INSTALLATION AND

USER INSTRUCTIONS

FibroPool

FH135 Heat Pump

1. WARNING

TO DO:

- **Please install the unit in compliance with local CODES, regulations and standards;**
- Please use a solid base, such as 2 pieces of 16” x 16” x 4” concrete blocks or an equipment base of 16” x 32 inches minimum size.
- Confirm power voltage and frequency; 110-125 volts, 60 Hz. 20 Amps.
- If the heater is within 50 feet of the breaker box, use 12 AWG gauge wire (12-2+ Ground) and 20 Amp breaker on a GFCI protected outlet.
- If the heater is 50-150 feet from the breaker box, use 10 AWG wire (10-2+Ground) and 20 Amps GFCI breaker.
- The heater must be BONDED to a ground rod, using **#8 AWG** bare copper wire.
- An external timer can be used, be sure it I an outdoor Appliance type, minimum 15 amps Inductive.
- 1 1/2” schedule 40 PVC OR 1 ½” or 1 ¼” corrugated filter connection hoses OR 1.5” Intex hoses must be used to connect plumbing.
- WATER AND ELECTRICITY DON’T MIX. PLEASE USE ALL PRECAUTIONS.
- This heater is made of mostly metal alloys and may have sharp edges. Please use gloves while handling it.
- Keep a minimum of 6 feet distance between the heater and the pool wall.
- Fibropool **FH135** is weatherproof and designed to be outdoors, but is not splash-proof. Choose a location away from splashing from the pool.

NOT TO DO:

- Do NOT install this heater where there may be flammable gas.
- Do NOT install this heater in an enclosed room. Without adequate air supply, performance will be severely limited. If the unit is installed in a closed area or limited space, please consider the size of room and ventilation to prevent suffocation caused by refrigerant leakage.
- Do NOT try to lift the unit by yourself. The FH135 weighs about 100 lbs. It is a 2 person handling size and weight.
- Do NOT install below eaves of the roof, where water pours onto it.
- DO NOT SHORTCUT ANY SAFETY PROCEDURES.

System Specifications

1. Specifications

Model		FH135
82'F Air 82'F Water 82% RH	Max Heating capacity (Btu/h)	34,700
	Max Power input (Btu/h)	7200
	COP	5.56
60'F Air 75'F Water 65%RH	Heating capacity (Btu/h)	33440
	Power input (Btu/h)	8360
	COP	4.01
Power supply		110-125V/60Hz
Max power input (Btu/h)		7200
Max current (A)		15.7
Setting temperature range (Heating)		60°F～99°F
Setting temperature range (Cooling)		50°F～82°F
Running (Air) temperature range		45°F～115°F
Refrigerant type/quantity (Oz)		R410A/ 16 Ozs
Air side heat exchanger		Hydrophilic fin exchanger
Water side heat exchanger		Titanium tube heat exchanger
Water flow (gpm)		33 GPM
Net dimension LxWxH (inch)		37 x 14 x 25
Packing dimension LxWxH (inch)		41 x 17 x 33
Net weight (lbs)		78 lbs
Packing weight（lbs）		98
Noise level dB(A)		47
Water proof level		IPX4
Water pipe connection		PVC Sch 40 1-1/2”
Inlet/Outlet		

