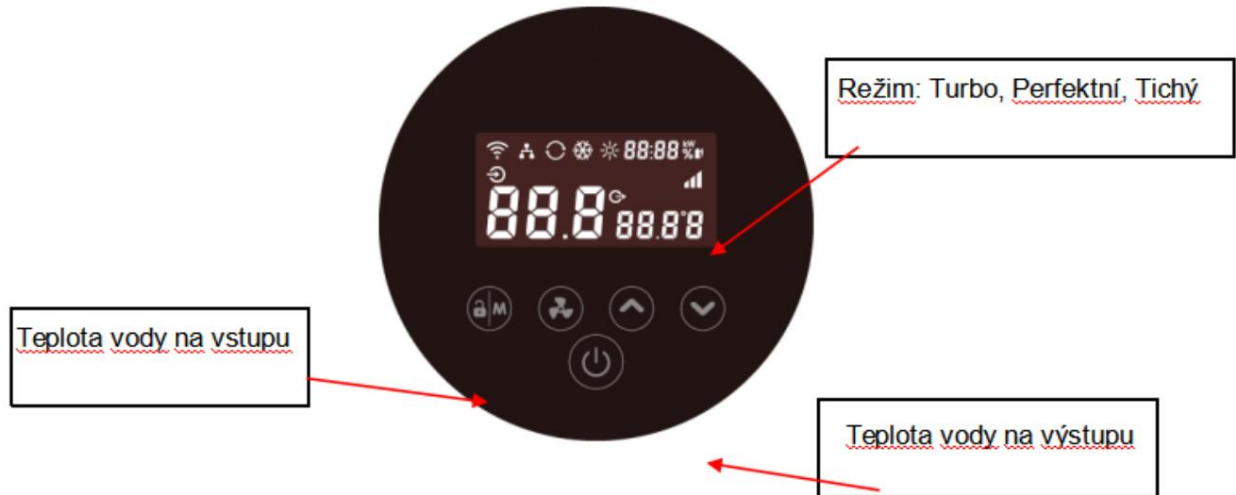
**Notice:**








- i. The controller has a power-off memory function.
- ii. When the buttons are locked, they will darken.

## 2. Display

On


Heating and cooling



	Heating mode
	Cooling mode
	Automatic mode
	Power consumption/percentage of running speed
	Wi-Fi connection
	Input
	Exit

## 3. Instructions for use

### a. Screen lock

- 1) Press  3 seconds to lock/unlock screen
- 2) Auto-lock: after 30 seconds of inactivity

**b. Power on**





Press  for 3 seconds to unlock the screen. Press  Turn on the machine.

**c. Temperature setting**

When the screen is on, press  ...  display and set the temperature.

**d. Mode selection**

**1) Heating/cooling/automatic**

Press  switches between heating , cooling  and automatic mode .

**2) Heating mode**  : water temperature setting range (18 – 40 °C)

**3) Cooling mode**  : water temperature setting range (12 – 30 °C)

**4) Automatic mode**  : water temperature setting range (12 – 40 °C)

\*When the inlet water temperature is higher than the set value, cooling mode will start automatically.

\*When the inlet water temperature is lower than the set value, heating mode will start automatically.



**e. Modes: turbo, perfect, quiet**

Heating mode: Press  switches between Turbo , Perfect  and Silent mode .

Cooling mode and Auto mode: only support Turbo  and perfect  regime.


**f. Working frequency**


Switching between real-time power consumption display and compressor speed percentage display: Power consumption is displayed

in real time by default. With the screen unlocked, press and hold the buttons  ...  for 5 seconds to switch the display to show real-time power consumption and compressor speed percentage.

**g. Wi-Fi**

**1) Wi-Fi connection**


When the screen is on, press  for 3 seconds as soon as  is flashing, enter the Wi-Fi connection.

Connect the Wi-Fi on your mobile phone and enter the password, then control the device via Wi-Fi. When the app is successfully connects to Wi-Fi,  will light up.


**2) Reset Wi-Fi (change Wi-Fi password or change network configuration)**

Press  for 10 seconds, then  flashes slowly for 60 seconds and then turns off.


Delete the configuration records and repeat step 1).

3) After connecting, it will  always on.

**h. Defrosting**

1) Automatic defrosting: When the machine is automatically defrosting, it will flash , after completion it will return to previous working mode.

2) Manual blowdown: To enter forced blowdown mode, the compressor must operate for more than 10 minutes in the heating. Press the buttons simultaneously  and  on the touch controller for 5 seconds to start forced

ejection. Button  will flash and the ejection will start; when  stops flashing, the ejection is finished.


( Note: The interval between each manual ejection must be longer than 30 minutes.)

**i. Advanced applications (professional operation)**

1) Checking the operating mode status

Press  for 5 seconds to enter the operating mode status check. During this time, the display will show

status symbol "C0" and its corresponding value. Change the status using  and  then check the corresponding

value. Press  you will finish checking the operating mode status.

Operational status check table:

Symbol	Contents	Unit
C0	Inlet water temperature	°C
C1	Outlet water temperature	°C
C2	Ambient temperature	°C
C3	Inlet gas temperature	°C
C4	Evaporator coil pipe temperature	°C
C5	Return gas temperature	°C
C6	Cooling coil pipe temperature	°C
C9	Cold plate temperature	°C
C10	EEV opening angle	P
C11	DC fan motor speed	rpm

**j. Change the temperature on the display (Celsius/Fahrenheit)**

When the screen is on, press simultaneously  and  for 5 seconds to switch the display between Celsius and degrees Fahrenheit.

