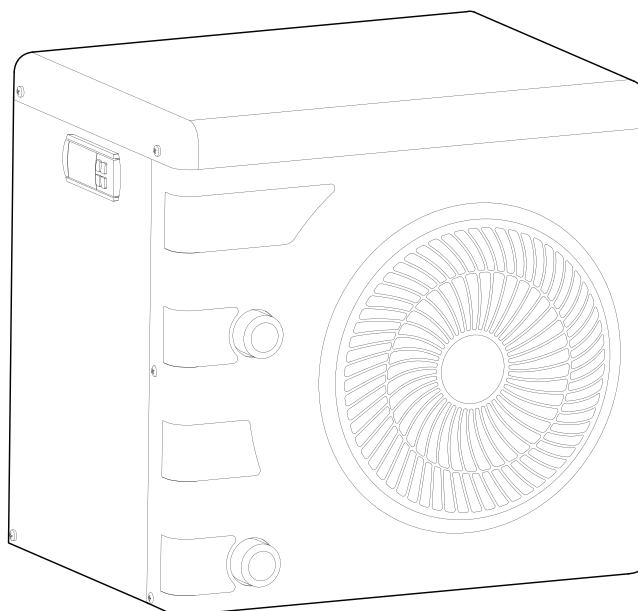




POOL MINI HEAT PUMP 14800BTU

ITEM # 75219



OWNER'S MANUAL AND SAFETY INSTRUCTIONS

SAVE THIS MANUAL. KEEP THIS MANUAL FOR SAFETY WARNINGS, PRECAUTIONS, ASSEMBLY, OPERATION, INSPECTION, MAINTENANCE AND CLEANING PROCEDURES. WRITE THE PRODUCT'S SERIAL NUMBER ON THE BACK OF THE MANUAL, OR THE MONTH AND YEAR OF PURCHASE IF PRODUCT HAS NO SERIAL NUMBER

FOR QUESTIONS, PLEASE CALL CUSTOMER SERVICE: 909.628.0880

SAFETY WARNINGS

WARNING

Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in injury and/or property damage. Save all warnings and instructions for future reference.

The warning and safety instructions in this manual are not meant to cover all possible conditions and situations that may occur. Common sense, caution and care must be exercised when operating or cleaning tools and equipment. Always contact your dealer, distributor, service agent or manufacturer about problems or conditions you do not understand before operating the product.

Thank you for using this mini pool heating pump for your pool. It will heat your pool water and keep the constant temperature when the air ambient temperature is at 59°F to 104°F and the pool water temperature is at 59°F to 104°F.

This appliance is intended to be used by expert or trained users in shops, in light industry and on farms, or for commercial use by lay persons

WARNING

Electrical protection

The power supply for the heat pump must come, preferably, from an exclusive circuit with regulatory protection components (30mA differential protection) and a magneto-thermal switch.

-The electrical installation must be carried out by a specialized professional (electrician) in accordance with the standards and regulations in force in the country of installation.

-The heat pump circuit must be connected to a safety earth circuit at the terminal block.

-The cables must be properly installed to prevent interference. If damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

-The pump is intended for connection to a general power supply with earth connection.

-Section of the cable; This section is indicative and should be checked and adapted according to the needs and conditions of use.

-The tolerance of acceptable voltage variation is +/- 10% during operation.

The connections must be dimensioned according to the power of the device and the state of installation.

Model	Circuit breaker	Maximum length of the wire			
		12AWG	10AWG	8AWG	6AWG
75219	≤ 12A	276 FT	443 FT	656 FT	656 FT



These values are given as a guideline, only the intervention of an authorized technician can determine the values corresponding to your installation. The electric line must be equipped with a ground connection and with a circuit breaker with difference 30mA in head.

SAFETY WARNINGS

- This manual includes all necessary information for the use and installation of the heat pump.
- Read this manual thoroughly and make sure you understand and familiarize yourself with the installation and operation of the heat pump.
- The installer of the heat pump is responsible for the installation of the product and should follow the manufacturer's instructions and the regulations. The manufacturer declines any responsibility due to incorrect installation.