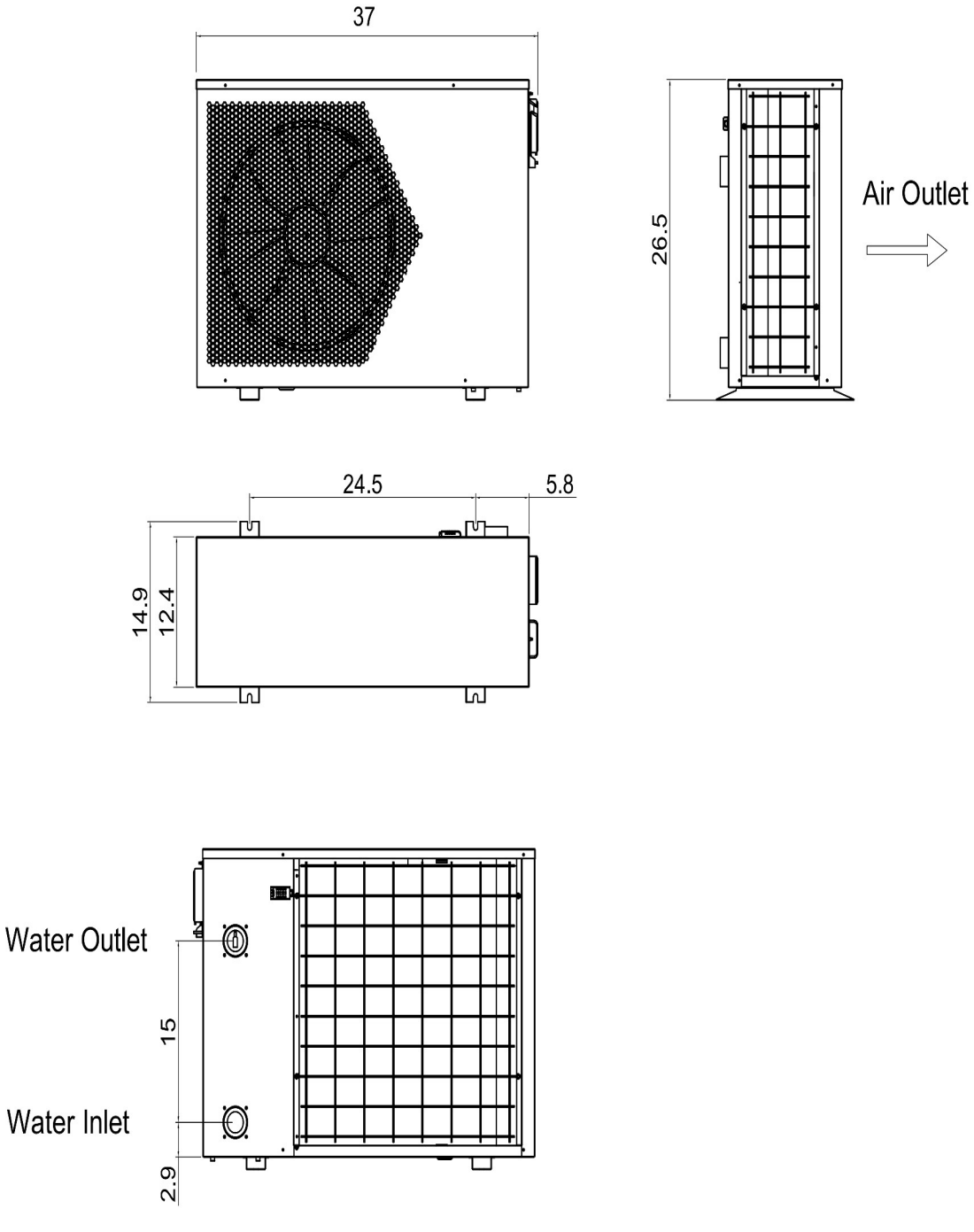
The technical specification of our heat pumps is provided for informational purpose only. We reserve the right to make change without notice in advance.

Performance varies greatly depending on the weather conditions.

1. Ratings based on US Dept Of Energy guidelines, 82-82-82 / 80-80-80/ 78-78-78
2. US Dept Of Energy recommends pool water temperatures 78, 80, or 82 Degrees.
3. FH 135 is engineered and optimized based on US Dept Energy recommendations.
4. We do not calibrate or size the heaters above 82'F pool water temperatures.
5. 55 dB noise at 10 feet, complies with Directives EN ISO 3741 and EN ISO 354