**Attention: The display has a power-off memory function.**

## **F. Testing**

### **1. Inspect the heat pump before use**

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- a. Ventilation devices and outlets are functioning adequately and are not blocked.**
- b. It is forbidden to install refrigeration pipes or components in a corrosive environment.**
- c. Check the electrical wiring according to the wiring diagram and grounding.**
- d. Double check that the machine's main power switch is actually turned off.**
- e. Check the temperature setting.**
- f. Check the air inlet and outlet.**

### **2. Warning and leak detection method**

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- a. It is prohibited to perform a leak test in a confined space.**
- b. No sources of ignition must be present during the leak test. Metal halide torch (or any other detector using an open flame) must not be used.**
- c. Leak detection fluids can be used with most refrigerants, but detergents containing chlorine, as chlorine can react with the refrigerant and cause corrosion of the copper pipe.**
- d. Completely vacuum before welding. Welding may only be performed by qualified service center personnel.**
- e. If there is a gas leak, the device must not be used. Contact qualified personnel at the service center for repair.**

### **3. Exam**

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- a. The user must always start the circulation pump first and then the machine. Likewise, he must always turn off the machine first and then pump. Otherwise the machine will be damaged.**
- b. Before starting the heat pump, check for water leaks and then turn on the electrical power.**
- c. To protect the heat pump, the machine is equipped with a time-delayed start function: When the machine starts, the fan  
It will run 1 minute earlier than the compressor and will stop 1 minute later than the compressor when the machine is turned off.**
- d. After starting the heat pump, please check whether the machine makes abnormal noise.**

## G.Maintenance

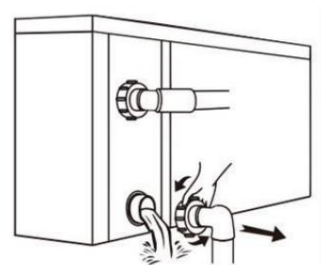
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**DISCONNECT** the heat pump power supply before cleaning, inspecting and repairing.

1. In the winter season, when you are not swimming:

- a. Disconnect power to prevent damage to the machine.
- b. Drain the water from the machine.
- c. Before covering the machine with a winter cover, make sure that all water on the surface of the heat pump has been wiped off and cleaned.
- d. Cover the machine when not in use.



**Notice:**

**Unscrew the water inlet nozzle to allow the water to flow out.**

*When the water in the device freezes in winter, the titanium heat exchanger may be damaged.*

2. Please clean this machine with household non-aggressive cleaning agents or clean water. **NEVER** use gasoline, thinner or other flammable materials.
3. Check screws, cables and connections regularly.
4. If repair is required or you wish to dispose of the device, please contact the nearest authorized service center.
5. Do not attempt to repair the product yourself. Improper handling or operation may be a source of danger.
6. To minimize risk, before maintenance or repair of heat pumps with R290 gas, the following must be carried out:  
**security check.**

## H. Troubleshooting for common problems

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### 1. Repair instructions

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**WARNING:**

and. If repair is required or you wish to dispose of the device, please contact your nearest authorized service center.  
service center.

b. Requirements for service personnel.

c. Any person working on or accessing the internal parts of the refrigeration circuit should hold a current  
a valid certificate from an industry-accredited assessment body that certifies its suitability for safe  
handle refrigerants in accordance with industry-recognized assessment specifications.

d. Do not attempt to repair the product yourself. Improper intervention or operation may be a source of danger.

E. When charging R290 gas and maintaining the equipment, strictly follow the manufacturer's requirements. This chapter focuses on special  
maintenance requirements for a swimming pool heat pump with R290 gas. Detailed maintenance operations can be found in the technical  
service manual.

f. Completely evacuate before welding. Welding may only be performed by qualified service personnel.

## 2. Troubleshooting and codes

Fault	Cause	Solution
After turning on the control unit, the code appears on the display	Trigger code	This is normal. Wait until it will not disappear.
Unresponsive controller	Some models have a screen lock function.	Refer to the manual for instructions on how to unlock the screen.
The heat pump is not running.	Incorrect operation	See manual
	No power	Wait for power to be restored Turn
	The unit is turned off.	on the power
	Blown fuse	Check and replace the fuse
	The circuit breaker is off.	Check and turn on the circuit breaker
The unit suddenly starts or stops running	Voltage anomaly	Inspection by an expert
	The unit may be in defrost mode. At this point, the fan will stop spinning and the heat indicator on the controller will start flashing.	This is not a malfunction, the unit will switch back after defrosting.
	Some models have a timed on/off function.	For information on how to turn this feature off, please refer to the manual.
Air blows out, but the unit does not heat well	Once the set temperature is reached, the heat pump goes into standby mode.	That's normal.
	Blocked evaporator	Removing an obstacle
Display normal, but no heating	Blocked air supply and/or exhaust	Removing an obstacle
	3-minute compressor start delay	Wait.
	Temperature setting too low	Set the right temperature
The unit emits white smoke	3-minute compressor start delay	Wait.
The unit emits white smoke	The unit is defrosting.	This is normal. Wait until the unit finishes defrosting.
Water is leaking from the unit.	In heating mode, condensate forms on the evaporator and is released through the bottom of the unit.	That's normal.
If the above solutions do not work, contact your installer with detailed information and model number. Do not attempt do the repair yourself.		

**Note:** If the following conditions occur, stop the machine immediately and cut off the power supply, then contact your dealer:

