

MR. SILENCE 30

INVERPAD TURBO POOL HEAT PUMP



USER MANUAL

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A. Foreword

Thank you for choosing our inverter pool heat pump, which is designed for more silent and energy saving user experience. It is an ideal way for green pool heating.

We hope you'll enjoy using our heat pumps.

Thank you!



Warning, flammable material



Read operator's manual



Operator's manual, operating instructions



Service indicator, read technical manual

B. Safety Precautions

We have provided important safety messages in this manual and on your heat pump. Please always read and obey all safety messages.

Environment friendly R32 Refrigerant is used for this heat pump

1. Warning



The WARNING sign denotes a hazard. It calls attention to a procedure, practice, or the like, which, if not correctly performed or adhered to, could result in personal injury or injury to a third party. These signs are rare, but are extremely important.

a. Ke	ep the heat pump away from fire source.
b. Itr	must be placed in well ventilated area; indoor or closed area is not allowed.
c. Re	pair and disposal must be carried out by trained service personnel
	cuumize completely before welding. Welding can only be carried out by professional rsonnel in service center.

2. Attention

- a. Please read the following instructions before installation, use and maintenance.
- b. Installation must be done by professional staff only in accordance with this manual.
- c. Leakage test must be performed after installation.
- d. Except for the methods recommended by the manufacturer, do not use any methods to accelerate the defrosting process or clean the frosted parts.
- e. If a repair is required, please contact the nearest after-sales service center. The repair process must be strictly in accordance with manual. All repair practice by non-professional is prohibited.
- f. Set proper temperature in order to get comfortable water temperature to avoid overheating or overcooling.
- g. Please don't stack substances, which will block air flow near inlet or outlet area, otherwise the efficiency of the heat pump will be reduced or even stopped.
- h. Don't use or stock combustible gas or liquid such as thinners, paint and fuel to avoid fire.
- i. In order to optimize the heating effect, please install heat preservation insulation on pipes between swimming pool and the heat pump, and please use a recommended cover on the swimming pool.
- j. Connecting pipes of the swimming pool and the heat pump should be ≤10m.
- k. This unit can only be installed outdoors.
- I. This unit can only be connected to a power source with a single complete cord.
- m. This unit contains fluorinated greenhouse gas.
- 3. Safety
- a. Please keep the main power supply switch far away from the children.
- b. When a power cut happens during operating, and later the power is restored, the heat pump will start up.

- c. Please switch off the main power supply in lightning and storm weather to prevent from machine damage that caused by lightning.
- d. Installation and any repairing should be conducted in the area with good ventilation. The ignition source is prohibited during the operation.
- e. Safety inspection must be carried before the maintenance or repair for heat pumps with R32 gas in order to minimize the risk.
- f. If R32 gas leaks during the installation process, all operations must be stopped immediately and call the service center.

C. About your heat pump

1. Transportation

a. Always keep upright



b. Do not lift the water union(Otherwise, the titanium heat exchanger may be damaged)



2. Accessories



3. Features

a. Turbo fan

- b. DC Twin-rotary inverter compressor
- c. DC Brushless fan motor
- d. EEV Technology
- e. Reverse cycle defrosting with 4-way valve
- f. High-efficiency twisted titanium heat exchanger
- g. Sensitive and accurate temp control and water temp display
- h. High pressure and low-pressure protection
- i. Full protection on electrical system

4. Operating range

To provide you comfort and pleasure, please set swimming pool water temperature efficiently and economically.

a. The heat pump can work between air -20°C \sim 43°C,

b. Temperature of heating 18°C \sim 40°C

c. Temperature of cooling 12°C ${\sim}30^\circ\text{C}$

Ideal operation range is between air 15°C ~ 25°C.

5. Introduction of different modes

- a. The heat pump has three modes: Turbo, Perfect and Silence.
- b. They have different strengths under different conditions.