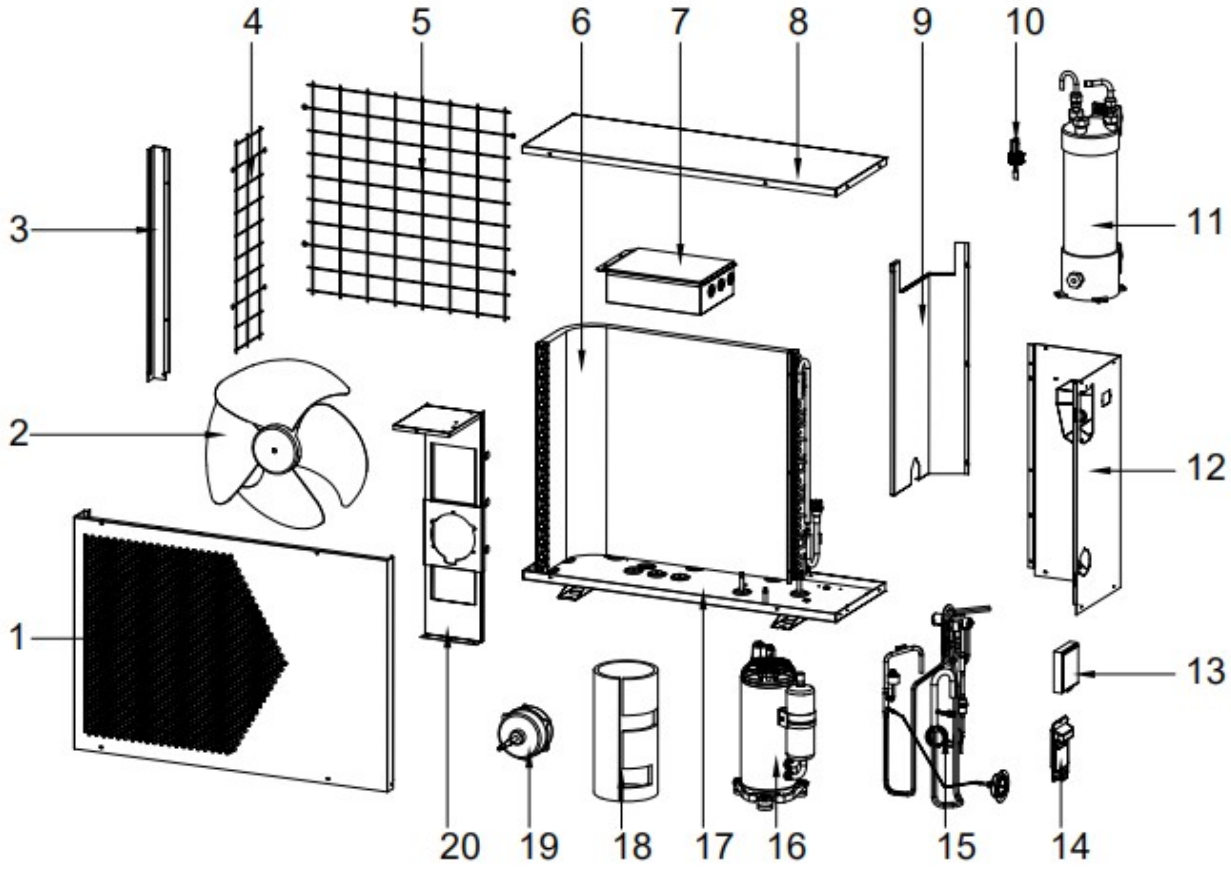
1. Unit Dimensions

Model: FH 135



Dimensions are in Inches

1. Exploded View



1	Grill Panel	9	Baffle plate	17	Base Frame
2	Fan	10	Water flow switch		
3	Corner Bracket	11	Titanium heat exchanger	19	Fan Motor
4	Protective grill	12	Corner panel	20	Fan Bracket
5	Protection grill	13	Flip Cover		
6	Evaporator coil	14	Terminal Cover		
7	Electrical box	15	Cooper manifold		
8	Top panel	16	Compressor		

Installation Instructions

WARNING: Installation must be performed by a qualified person

This section is provided for information purposes only and may vary depending on your location, regulations, **and available space for installation**

1. Pre-Requirements

Required equipment for installation of heat pump:

Suitable power outlet, 110-125 volts, GFCI protected outlet.

PVC pipe and fittings OR Corrugated filter connection hoses and necessary adapters, Pipe cleaner/ primer, Medium Bodied Glue

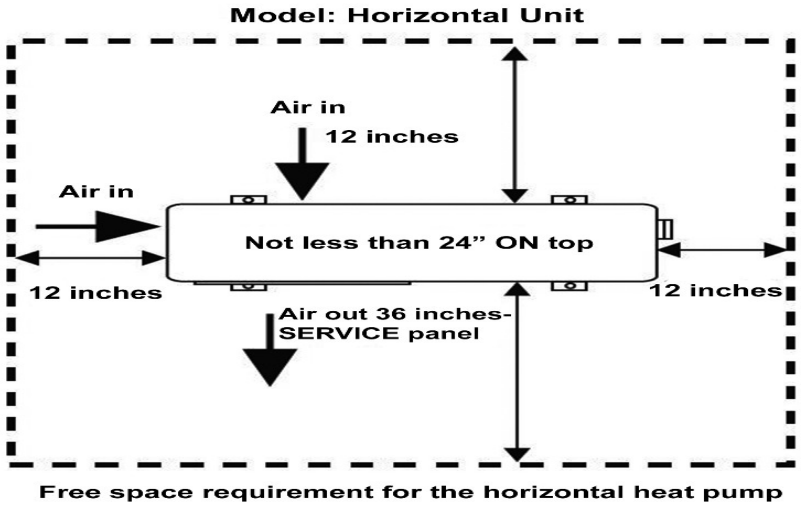
Electrical tools, and a multi-meter

An equipment pad, 16” x 32” x 4” thick or 2 pieces of concrete blocks, 16 x 16 x 4 inches each

2. Location

Please consider the following when choosing a location for the heat pump:

1. Make sure the heater is not directly below roof drains, such as a gutter drain, or eaves.
2. Be sure that the heater does not submerge in water in heavy rain.
3. Be sure to install the drain adapters into the heater and attach the hose to direct the condensation water. Heater will produce gallons of water from condensation daily.
4. Confirm the unit is in well-ventilated conditions and that the fan discharge grill vent is not blocked (fan blows outwards.)
5. Keep at least 12 inches of clearance on the two short sides and the long radiator side.
6. Keep at least 3 feet of clearance on the fan side of the heater.
7. Keep the unit as far as possible out of the reach of children and within 25 feet of the pool.