WARNING

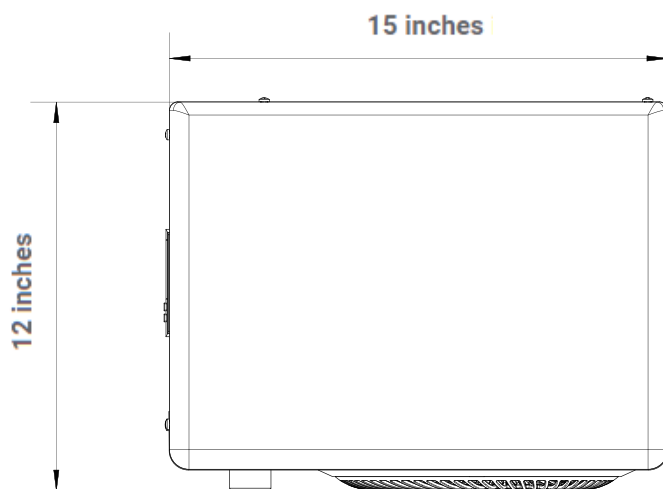
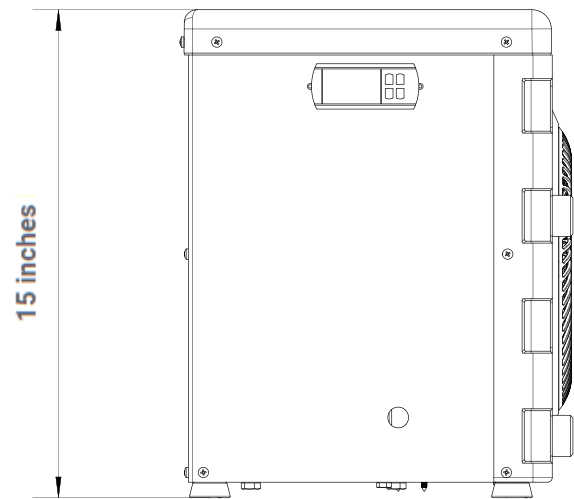
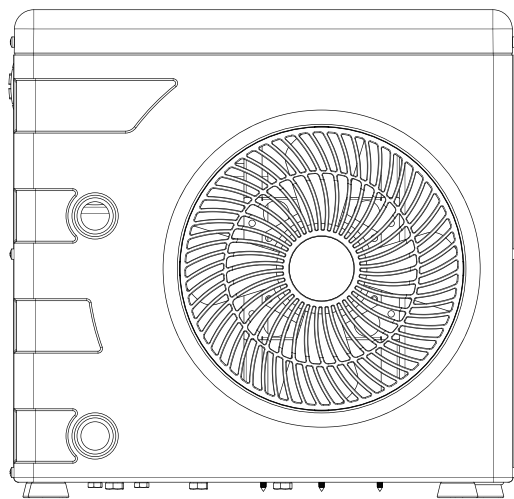
- To avoid damage to the titanium exchanger, always empty the water in the heat pump during cold weather months when the ambient temperature drops below 46.4°F.
- Do not reach inside the pump before turning the power off. Always turn the power off to the pump before performing any adjustments or maintenance.
- Keep the display controller in a clean, dry area. Be sure to close the insulation cover when not in use.

PUMP INFORMATION

With your Heat Pump

- Water PVC connector diameter 1.2" - 1.5" (2pcs)
- User and service manual
- 4.92 FT electric extension and socket with 30mA earth leakage protection
- Anti-vibration base (pcs: 4 installed)

Dimension



2. Transport information

Delivery of the packaging



For the transportation, the heat pump is covered with a carton box. To preserve from any damage, the heat pump must be transfer on is pallet.

All material, Even if the transport is chargeable to supplier, can be damaged during its routing at the customer and it is the responsibility of the addressee to make sure of the correspondence of the delivery. The addressee has to written all the reserves at the reception on the delivery note of the carrier if he notices damages of the packaging.