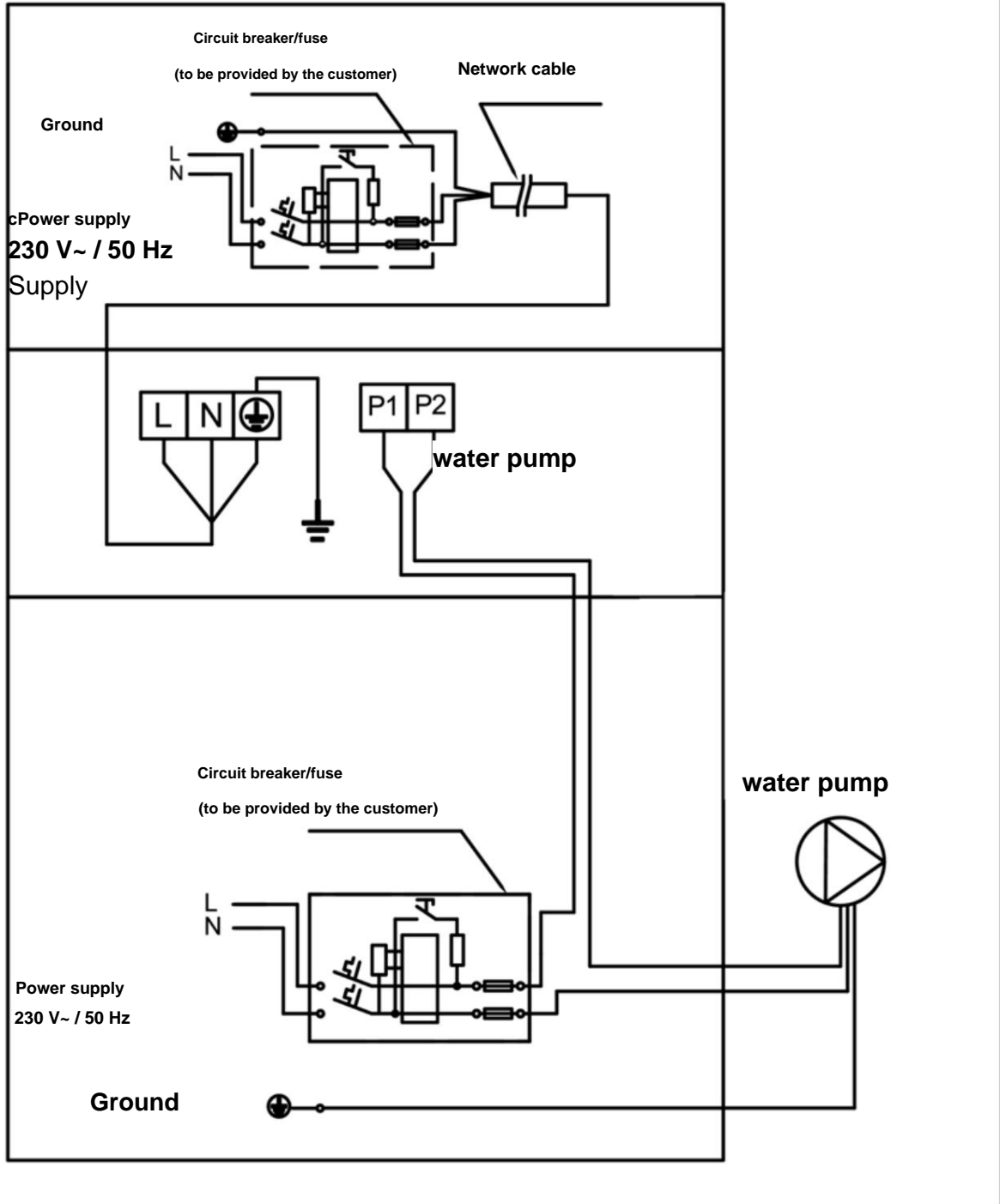
1. Inaccurate switch action.
2. The fuse is often blown or the earth leakage circuit breaker trips.

## Protection and fault codes

C.:	Display	Description of the protection code
1	E3	No flow
2	E5	Power supply exceeds operating range (not a fault)
3	E6	Excessive temperature difference between inlet and outlet water (insufficient water flow)
4	Eb	Ambient temperature protection. It is too high or too low (this is not a malfunction)
5	Ed	Frost prevention reminder (not a malfunction)
C.:	Display	Fault code description
1	E1	High pressure (flow)
2	E2	Low pressure (flow)
3	E4	3-phase sequence protection (only for three-phase power supply)
4	E7	Water outlet temperature protection too high or too low
5	E8	High discharge temperature protection
6	EA	Heat exchanger overheat protection / evaporator overheat protection (only in cooling mode)
7	P0	Controller communication failure
8	P1	Supply water temperature sensor error
9	P2	Outlet water temperature sensor failure
10	P3	Outlet gas temperature sensor failure
11	P4	Cooling coil tube temperature sensor failure
12	P5	Return gas temperature sensor failure
13	P6	Cooling coil tube temperature sensor failure
14	P7	Ambient temperature sensor failure
15	P8	Cooling plate temperature sensor failure
16	P9	Current sensor failure
17	PA	Memory error on restart
18	F1	Compressor drive module failure
19	F2	PFC module failure
20	F3	Compressor start failure
21	F4	Compressor malfunction
22	F5	Inverter board overcurrent protection
23	F6	Inverter board overheat protection
24	F7	Current protection
25	F8	Cooling plate overheating protection
26	F9	Fan motor failure
27	Facebook	Power filter board Protection for no-power condition
28	FA	PFC module overcurrent protection