Free space requirement for the horizontal heat pump

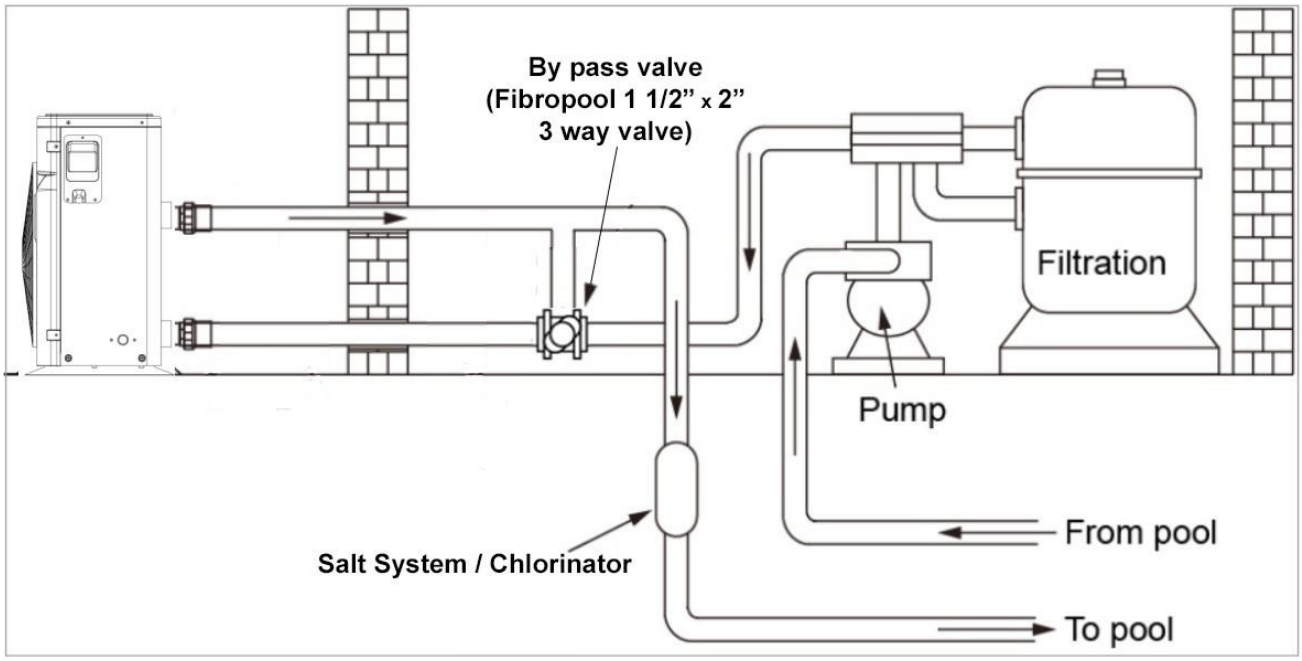
DRAIN ADAPTERS

Please install the drain adapters beneath the heater prior to installation.. You can attach 5/8” hose to the adapters to direct the condensation water.

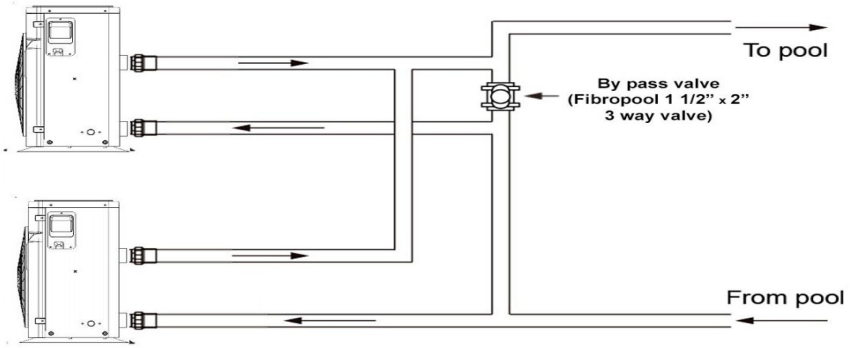
PLUMBING

- On a typical installation on a pool with a small pump, such as ½, ¾ hp pump with 1 1/2” PVC or flexible hoses, only the plumbing IN from the BOTTOM and OUT from the TOP pipe connection is necessary.
- For stronger systems (those with 1.5 HP and larger pumps and 2 inch plumbing systems) a bypass system should be installed.
- ** A BYPASS SYSTEM IS NOT NECESSARY FOR ABOVE GROUND POOLS****
- If the heat pump is connected to a filtration circuit with a by-pass valve: We suggest to open the bypass 50% then adjust down to achieve the lowest flow rate into the heater without triggering error messages (EE-3, PL, EE1). This will give enough water to the heater without restricting the flow. The IN and OUT difference should be 1-5° Fahrenheit. If the difference is too great, increase the water flow through the heater for optimal heating.
- The old system BYPASS path usually consists of 3 valves. The New FIBROPOOL BYPASS VALVE is just 1 valve. This makes it possible to adjust water flow passing through the heat pump.