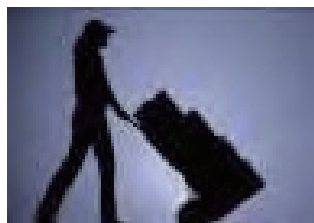
DO NOT FORGET TO CONFIRM BY REGISTERED LETTER TO THE CARRIER UNDER 48 H.

Stock advice



Heat pump must be stored and transfer in vertical position in its original packaging. If it is not the case, she cannot be operated at once, a minimum period of 24H is necessary before to switch on the electrical power.

FORBIDDEN



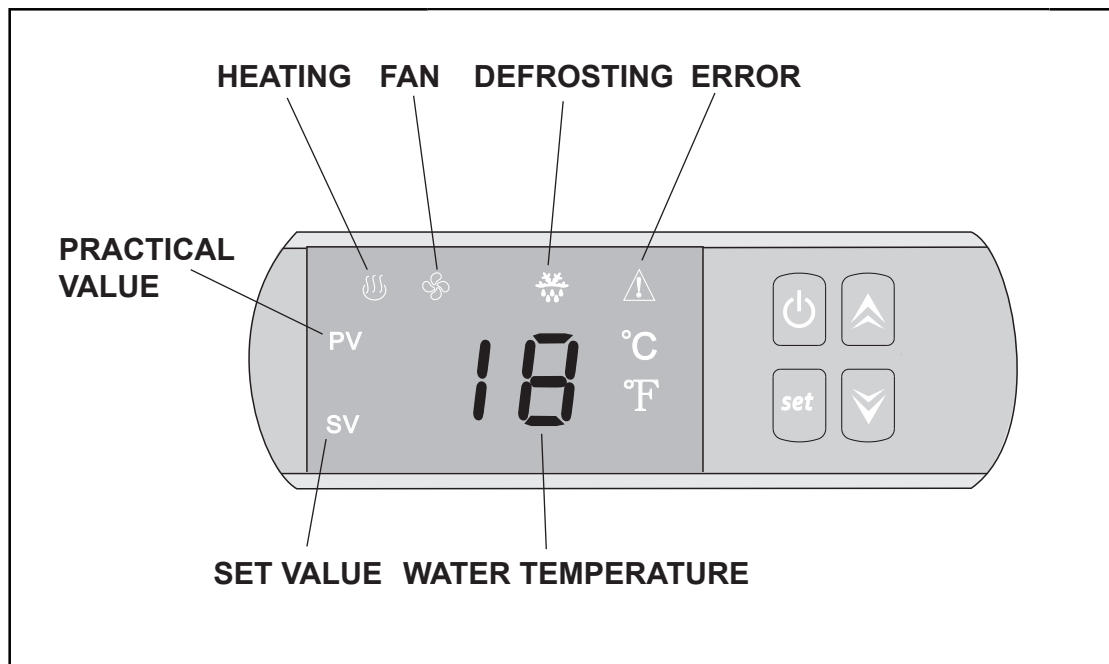
Transfer to the final position

During the unpacking of the product and the transfer from is palette of origin to final place, it is necessary to maintain the heat pump vertical position.

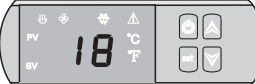
Water connection are not there to assure the function of handle, on the contrary support the weight of the heat pump on the water connection must be damage definitively the product. The manufacturer could not be take the responsible in case of damage.