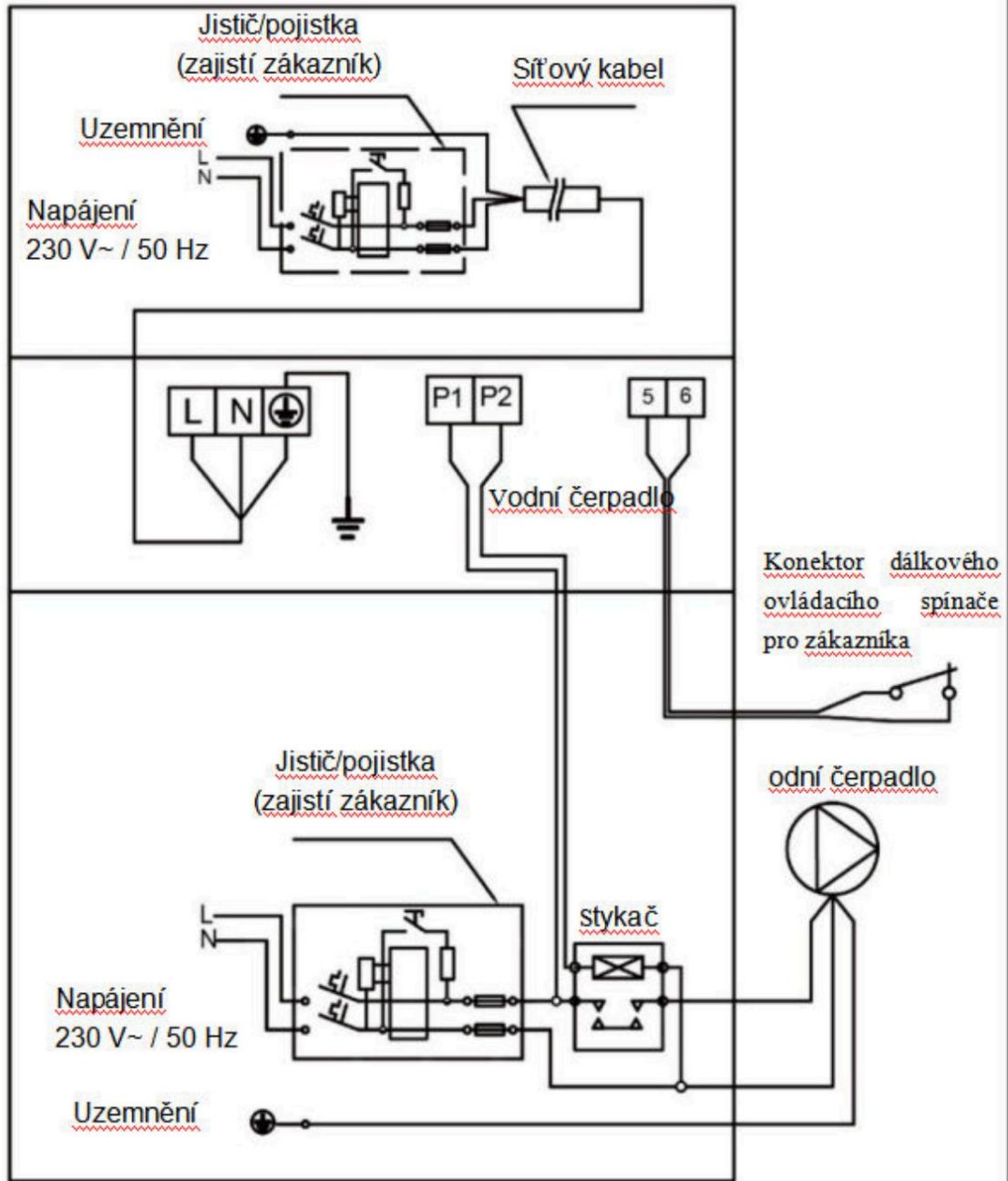
### Connecting the control for the water pump

**Water pump: voltage 230 V, power  $\approx$ 500 W**



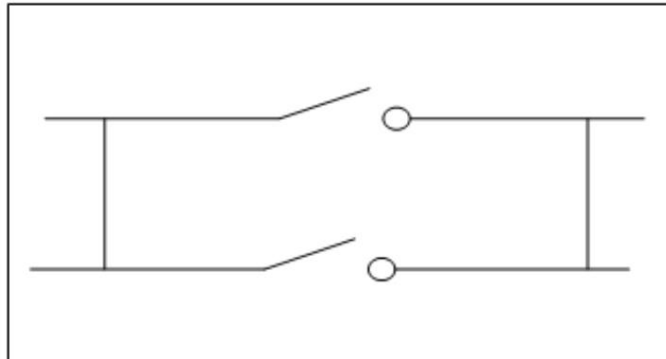
## Vodní čerpadlo: napětí 230 V, výkon > 500 W

Nainstalujte prosím stykač



## Checking the circulation pump and connecting the timer

### 1: Water pump timer



### 2: Water pump wire to heat pump

**Note:** The installer should connect No. 1 in parallel with No. 2 (as shown in the picture above). Either No. 1 or No. 2 must be connected to start the water pump. To stop the water pump, both No. 1 and No. 2 must be disconnected.