1. Installation of a Single Heater



2. Parallel Installation for 2 Units



Throttled bypass valve, 50% open

PIPE CONNECTIONS

1. FH 135 Features 1 1/2” SAE machine threads. They are NOT the typical pipe threads. You can use the included unionized fittings with o-rings WITHOUT thread tape, or you can use the conical hose adapters WITH thread tape.
2. All fittings and pipes used must be 1 1/2” Sch 40 (Schedule 40) PVC pipe If using corrugated flexible filter hoses, try to use the 1 ½” diameter hoses.
3. Tighten all fittings by hand only. If using the threaded hose adapters with thread tape, give a ¼ turn with pliers after hand tight. Excessive tightening will crack fittings.
4. A minimum of 6 inches of straight pipe must be used before any elbows/fittings etc.
5. Please support the pipes in the air, as gravity will eventually bend and break the fittings.
6. If using flexible hoses, be sure to tighten the clamps well.
7. Be sure to check your fittings and glue them properly, using pipe cleaner and a good grade Medium bodied glue.
8. Heaters have heat exchanger coils, therefore they increase back pressure.
9. If your pool pump is larger than 1 horsepower, you should use a bypass valve. This will help water flow of your system to continue as original plumbing. You simply need a 3 way valve, and a Tee. Refer to diagrams for the bypass set up.
10. If you have 2 inch plumbing, use our 2 inch bypass valve and a 2 inch TEE, then use reducers to 1 1/2” pipe to connect to the heater. This way you will not compromise the water flow.
11. Be sure that **WATER IN** pipe is connected to the **BOTTOM**, and **WATER OUT** pipe is on **TOP**. Reversal will result in flow error code **PL**

Hard PVC Adapters

Corrugated Filter Hose Adapters

Intex Integrated hose adapters

ELECTRICAL CONNECTIONS

Power Supply Wires Size

Model	Power Supply Wires		
	Power Supply	Breaker Size	Plug rating
FH 135	110-125V/60Hz	20 Amps	20 Amps

- **Step 1: Remove the 8 screws that are holding down the top lid of the heater (yellow stickers pointing to them). All adapters etc are inside the heater, contained in a bag.**

- **Step 2: Remove the bag, and reinstall the lids 8 screws hand tight.**
- **Step 3: Plug in the power cord of the heater, and reset the GFCI, by pushing the TEST and RESET buttons.**

- **FH 135 requires equipotential bonding. Please connect an #8 AWG bare copper wire to a ground rod. This is required for safety and corrosion prevention of the heater's metal chassis.**

Running Test

Inspection Before Running Test

1. **Check electrical connectors, terminal screws. Be sure all are tight**
2. **Check voltage at the power supply, 110-125 volts range must be observed on the outlet**
3. **Check Bonding wire's tightness and attachment to the ground rod.**
4. **Check plumbing connections, make sure all glued, tight and IN from BOTTOM, OUT from TOP**

Turn on the pump.....

……..Wait about 1 minute for all the air to purge from the system

Turn on the heater

Push the ON/OFF button on the heater, Making sure the SUNSHINE sign is on top……...

……ALLOW ABOUT 5 MINUTES, FOR THE FAN TO START BLOWING COLD AIR AND CONDENSATION TO START DRIPPING.

These indicate the heater is running. Another indication of the heater operating properly, is the pressure gauge on its side will climb up.

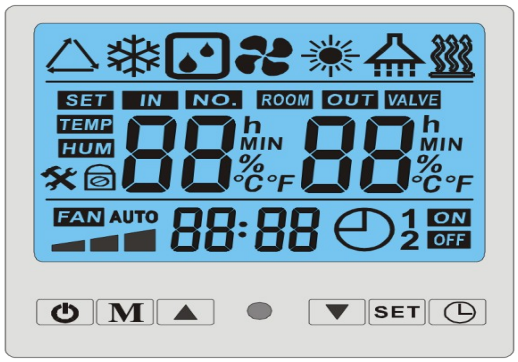
If all is well, leave your heater running. Your heater will only be on while your pump is ON

In and out temperatures maybe very close or even the same, but this depends on many factors, including a strong pump pushing the water too fast to register.

The primary indicators of heating are cold air and condensation.