OPERATION

3. Start-up of the Heat Pump



1. ON/OFF : Press  for 2 seconds , start or stop the heat pump

2.  Long press  for 6 seconds , then press  or  to exchange °C or °F

ATTENTION: THESE SETTING SHOULD SWEEP ALL THE PREVIOUS SETTING

3. Water Temperature Setting: Press  once , "SV" lighting! press  to up or press  to down.

4. Press  to check the CT when the heat pump is running .

5. That the icon is flashing means preparing to work , and that the icon is lighting means working .

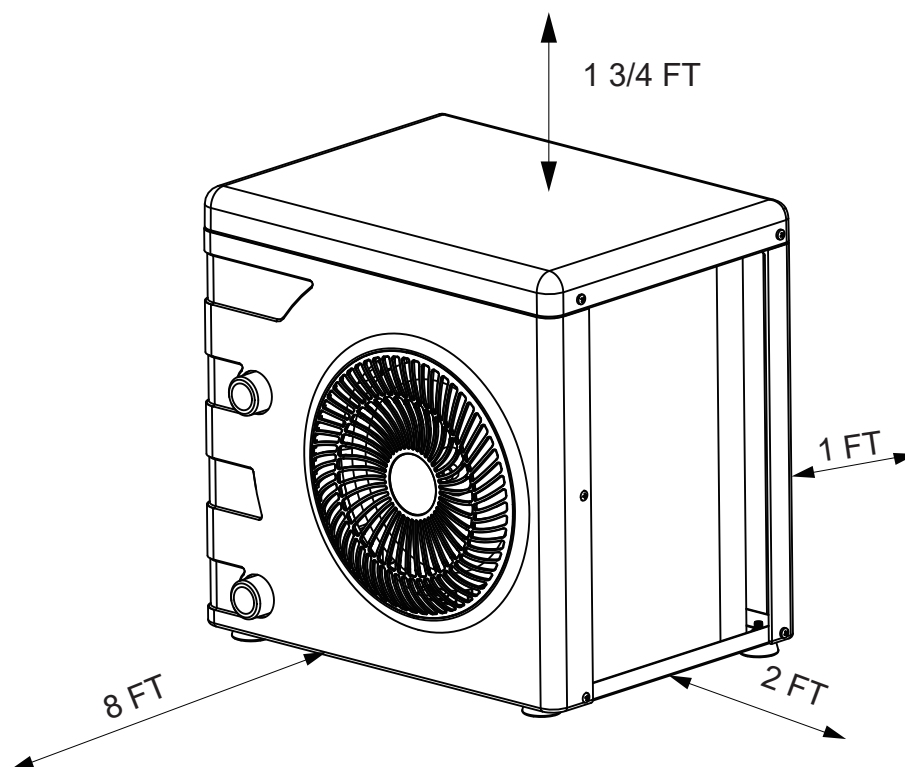
6. E1, E2 or E3 means the sensor is not working please call the service .

4. Location and connection

ATTENTION:

Please observe the following rules when installing the heat pump.

1. Any addition of chemicals must take place in the piping located downstream from the heat pump.
2. Always place the heat pump on a solid foundation and use the included rubber mounts to avoid vibration and noise.
3. Always hold the heat pump upright. If the unit has been held at an angle, wait at least 24 hours before starting the heat pump.
4. DO NOT place the unit next to shrubs which can block the air inlet . These locations deny the unit a continuous source of fresh air which reduces its efficiency and may prevent adequate heat delivery .



Heat pump location

The unit will work properly in any desired location as long as the following three items are present:

1. Fresh air
2. Electricity
3. Swimming pool filters

The unit may be installed in virtually any outdoor location as long as the specified minimum distances to other objects are maintained (see drawing upon). Please consult your installer for installation with an