## B. Using Wi-Fi

### 1. Download the iGarden APP

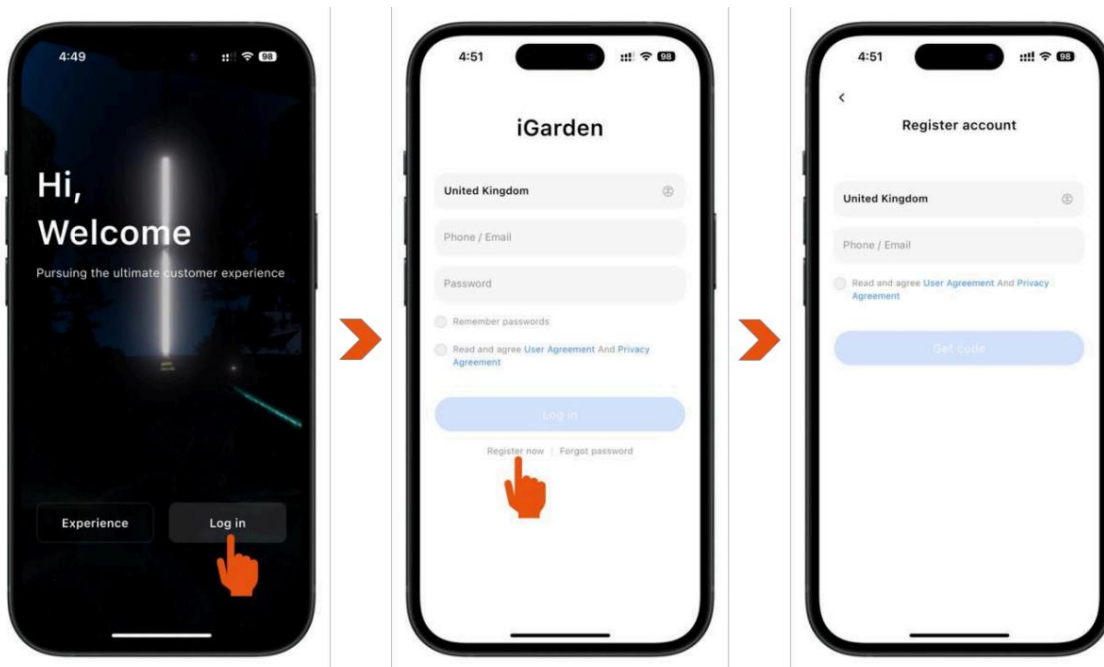


Android



iOS




### 2. Account registration





### 3. App pairing

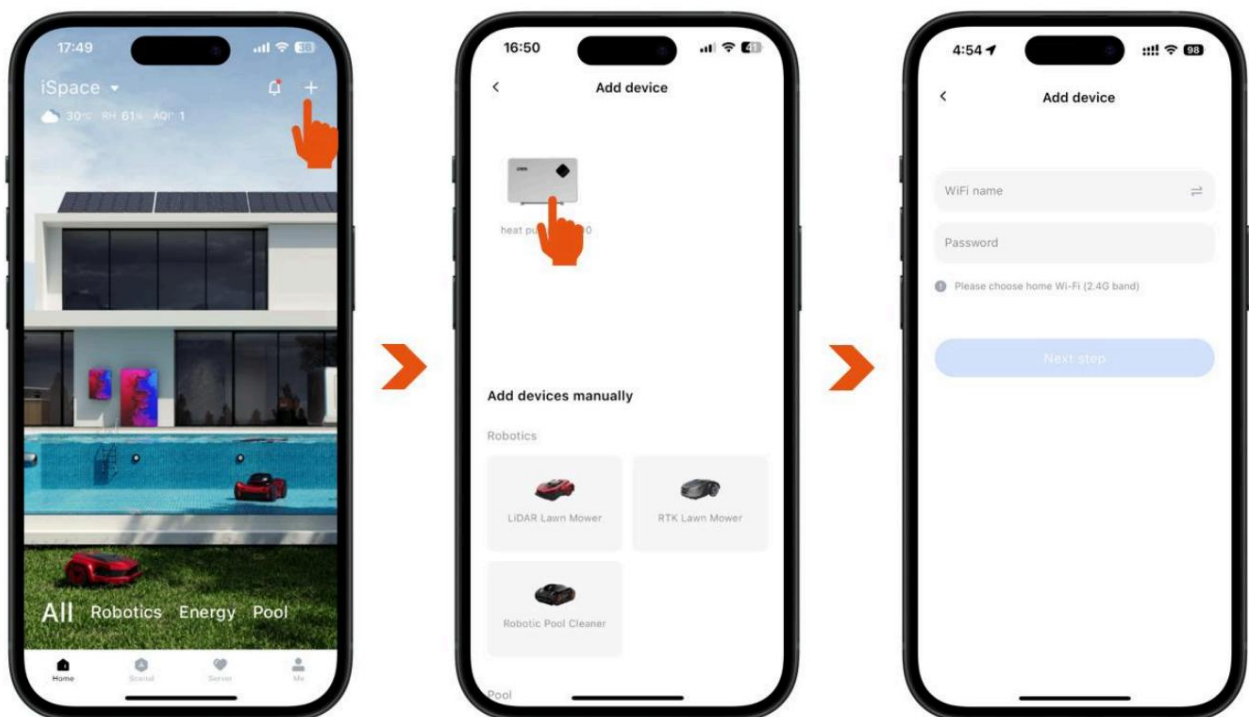
#### a. For Bluetooth

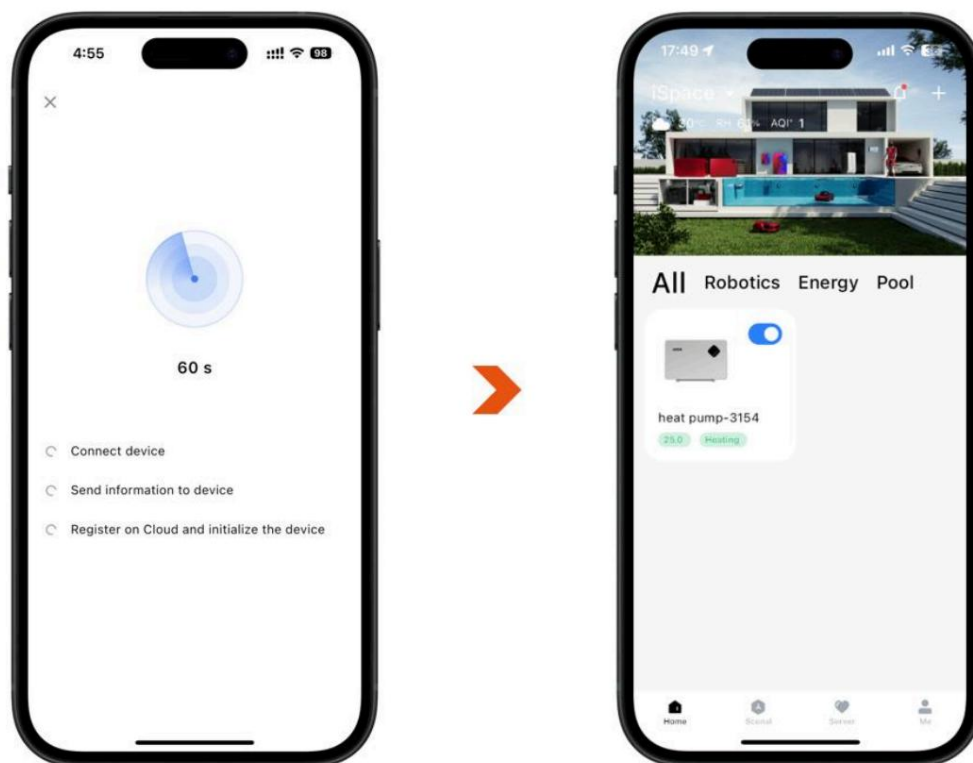
1) Confirm that your phone is connected to Wi-Fi (2.4 GHz) and has Bluetooth turned on.