The Pressure gauge is oil filled with an air bubble. Do not mistake it for an oil or water leak.

1. Control Function Description



- "ON/OFF" key：Turn ON/OFF the heat pump.
- "MODE" key：Press MODE key to select, while the heater is RUNNING.

AUTO mode – Triangle Sign

COOLING mode – Snowflake sign

HEATING mode – Sunshine Sign

- CLOCK  key：Time setting (NOT AVAILABLE ON MOST MODELS)

Press this key, then SET. Use the up and down arrows to set the current time. Use M button to swap between hour/ minute settings. There is NO TIMER. This is only to set the time. You DON'T have to set the time, it does not affect the operation of the heater at all.

- UP AND DOWN "▲"and"▼"key：

Press "▲"and"▼"key to increase or decrease the values.

ADJUSTING THE TEMPERATURE: MAKE SURE THE HEATER IS ON, THEN USE THE UP AND DOWN ARROWS TO ADJUST THE TEMPERATURE. (temp must be set individually for heating, cooling and auto modes)

- "SET" key：

Press this key to enter the fault query state, and then press this key to query other fault displays in the current state.

Press and hold SET key to enter parameter state, then press "MODE" key to enter the setting.

You can set the parameters by pressing "▲""▼" key, press "SET" key to set other parameters. Exit the parameter setting state automatically if there is no operation within 5 seconds.

On occasion, you may see a square with Rain drops in it. This means the heaters coils are too cold and its in defrost mode. Do not be alarmed, as it is a normal function in colder air temperatures.

FOR A HOMEOWNER, ONLY THE HEATING AND COOLING TEMPERATURES NEED TO BE ADJUSTED. SIMPLY PRESS MODE TO GO TO HEATING, AND USE THE UP AND DOWN ARROWS TO ADJUST. ADJUSTING OTHER SETTINGS CAN AFFECT THE PERFORMANCE AND OPERATION OF THE HEATER. WE DO NOT RECOMMEND THAT HOMEOWNERS CHANGE ANY OTHER OPERATIONAL SETTINGS.

SYSTEM PARAMETERS				
No	***Parameter Name***	***Range***	***Default***	***Remark***
0	Memory function at power loss	0（no）\1（yes）	1	Adjustable
1	Timer cycle(every day or once)	0（once）\1（every day）	1	Adjustable
2	X(Temp. difference between compressor start and desired water temperature)	2-10℃ (35.6-50℉)	3℃ (37.4℉)	Adjustable
3	Y(Temp. difference between compressor stop and desired water temperature)	0-3℃ (32-37.4℉)	0℃ (32℉)	Adjustable
4	The interval for defrosting	30-90Min	40Min	Adjustable
5	Coil temp to initiate Defrost	-30℃~0℃ (-35F-30F)	-1℃/30F (display 1/30)	Adjustable
6	Defrost off temp.	2-30℃ (35.6-86℉)	15℃ (59℉)	Adjustable
7	Max defrost duration	1-12Min	8Min	Adjustable
8	Compressor output limit	90-120℃ (194-248℉)	110℃ (230℉)	Adjustable
9	Max desired water temperature	25~40℃ (77-104℉)	40℃ (99℉)	Invalid
10	Water pump running mode	0（Special）\1（Normal）	1	Adjustable
11	Water pump time out period after reaching desired water temp.	3-20MIN	15	Adjustable
12	Second anti-freezing mode	0（HP）/1（Electric heater）	1	Not adjustable
13	Unit mode selection	0(cooling only)\1（cooling and heating）\2（heating only）	1	Adjustable
14	High pressure switch	0: Alarm when closed 1: Alarm when open 2: Invalid	1	Adjustable
15	Low pressure switch	0: Alarm when closed 1: Alarm when open 2: Invalid	2	Adjustable
16	Water flow switch	0: Open when abnormal 1: Close when abnormal 2: Invalid	1	Adjustable
17	Emergency switch	1: Enable 2: Disable	2	Adjustable
18	Electric heater over heat protection	1: Alarm when open 2: Invalid	-	Adjustable
19	EEV adjust duration	20-90 seconds	30S	Adjustable
20	Target SUPERHEAT	-8~15℃	2℃ （4℉）	Adjustable
21	Allowable exhaust temperature for EEV adjustment	60-115℃	95℃(212℉)	Adjustable
22	EEV opening for defrosting	2~45	40	Display value*10
23	Minimum opening for EEV	6~15	6	Display value*10
24	EEV opening selection	0(manual)/1(automatic)	1	Adjustable
25	EEV opening for manual mode	2~45	30	Display value*10
26	Inlet water temp	-9~99℃(16-210℉)		Measured
27	Outlet water temp.	-9~99℃(16-210℉)		Measured
28	Coil temp. for heating	-9~99℃(16-210℉)		Measured
29	Exhaust gas temp.	0~125℃(0-257℉)		Measured
30	Ambient air temp.	-9~99℃(16-210℉)		Measured
31	Suction temperature	-9~99℃(16-210℉)		Measured
32	Coil temperature for cooling	-9~99℃(16-210℉)		Measured
33	EEV opening	0~48		Display value*10