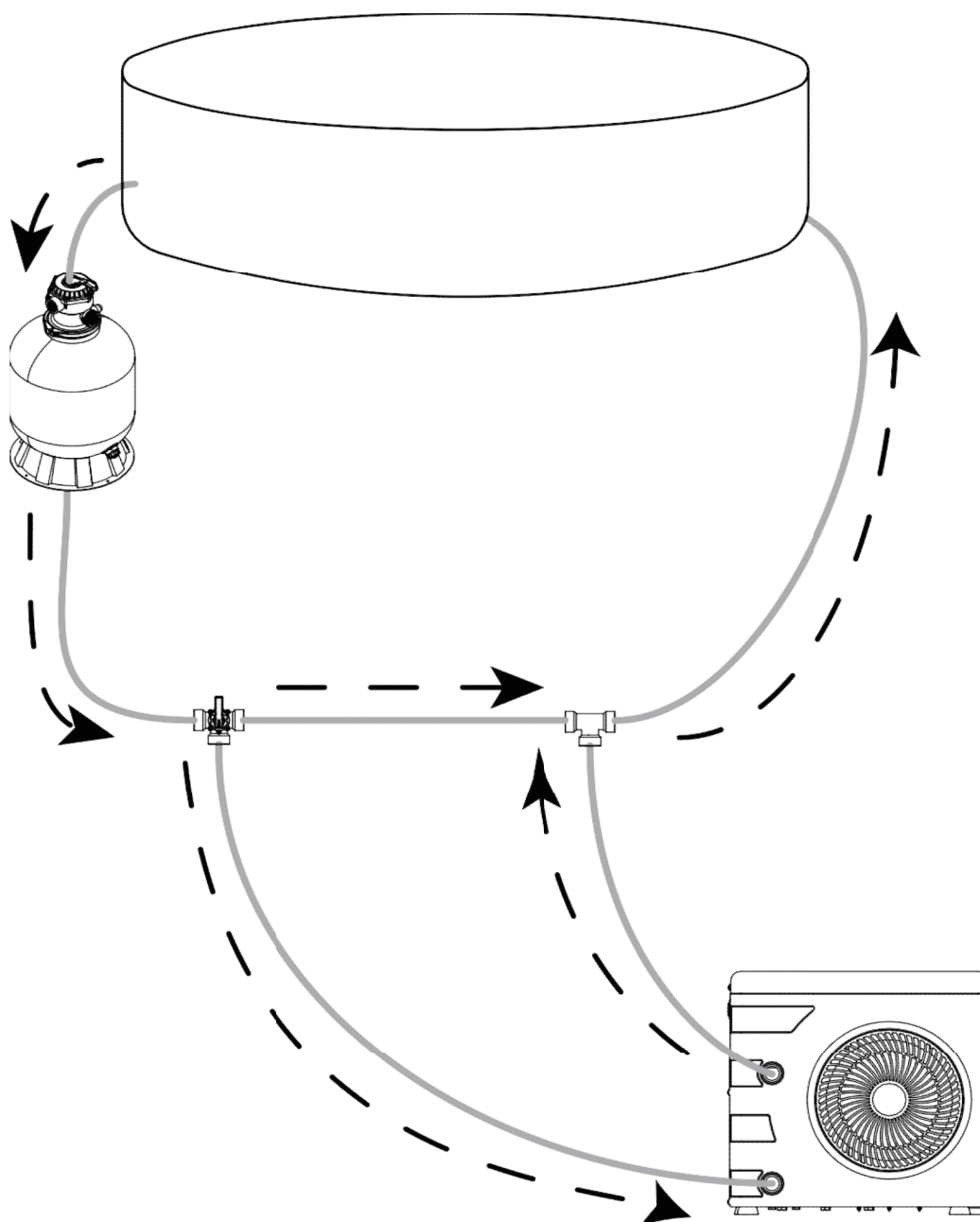
indoor pool. Installation in a windy location does not present any problem at all, unlike the situation with a gas heater (including pilot flame problems).

ATTENTION: Never install the unit in a closed room with a limited air volume in which the air expelled from the unit will be reused, or close to shrubbery that could block the air inlet. Such locations impair the continuous supply of fresh air, resulting in reduced efficiency and possibly preventing sufficient heat output.

See the drawing below for minimum dimensions.

The unit will work properly in any desired location as long as the following three items are present:

Check-valve installation



NOTE:

Note: If automatic dosing equipment for chlorine and acidity (pH) is used, it is essential to protect the heat pump against excessively high chemical concentrations which may corrode the heat exchanger. For this reason,

equipment of this sort must always be fitted in the piping on the downstream side of the heat pump, and it is recommended to install a check-valve to prevent reverse flow in the absence of water circulation.

Damage to the heat pump caused by failure to observe this instruction is not covered by the warranty.

NOTE

The factory supplies only the heat pump. All other components, including a bypass if necessary, must be provided by the user or the installer.

ATTENTION:

In order to heat the water in the pool (or hot tub), the filter pump must be running to cause the water to circulate through the heat pump. The heat pump will not start up or be destroyed if the water is not circulating.