2) Press "  " for 3 seconds to unlock the screen. Press "  " for 3 seconds and then release. When you hear beep, enter the Wi-Fi password into the app. "  " will flash while connecting. Once the app successfully connects to Wi-Fi, it will display



3) Click the "Add Device" button and follow the instructions to pair the device. During the connection, "  " on the controller will flash continuously. After the app successfully connects to Wi-Fi, it will  continue to display "







**b. For Hotspot with heat pump**

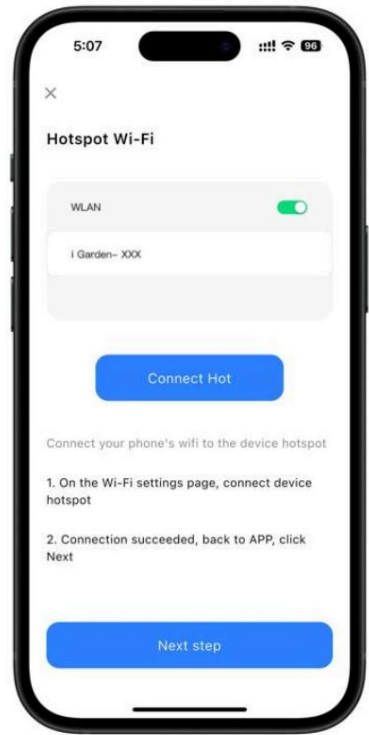
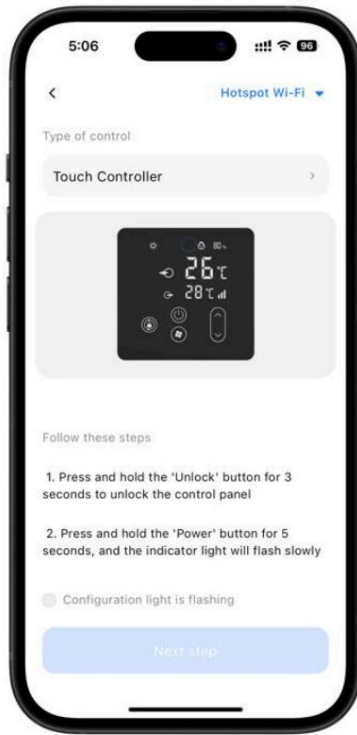
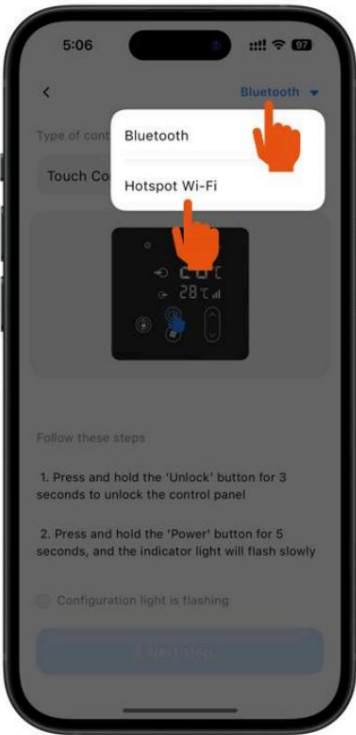
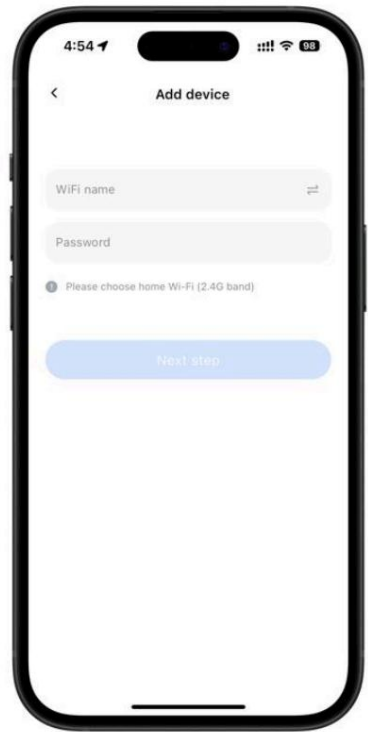
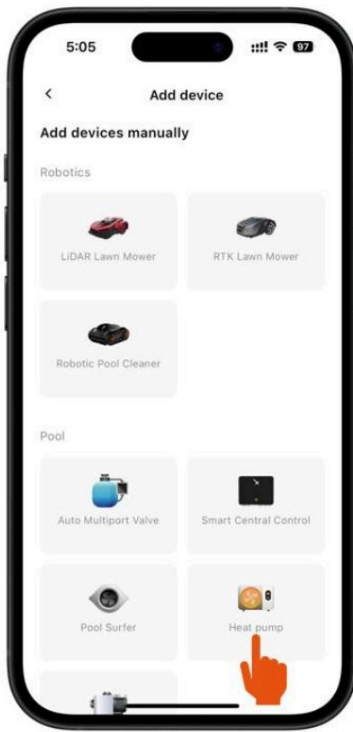
1) Check if your phone is connected to Wi-Fi (2.4 GHz).