Mode	Modes	Strength
41	Turbo mode	Heating capacity: 100% ~ 20% capacity Fast heating
-1	Perfect mode	Heating capacity: 80% ~ 20% capacity Automatic adjustment according to ambient and water temperature, intelligent optimization. High efficiency and energy saving
	Silence mode	Heating capacity: 50% ~ 20% capacity Operating at night.

6. Technical parameter

Model		MPXC100	MPXC120	MPXC150	MPXC170	MPXC190		
Advised pool volum	e (m³)	20-35	25-45	30~55	35~65	40-75		
PERFORMANCE COM	NDITION: Air 27°C/	Water 27°C/	Humid. 80%	L				
Turbo Mode	Turbo Mode Capacity (kW)		12	15	17.5	19.5		
Desfeet Marks	Heating capacity (kW)	7.8	9.4	11.6	13.6	15.2		
Perfect Mode	СОР	19.5~7.8	19.7~8.1	20~8.1	20.4~8.1	20~7.8		
	Average COP	14.4	14.5	14.8	14.9	14.6		
PERFORMANCE CON	NDITION: Air 15°C/	Water 26°C/	Humid. 70%					
Turbo Mode	Heating capacity (kW)	7	8.1	9.8	12	13		
	Heating capacity (kW)	5.5	6.6	7.8	9.5	10.9		
Perfect Mode	СОР	7.9~5.6	8.1~5.7	8.4~5.6	9.0~5.8	7.9~5.5		
	Average COP	7.1	7.2	7.6	7.7	7		
PERFORMANCE CON	NDITION: Air 35°C/	Water 28°C/	Humid. 80%					
Cooling capacity (kV	V)	4.8	5.5	6.7	9.4	10.8		
Operating air tempe	erature ($^{\circ}$ C)	-20°C~43°C						
Power supply		230V~/1Ph/50Hz						
Rated input power (kW)	0.16~1.35	0.18~1.53	0.23~1.88	0.27~2.22	0.31~2.55		
Input power at 50%	speed (kW)	0.49	0.56	0.64	0.78	0.93		
Rated input current	(A)	0.70~5.87	0.78~6.65	1.00~8.17	1.17~9.65	1.35~11.09		
Sound level at 1m d	B(A)	36.0~41.8	36.0~42.5	36.3~43.9	37.2~45.5	37.5~46.0		
Sound level 50% at 2	1m dB(A)	36.4	36.5	38.4	40.3	40.5		
Sound level at 10 m dB(A)		16.0~21.8	16.0~22.5	16.3~23.9	17.3~25.5	17.5~26.0		
Advised water flux (m³/h)	2~4	2~4	3~4	4~6	5~7		
Water connection (r	nm)			48.3mm				
R32 gas weight (g)		1150	1150	1250	1350	1450		
GWP				675				
CO2 Equivalent(Ton	nes)	0.776	0.776	0.844	0.911	0.979		
·				•	-	•		