Initial operation

After all connections, have been made and checked, carry out the following procedure:

1. Switch on the filter pump, check for leaks and verify that water is flowing from and to the swimming pool.
2. Connect power to the heat pump ,The unit will start up after the time delay expires (see below).
3. After a few minutes, check whether the air blowing out of the unit is cooler.

Depending on the initial temperature of the water in the swimming pool and the air temperature, it may take several days to heat the water to the desired temperature. A good swimming pool cover can dramatically reduce the required length of time.

NOTE

Time delay - The heat pump has a built-in 3-minute start-up delay to protect the circuitry and avoid excessive contact wear. The unit will restart automatically after this time delay expires. Even a brief power interruption will trigger this time delay and prevent the unit from restarting immediately. Additional power interruptions during this delay period do not affect the 3-minute duration of the delay.

NOTE

The amount of condensation may be as much as several liters per hour at high relative humidity. This is sometimes mistakenly regarded as a water leak.

TECHNICAL INFORMATION

Technical data CIPU MINI pool heat pumps

MODEL		75219
* Performance at 80°F Air, 80% RH, 80°F Water		
Heating capacity	BTU/h	15000
Power consumption	KW	0.75
C.O.P.		5.5
* Performance at 80°F Air, 63% RH, 80°F Water		
Heating capacity	BTU/h	13500
Power consumption	KW	0.75
C.O.P.		5.2
* General data		
Compressor type		GMCC
Voltage	V	115V
Rated current	A	7
Maximum current	A	10.6
ADVISED	SPA	3
VOLUME (m ³)	POOL	12
Water pressure drop	Kpa	5
Heat exchanger		Twist-titanium tube in PVC
Water connection	in	1.25-1.5
Fan quantity		1
Ventilation type		Horizontal
Air Flow	m ³ /h	1200
Power input of Fan	W	42
Noise level(1m)	dB(A)	47
Refrigerant (R410a)	oz	11
* Dimension/ Weight		
Net weight	lbs	44
Gross weight	lbs	49
Net dimension	in	15x12x15
Packing dimension	in	18x16x17

*Above data are subjects to modification without notice.

Accessories list

 Anti-vibration base,4pcs	 2 sets	 2 sets
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TROUBLESHOOTING