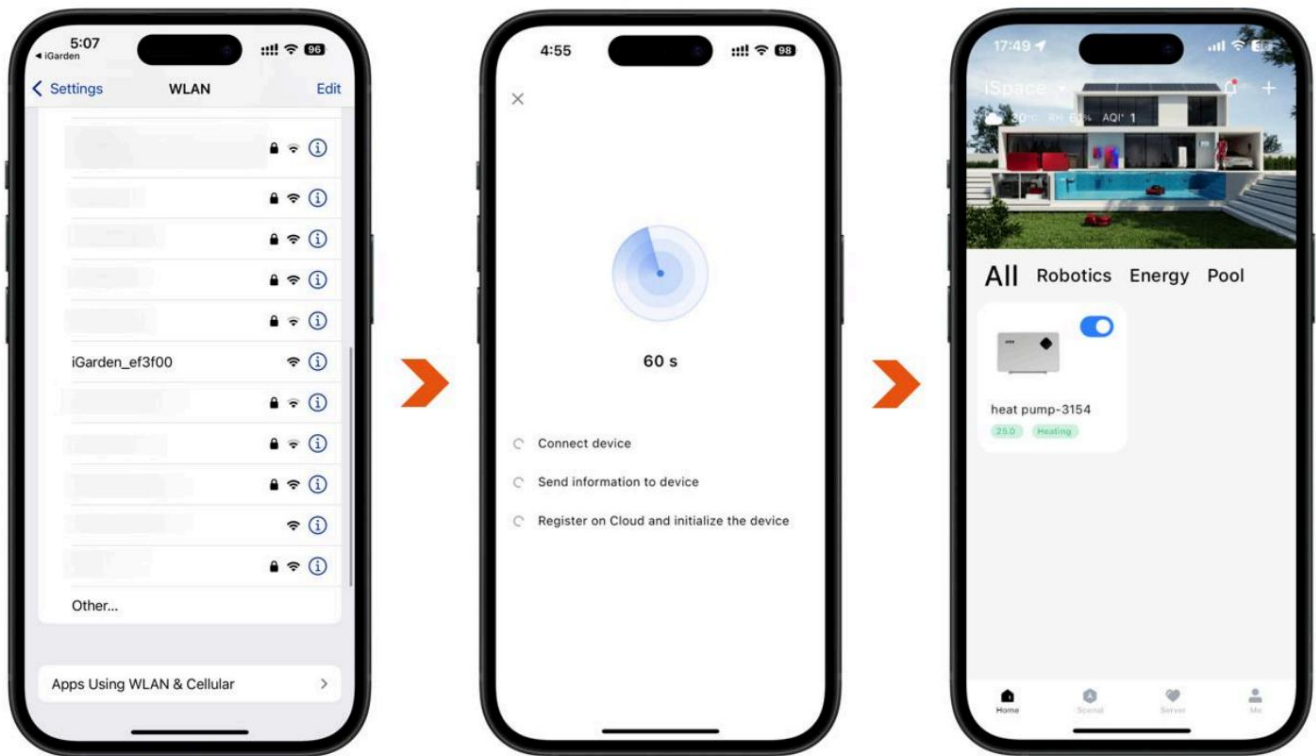
2) Press the " " button on the heat pump controller.  " for 3 seconds to unlock the screen.

Press the "  " 10 seconds. When you hear a "beep" sound, the  " on the remote control slowly is flashing.



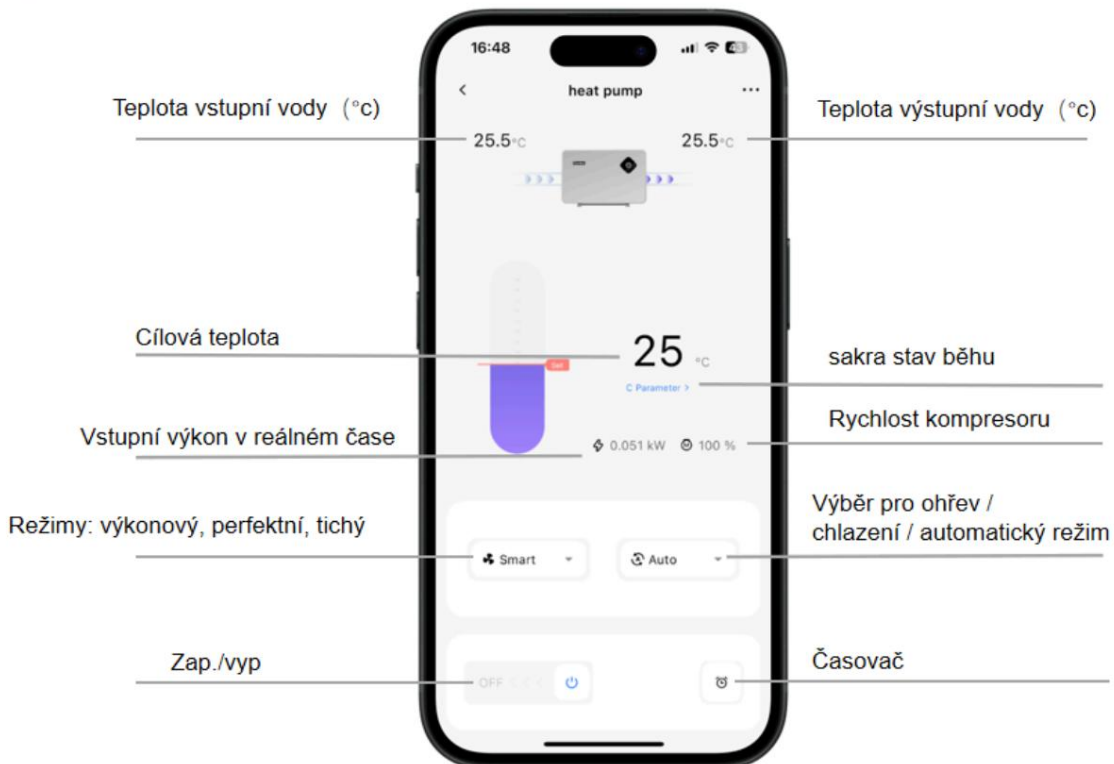
3) Click on "Add Device" and "Heat Pump" under "Add Device Manually", then follow the instructions to pair the device. After the app successfully connects to Wi-Fi, it will continue to display " ".