Model		MPXC230	MPXC280	MPXC340	MPXC340s	MPXC420s	
Advised	pool volume (m³)	45~80	60~90	66~110	66~110	75~120	
PERFORM	MANCE CONDITION: Air 27	°C/ Water 27°C/	Humid. 80%	1		L	
Turbo Mode	Heating capacity (kW)	23	28	34	33.5	42	
Perfect Mode	Heating capacity (kW)	18	21.6	26	26	32.5	
	СОР	22.0~8.2	20.0~8.0	20~7.8	19.5~8.0	18.9~7.8	
	Average COP	15.3	14.7	14.6	14.4	14.2	
PERFORM	MANCE CONDITION: Air 15	°C/ Water 26°C/	Humid. 70%		•		
Turbo Mode	Heating capacity (kW)	15	19.3	23.5	23	30	
Perfect Mode	Heating capacity (kW)	12	15	18.8	18.8	23.5	
	СОР	9.6~6	8.9~5.7	8.0~5.7	8.0~5.6	7.8~5.5	
	Average COP	8.1	7.6	7.1	7.1	7	
PERFORM	MANCE CONDITION: Air 35	°C/ Water 28°C/	Humid. 80%				
Cooling	capacity (kW)	11.9	13.5	15.4	15.4	20	
Operatin	g air temperature ($^{\circ}\!$	-20℃~43℃					
Power su	ıpply		230V~/1Ph/50Hz	400V 3N~, 50Hz			
Rated in	put power (kW)	0.33~2.73	0.44~3.64	0.53~4.43	0.53~4.42	0.71~5.88	
Input po	wer at 50% speed (kW)	0.93	1.27	1.65	1.62	2.14	
Rated in	put current (A)	1.43~11.87	1.91~15.83	2.30~19.26	0.77~6.41	1.03~8.52	
Sound le	vel at 1m dB(A)	37.6~46.8	37.9~48.2	38.2~48.7	38.3~48.8	38.8~49.3	
Sound le	vel 50% at 1m dB(A)	41	41.2	43	43.2	43.6	
Sound le	vel at 10 m dB(A)	17.6~26.8	17.9~28.2	18.2~28.7	18.3~28.8	18.8~29.3	
Advised	water flux (m ³ /h)	6~9	8~10	10~12	10~12	12~18	
Water co	nnection (mm)			48.3mm			
R32 gas v	weight (g)	1550	2400	3000	3000	3600	
GWP			1	675		1	
CO2 Equi	ivalent(Tonnes)	1.046	1.62	2.025	2.025	2.43	

Remarks:

This heat pump is able to perform normal within air temp -20°C \sim +43°C, efficiency will not be guaranteed out of this range. Please take into consideration that the pool heat pump performance and parameters are different under various conditions.

Related parameters are subject to adjustment periodically for technical improvement without further notice. For details, please refer to nameplate.

7. Dimension



Size(mm) Name Model	A	В	С	D	E	F	G	н
IVIOUEI								
MPXC100	505	616	494	530	936	300	77	655
MPXC120	505	616	494	530	936	300	77	655
MPXC150	505	616	494	530	936	340	77	655
MPXC170	505	715	494	530	1036	370	77	655
MPXC190	505	715	494	530	1036	380	77	655
MPXC230	505	784	494	530	1104	470	77	757
MPXC280	505	808	514	545	1129	550	75	945
MPXC340	520	939	514	545	1310	570	75	945
MPXC340s	520	939	514	545	1310	570	75	945
MPXC420s	520	994	514	545	1405	670	75	1070

 $\$ Above data is subject to modification without notice.

Note: Above swimming pool heat pump specification drawing is for installation reference only to technical staff.

D. Installation guidance

1. Installation reminder

Only a professional staff is allowed to install the heat pump. The users are not qualified to install by themselves, otherwise the heat pump might be damaged and risky for users' safety.

a. Installation distance, drainpipe installation and water pipe connection

The inverter pool heat pump should be installed in a good ventilation place. The distance should be greater than following;

Installation distance







- 1) The frame must be fixed by bolts (M10) to concrete foundation or brackets. The concrete foundation must be solid and fastened; the bracket must be strong enough and antirust treated;
- Please don't stack substances that will block air flow near inlet or outlet area, and there is no barrier within 50cm behind the machine, or it will affect the efficiency of the heat pump and even stop the machine;
- 3) The machine needs an appended pump (Supplied by the user). The recommended pump specification-flux: refer to Technical Parameter, Max lift ≥10m;
- 4) When the machine is running, there will be condensation water discharged from the bottom, please pay attention to it. Please hold the drainage nozzle (accessory) into the hole and clip it well, and then connect a pipe to drain the condensation water out.

b. Water pipe connection

The inlet and outlet water unions can't stand the weight of soft pipes. The heat pump must be connected by hard pipes!



DO NOT install water pipes in a way that they pass behind the heat pump's evaporator. In case this cannot be avoided, cover the pipes with thermal insulation foam.