WE DO NOT RECOMMEND CHANGING FACTORY SETTINGS. THERE IS NO FACTORY SETTINGS- RESET BUTTON. THE ONLY OPTION IS TO REPROGRAM THESE FUNCTIONS INDIVIDUALLY OR REPLACE THE MOTHERBOARD. IN MOST CASES, THE ERROR/ PROBLEM WILL GO AWAY BY RESTARTING THE SYSTEM. TURN OFF THE BREAKER FOR 45 SECONDS AND TURN IT BACK ON. THIS WILL ERASE THE SENSORS' MEMORY.

BELOW ARE COMMON QUESTIONS ASKED
To resolve a problem, we need to identify whether it is a mechanical problem, or performance.

POOL NOT HEATING:

- **In and out difference too small**: Either the air humidity is too low, or the pool pump is pushing too hard. Difference 0-4 degrees accepted. Higher humidity (80% or higher) equates to higher difference.
- **Initial heating takes time**. Allow a few days for the water to heat up, leaving the pool pump and heater on 24-7. Covering the pool can dramatically speed up heating.
- **Heater is not working:** There are 3 basic indicators of the heater's operation: 1- heater blowing cold air 2- compressor pressure goes up by about 0.5 MPa 3- heater dripping water from the condensation lines after 10-15 minutes. If any of these conditions are observed, the heater is working.
- **Heater is not leaking water from the bottom:** Heat pumps will create quite a bit condensation, which will drain from the bottom of the heater.
- **The air is too dry:** Pool heat pumps are optimized for 80% humidity. If the humidity is significantly lower, we recommend installing a set of micron misters. A set can be purchased for about 20-30 dollars from hardware stores. These sets typically screw into a garden hose and spray mist. Place the heads near the coils in order to increase the available moisture for the system, boosting performance.
- **Pool pump's timer setting is too short:** Pool heaters are fed by the pool pump's circulation. A shorter pump timer will result in a shorter heating period. Please adjust the timer settings on your pump or remove the timer when heating.
- **The fan is not coming on, the pressure is not going up on the pressure gauge:** When the thermostat calls for heat, the fan will come on within 4 minutes, and within 45 seconds, the compressor will kick in. If this doesn't happen, and the pool water temperature is much lower than the desired temperature, there is a mechanical issue of an error message on the screen. Be sure that there is no error messages on the screen. This may require a phone call to us at Fibropool Co. 1.228.313.7874
- **Pool is too big for the heater, or for your climate zone:** There is not much can be done, except adding a second heater into the system.
- **Air is too cold:** Heat pumps absorb heat from the air. If the air too cold-below 60°F-performance will be extremely weak. This is often a sign that the swimming season in your area is over.

HEATER IS GIVING WATER FLOW ERROR (PL)

- Pool pump is OFF
- Pool pump is very weak
- Pool filter is dirty
- Plumbing is connected backwards, cold water is connected to top
- Bypass valve is set incorrectly, and water is not being allowed through the heater.
- Flow switch is malfunctioning.