#### 4. Usage

and. For heat pumps with heating and cooling function:



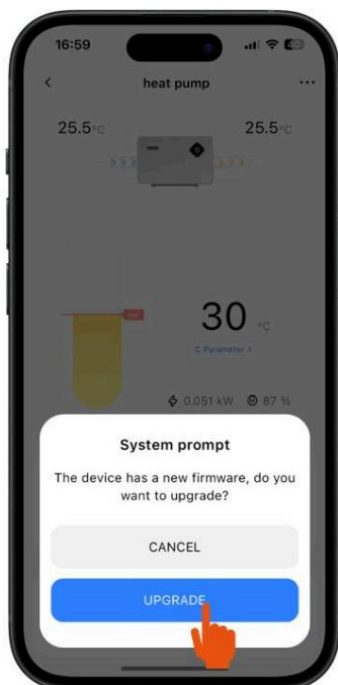
## 5. OTA

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The heat pump firmware can be updated via OTA. The heat pump firmware can be updated in two ways:

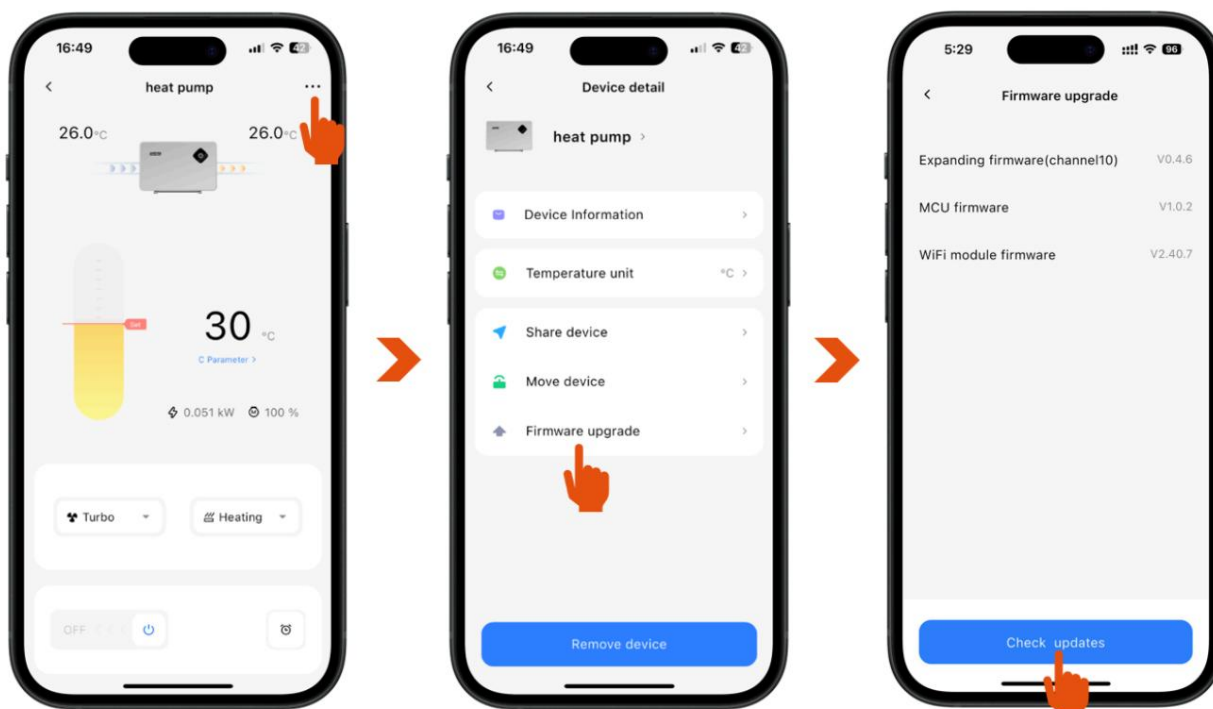
### a. Automatic notification

When you enter the heat pump control panel in the APP, a pop-up window will appear with information about the availability of new software updates.



### b. Manual update

In addition to automatic notification, new updates could also be checked in Device Details – Firmware update.



#### WARRANTY AND EXCLUSIONS

If a defect occurs during the warranty period, the manufacturer will repair or replace such item or part at its own discretion.

Customers must follow the warranty claim procedure to receive the benefit of this warranty.

The warranty is void in the event of incorrect installation, incorrect operation, inappropriate use, unauthorized intervention or the use of non-original spare parts.

The seller will also not accept complaints about mechanically damaged goods, goods that have been used or stored incorrectly, goods that have been significantly worn out, or goods that have been used for purposes other than those intended by the manufacturer or seller.

The seller will also not accept a complaint for goods that have been installed unprofessionally or contrary to the instructions, modified or exposed to non-standard influences, such as increased humidity and dustiness of the surrounding environment. For proper handling of the complaint, it is also necessary that the goods are delivered complete and clean.

#### Device decommissioning

1. Turn off the power.
2. Turn off the power around the pool.
3. Disconnect the power cord.
4. Disconnect the motor cable under the controller.

#### Disposal

When disposing of the product, please separate the waste as waste electrical and electronic equipment or hand it in to your local waste collection system.

The separate collection and recycling of your waste equipment at the time of disposal will help ensure that it is recycled in a manner that protects human health and the environment. Please contact your local authorities for information on where you can drop off your water pump for recycling.

#### MANUFACTURER:

Aquark Technology Limited

Address: Keyuan 2 Road, Ronggui, Shunde, Foshan, PR China 528306

Website: [www.aquark.com](http://www.aquark.com)

#### Importer:

POOLTECHNIKA sro

Nebovidy 220, Nebovidy, 664 48, Czech Republic

[pooltechnika@pooltechnika.cz](mailto:pooltechnika@pooltechnika.cz)

AQ17CX16-R290-V26

The company reserves all rights of final explanation.