2. Warning

- a. Connect to appropriate power supply, the voltage should comply with the rated voltage of the products.
- b. Earth the machine well.
- c. Wiring must be handled by a professional technician according to the circuit diagram.
- d. Set leakage protector according to the local code for wiring (leakage operating current ≤ 30mA).
- e. The layout of power cable and signal cable should be orderly and not affecting each other; the cross-sectional area of the cables can be appropriately enlarged according to the environmental conditions (such as ambient temperature, direct sunlight, rainfall, network voltage, cable length)

3. Electric wiring diagram

a. For power supply: 230V 50Hz



b. For power supply: 400V 50Hz



Note:

- 1) 4 Must be hard wired, plug is not allowed.
- 2) The swimming pool heat pump must be earthed well.

4. References for protecting devices and cable specification

	MODEL		MPXC 120	MPXC 150	MPXC 170	MPXC 190	MPXC 230	MPXC 280	MPXC 340	MPXC 340s	MPXC 420s
	Rated Current (A)	11	12	15	19	20	22.5	24.5	30	11.3	15
Breaker	Rated Residual Action Current (mA)	30	30	30	30	30	30	30	30	30	30
	Fuse (A)		12	15	19	20	22.5	24.5	30	11.3	15
Powe	Power Cord (mm ²)		3×2.5	3×2.5	3×2.5	3×2.5	3×4	3×4	3×4	5×2.5	5×2.5
Signa	Signal cable (mm ²)		3×0.5	3×0.5	3×0.5	3×0.5	3×0.5	3×0.5	3×0.5	3×0.5	3×0.5
Maxim	Maximum Current (A)		10	12.5	16	16.5	18.5	20.5	24	9.4	12.5

※ Above data is subject to modification without notice.

Note: Above data is adapted to power cord < 10m. If power cord is 10m ~ 40m, the wire diameter must be increased. The signal cable can be extended to 50m maximum.

E. Operation guidance

1. Key Function



Symbol	Heating & cooling modes
	 Power On/Off Wi-Fi setting
	 Lock/Unlock Screen Heating mode (18-40°C) Cooling mode (12-30°C) Auto mode (12-40°C)
Ø	 Turbo Perfect Silence
000000	Temperature Setting

Attention:

- i. The controller has power-down memory function.
- ii. The buttons will turn dark when it's locked.

2. Screen Display

a. Plugged without turning on



b. Power on

Heating& cooling



*	Heating mode			
₩	Cooling mode			
0	Auto mode			
₱ 8.8.8 % kW	Input power/ Running speed percentage			
((Wi-Fi connection			
Ð	Inlet			
G Outlet				

3. Operation Instruction

a. Screen Lock

- 1) There is automatic screen lock function. No operation for more than 30 seconds, screen will automatically lock, and screen will dim while the lock button will light on, and other button light will be off.
- Press " " for 3 seconds to unlock the screen; screen and buttons will light on.

Press " for 3 seconds to lock the screen; screen will be dark; lock button lights on and other buttons will light off.



4) Only " V " works under off-screen; other buttons work after screen on.



″ lights on. If with Wi-Fi, " 🛜 " and "

light on.

b. Power On

5)



c. Temperature Setting

Press " " and " " to display and set temperature under screen on.

d. Mode Selection

1) Heating/Cooling/Auto



e. Turbo/Perfect/ Silence mode

Heating mode: Press "" to switch among Turbo mode **11**, Perfect mode **1** and Silence mode **1**. Cooling and Auto mode: only support Turbo mode **1**.

f. Operating frequency

Switching between real-time input power and compressor speed percentage display: Real-time input power

is displayed by default. With the controller unlocked, press and hold the " U and " " and " keys for 5

seconds to switch the display of real-time input power and compressor speed percentage.