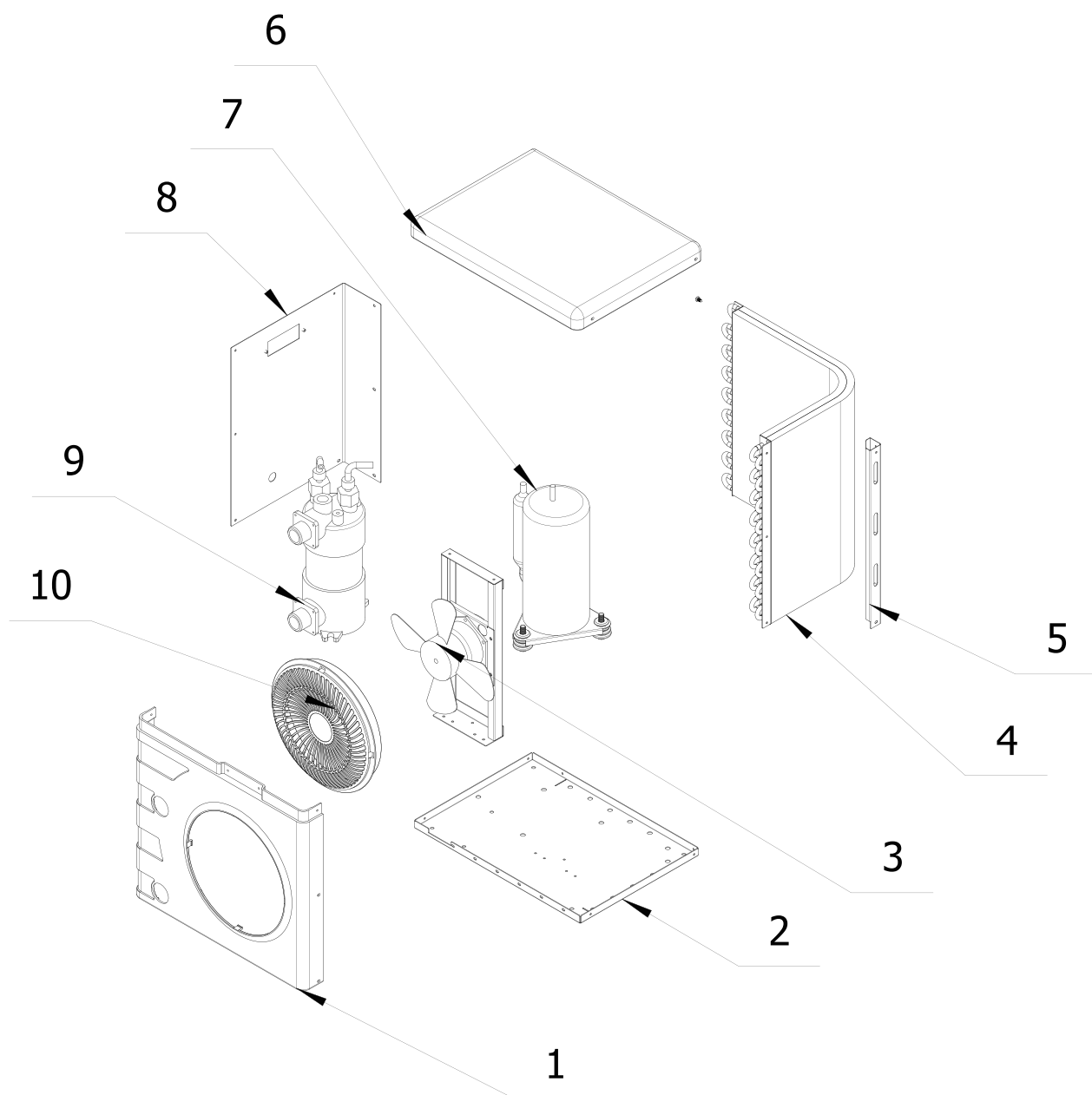
Error code display on LED wire controller

Fault performance	Cause	Solution
No display	If power is cut If switch is off	Check power and switch
No working but display	IF the temperature setting in the stop range; If the heating mode is correct	Set the required temperature control value ; Set the correct mode
Display unusual	Poor wiring or binding ; Sensor fault.	Good wiring and binding Check terminal or change sensor .
Large deference between display value and actual value	Un same location , Sensor deference .	Reliable location Adjust the value "CA" as "3.4.b"
No stopping	Error sensor location Electrical fault	Reliable location , Check electrical parts .
Over frequency starting	Value "d" set too least or higher ambient temperature	Adjust the value "d" as "3.4.a"
E1 or E2 displaying	Sensor short or open	Check sensor wire or change sensor .
E3 displaying	NO water flow	Check pump or others

Maintenance

- 1.You should check the water supply system regularly to avoid the air entering the system and occurrence of low water flow, because it would reduce the performance and reliability of HP unit.
- 2.Clean your pools and filtration system regularly to avoid the damage of the unit as a result of the dirty or clogged filter.
- 3.You should discharge the water from bottom of water pump if HP unit will stop running for a long time (especially during the winter season).
- 4.In another way, you should check the unit is water fully before the unit start to run again.
- 5.After the unit is conditioned for the winter season, it is recommended to cover the heat pump with special winter heat pump.
- 6.When the unit is running, there is all the time a little water discharge under the unit

PARTS INFORMATION



1	Front panel	2	Base panel
3	Fan & motor	4	Evaporator
5	Right bracket	6	Top panel
7	Compressor	8	Left panel
9	Titanium heat exchanger	10	Fan cover

DISCLAIMER

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Record Product's Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.

Questions, issues or missing parts?

Before returning to your retailer, our customer service team is here to help.



Call Us: 909.628.0880

Email Us: customer@xtremepowerusa.com

Hours of Operation: 9am - 3pm PST Monday - Friday

MADE IN CHINA