- g. Wi-Fi
 - 1) Wi-Fi connection

/ "for 3 seconds, after " 🐨 " flashing, enter Wi-Fi connection. When the screen is on, press " Connect Wi-Fi on mobile phone and input password, and then control equipment by Wi-Fi. When APP connects Wi-Fi successfully, "?" lights on.

2) WIFI reset (WIFI password change or the network configuration change)

/ " for 10 seconds, after " 🛜 " slowly flashing for 60s, and lights off. Press "

Clear configuration records and repeat step 1).

3) "? " will always on after connection.

Defrosting h.

- 1) Automatic defrosting: When machine is auto defrosting, 🔆 will flash, and return to previous working mode when it finishes.
- 2) Manual Defrosting: To enter forced defrosting mode, the compressor must be working more than 10

" and " on touch controller simultaneously for 5 minutes. In heating mode, press seconds to start forced defrosting.

(Remarks: the interval between each manual defrosting should be more than 35 minutes.)

Operation and exit condition of Automatic and Manual defrosting is same.

Advanced applications (Professional operation) i.

1) Running Status Checking



" for 5 seconds to enter running status checking. During this time, the display will show the

status symbol "CO" and its corresponding value. Change status through "





corresponding value. Press "

" to quit "Running Status Checking".

Running status checking table:

Symbol	Content	Unit
C0	Inlet water temp	°C
C1	Outlet water temp	°C
C2	Ambient temp	°C
C3	Exhaust gas temp	°C
C4	Evaporator coil pipe temp	°C
C5	Return gas temp	°C
C6	Cooling coil pipe temp	°C
C9	Cooling plate temp	°C
C10	EEV opening angle	Р
C11	DC motor fan speed	r/min

j. Temperature display conversion (Celsius/Fahrenheit)

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

Attention: The controller has power-down memory function.

F. Testing

- 1. Inspect heat pump before use
- a. The ventilating device and outlets are operating adequately and are not obstructed.
- b. It's prohibited to install refrigeration pipe or components in corrosive environment.
- c. Inspect the electric wiring on basis of the electric wiring diagram and earthing connection.
- d. Double confirm the main machine power switch should be off.
- e. Check temperature setting.
- f. Inspect the air inlet and outlet.

2. Leakage detection notice and method



a. Leakage checking is prohibited in closed area.

b. The ignition source is prohibited during the leakage inspection. A halide torch (or any other detector using a naked flame) shall not be used.

- c. Leakage detection fluids can be applied with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine may react with the refrigerant and corrode the copper pipe.
- d. Vacuumize completely before welding. Welding can only be carried out by professional personnel in service center.
- e. Please stop using while gas leakage occurs, and contact professional personnel in service center.

3. Trial

- a. The user must "Start the Pump before the Machine, and Turn off the Machine before the Pump", or the machine will be damaged.
- b. Before start the heat pump, please check for any leakage of water and set the appropriate temperature, then switch on the power.
- c. In order to protect the swimming pool heat pump, the machine is equipped with a time lag starting function,
 the fan will run 1 minute earlier than the compressor when starting the machine, and it will stop running 1
 minute later than the compressor when power off the machine.
- d. After the swimming pool heat pump start up, please kindly checking for any abnormal noise from the machine.

G. Maintenance



"CUT OFF" power supply of the heat pump before cleaning, examination and repairing

- 1. In winter season when you don't swim:
 - a. Cut off power supply to prevent any machine damage.
 - Drain water clear of the machine, when using the machine at ambient temperatures below 2°C, please keeping the water flowing.
 - c. Before covering the machine with winter cover, please make sure all water on the surface of the heat pump has been wiped and clean.
 - d. Cover the machine body when not in use.





!!Important: Unscrew the water nozzle of inlet pipe to let the water flow out. When the water in machine freezes in winter season, the titanium heat exchanger may be damaged.

- 2. Please clean this machine with household detergents or clean water, NEVER use gasoline, thinners, or any similar fuel.
- 3. Check bolts, cables, and connections regularly.
- 4. If repair or scrap is required, please contact authorized service center nearby.
- 5. Do not attempt to work on the equipment by yourself. Improper operation may cause danger.
- In case of risking, safety inspection must be carried before the maintenance or repairing for heat pumps with R32 gas.

H. Trouble shooting for common faults

WARNING:

1. Repairing Guidance



a. If repair or scrap is required, please contact authorized service center nearby.

b. Requirements for Service Personnel

- c. Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry recognized assessment specification.
- d. Do not attempt to work on the equipment by yourself. Improper operation may cause danger.
- e. Strictly comply with the manufacturer's requirements when charging R32 gas and equipment maintenance. This chapter focuses on special maintenance requirements for swimming pool heat pump with R32 gas. Please refer to the technical service manual for detailed maintenance operation.
- f. Vacuumize completely before welding. Welding can only be carried out by professional personnel in service

center.

2. Failure solution and code

Failure	Reason	Solution	
When powered on, the	Startup code	This is normal. Please wait	
controller displays a code	Startup code	until it disappears.	
Unresponsive controller	Some models have screen lock function.	Refer to the manual to	
Unresponsive controller	Some models have screen lock function.	unlock the screen	
	Improper operation	Refer to the manual	
	No power	Wait until the power	
	No power	recovers	
llest summer de seuft sum	Unit is powered off	Switch on the power	
Heat pump doesn't run	Burned fuse	Check and change the fuse	
	The breaker is off	Check and turn on the	
		breaker	
	Voltage anomaly	Inspection by professional	
	The unit may be in defrost. At this point the fan	Not failure, the unit will	
	stops spinning and the heat indicator on the	Not failure, the unit will	
	controller will flash	switch back after defrosting	
Unit suddenly starts or stops	Some models have a timed power on/off	Refer to the manual to	
running	function.	disable this function	
	Once the set temperature is reached, the heat	This is normal	
	pump will go into standby	This is normal	
Air is blowing out but whit is	Evaporator blocked	Clear the blockage	
Air is blowing out, but unit is not heating well	Air inlet and/or outlet blocked	Clear the blockage	
not neating wen	3 minutes start delay protection for compressor	Wait patiently	
Display normal, but no heating	Set temperature too low	Set to proper temperature	
Display normal, but no heating	3 minutes start delay protection for compressor	Wait patiently	
	The unit is defrecting	This is normal. Please wait	
Unit is releasing white smoke	The unit is defrosting	until unit finished defrosting	
	In heating mode, condensation will be generated		
Unit is leaking water	on the evaporator and released through the	This is normal	
	bottom of the unit		
If above solutions don't work, ple	ase contact your installer with detailed information a	and your model number. Don	
try to repair it yourself.			

Note: If the following conditions happen, please stop the machine immediately, and cut off the power supply immediately. Then contact your dealer:

- 1. Unit has stopped running because of external factors
- 2. The fuse is frequently broken or leakage circuit breaker jumped.

Protection & Failure code

NO.	Display	Protection code description
1	E3	No water protection
2	E5	Power supply excesses operation range (not failure)
3	E6	Excessive temp difference between inlet and outlet water(Insufficient water flow protection)
4	Eb	Ambient temperature too high or too low protection (not failure)
5	Ed	Anti-freezing reminder (not failure)
NO.	Display	Failure code description
1	E1	High pressure protection
2	E2	Low pressure protection
3	E4	3 phase sequence protection (three phase only)
4	E7	Water outlet temp too high or too low protection
5	E8	High exhaust temp protection
6	EA	Heat exchanger overheat protection/Evaporator overheat protection (only at cooling mode)
7	PO	Controller communication failure
8	P1	Water inlet temp sensor failure
9	P2	Water outlet temp sensor failure
10	P3	Gas exhaust temp sensor failure
11	P4	Evaporator coil pipe temp sensor failure
12	P5	Gas return temp sensor failure
13	P6	Cooling coil pipe temp sensor failure
14	P7	Ambient temp sensor failure
15	P8	Cooling plate temp. sensor failure
16	Р9	Current sensor failure
17	PA	Restart memory failure
18	F1	Compressor driver module failure
19	F2	PFC module failure
20	F3	Compressor start failure
21	F4	Compressor running failure
22	F5	Inverter board over current protection
23	F6	Inverter board overheat protection
24	F7	Current protection
25	F8	Cooling plate overheat protection
26	F9	Fan motor failure
27	Fb	Power filter plate No-power protection
28	FA	PFC module over current protection

I. Water pump control connection





Water pump control and timer connection



Note: The installer should connect 1 parallel with 2 (as above picture). To start the water pump, condition 1 or 2 is connected. To stop the water pump, both 1 and 2 should be disconnected.

J. Wi-Fi operation

1. Download InverGo APP



2. Account Registration

	Part in a	 Enter Verification Code 		
	Register	Enter vernication Code		
InverGo	France			
	Email Address	A verification code has been sent to your email Resend (58s)	A verification code has been sent to your email Resend (58s)	
EL SAN		Didn't get a code?		
	I agree to the <u>Privacy Policy</u> and <u>User</u> <u>Agreement</u>			
	Get Verification Code			
		1 <u>2</u>	3	
		4 5 6	5	
Log in		GHI JKL M		
Log In Sign Up		7 8 9	9 Ivz	

3. APP Paring

a. With Bluetooth

- 1) Please confirm that your phone is connected to Wi-Fi (2.4 GHz) and your Bluetooth is on.
- 2) On the controller of the heat pump, Press "(a) for 3 seconds to unlock the screen. Press "(b)" for 3 seconds and release. After hearing "Beep", "?" on controller will flash.



3) Click "Add Device", and then follow the instructions to pair device. During connection, "?" on controller

will keep flashing. Once the app connects to Wi-Fi successfully, " <a>?" will keep displaying.



b. With Wi-Fi (AP Mode)

- 1) Please confirm that your phone is connected to Wi-Fi (2.4 GHz).
- 2) On the controller of the heat pump, Press "⁽⁾ for 3 seconds to unlock the screen. Press "⁽⁾" for 10 seconds. After hearing "Beep", " ⁽⁾" on controller will flash slowly.



3) Click "Add Device" in app, and click "Pool Heat Pump" under "Add Manually", then follow the instructions to pair device. Once the app connects to Wi-Fi successfully, "?" will keep displaying.





4. Operation

a. For heat pump with Heating function only



b. For heat pump with Heating & Cooling function

Compressor speed	5:41 ↓ Inverter Pool Heat Pump ↓ 1.88KW Turbo	Indicate Turbo/Perfect/Silence mode
Real-time input power		°C / °F switch
Target temperature	°24°C	Inlet water temperature
		Check running status
		Select Heating/Cooling/Auto
Select Turbo/Perfect/Silence mode	- < (1)	Timer
	(1)	On/ Off

5. Share Devices

After pairing, if your family members also want to control the device, please let your family members register "InverGo" first, and then the administrator can operate as below:



After-service Form (Heating/Cooling/Defrosting Problem)

If you have heating/cooling/defrosting issues, please fill this form for technical support.

PRODUCT INFORMATION								
Serial Number								
PERFORMANCE INFORMATION								
Pool size (m ³)	Setting point (°C)	Water flo (m ³ /h)	w Poo	ol cover □ Yes □ No				
Installation distance: Front Cm >2m Back Cm >2m Back Cm >2m Left Cold air outlet Yes Min.1000mm Min.500mm Cold air outlet Yes No								
C PARAMETERS:								
C0:	C1:	C2:	C3:	C4:				
C5:	C6:	C9:	C10:	C11:				
We'll be appreciated if you could provide more details for our analysis								

For C parameters checking, please refer to section E.2.g.

AQ118CX20-R32-V25 The company reserves all rights for final explanation.