HEATER IS VIBRATING/ SHAKING HEAVILY

- Loose or broken Fan blade

NO DISPLAY

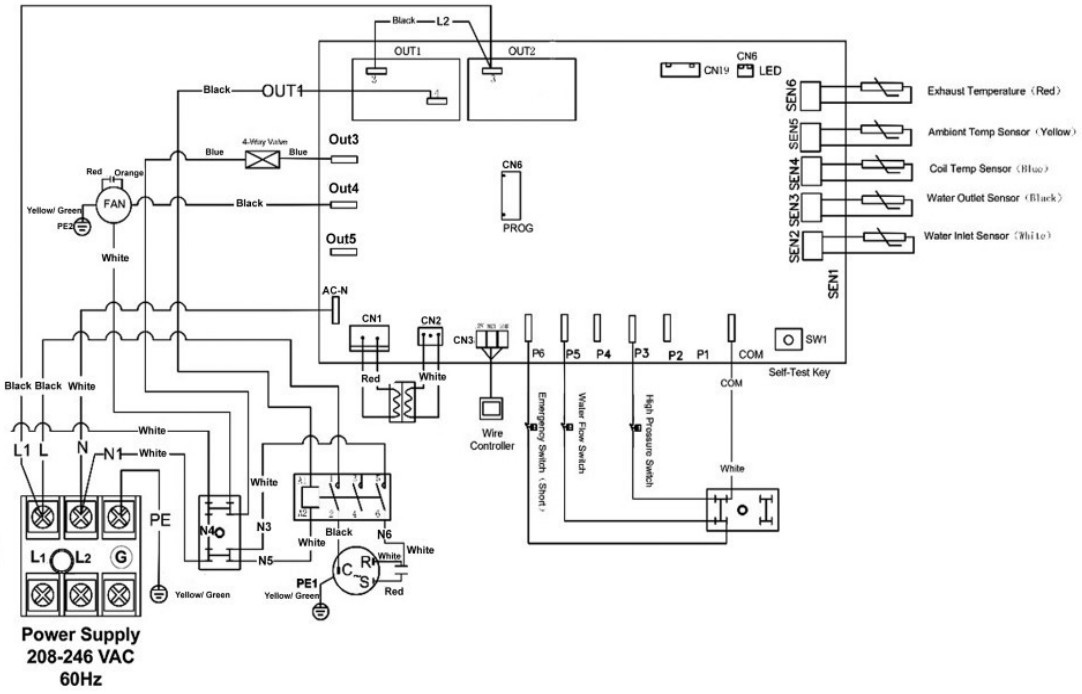
- Digital display is damaged. This happens most frequently if the protective cover is broken or missing, making the controller NOT weather proof.
- The incoming power is not 220 volts. Reading between L1 and L2 should be between 208-240 volts.
- Motherboard's fuse is blown.

ERROR CODES

ERROR CODE	DESCRIPTION	POSSIBLE CAUSES	ACTION
PL	Water flow switch failure	Insufficient Water Flow / Plumbing Connected backwards/ Flow switch Failure / Motherboard Failure	*Make Sure the water is circulating back to Pool. *Check the plumbing lines, make sure the water IN from the filter is connected to the bottom port.
PC	Level 1 anti-freeze protection in Winter	The Air temperatures too low and unit is on standby	*Wait for outside air temperatures to increase
PC	Level 2 anti-freeze protection in Winter	The Air temperatures too low and unit is on standby	*Wait for outside air temperatures to increase
P1	Coil temp sensor failure	Software Crash/ Sensor failure	+Turn the heater off at the breaker for 45 seconds and restart *Replace the Sensor
P2	Compressor exhaust gas temp. sensor failure	Software Crash/ Sensor failure	*Turn the heater off at the breaker for 45 seconds and restart *Replace the Sensor
P3	Inlet water temp sensor failure	Software Crash/ Sensor failure/ Open circuit	*Turn the heater off at the breaker for 45 seconds and restart *Check the wire and connection * Replace the sensor * Replace the Motherboard
P4	Outlet water temp sensor failure	Software Crash/ Sensor failure/ Open circuit	*Turn the heater off at the breaker for 45 seconds and restart * Check the wire and connection *Replace the sensor *Replace the Motherboard
P6	Excessive Temperature Difference for IN and OUT sensors	Low water flow /Motherboard failure	*Check water circulation *Check water temperature * Replace motherboard
P7	Ambient temp sensor failure	Software Crash/ Sensor failure	*Turn the heater off at the breaker for 45 seconds and restart *Replace the Sensor
P8	Excessively LOW outlet water temp in cooling mode	Low water flow rate/ Water inlet water temp too low / Motherboard failure	*Turn the heater off at the breaker for 45 seconds and restart *Check the water flow through the heater *Adjust the set temp to a higher level *Replace motherboard
P9	Low Freon pressure	Low refrigerant / Capillary block / Pressure switch connections / The pressure switch failure / Motherboard Failure	*Add Refrigerant *Replace the capillary *Repair the switch wires *Replace the pressure switch *Replace the Motherboard
E2	Excessive Temperature Difference for IN and OUT sensors	Low water flow / inlet water temp is too low / Motherboard failure	*Check water circulation * Check water temperature *Replace motherboard
E3	Excessively high compressor tempertures	*Low water flow rate *Low refrigerant * Water temp is set too high *Pressure switch Wiring Failure *The pressure switch failure. *Motherboard failure	*Check pool's water circulation * If using a bypass valve, increase the flow to the heater * Drain and recharge the refri *Reduce desired temp setting * Check the wiring of the switch * Replace the pressure switch * Replace the Motherboard
E4	High Freon pressure	*Low water flow rate *Overcharged refrigerant * Water temp is set too high *Pressure switch Wiring Failure *The pressure switch failure. *Motherboard Failure	*Check pool's water circulati * *If using a bypass valve, increase the flow to the heater *Drain and recharge the refrigerant *Reduce desired temp setting * Check the wiring of the switch * Replace the pressure switch * Replace the Motherboard
E8	Communication failure	*Digital controller Failure *Communication line is disconnected, damaged or unplugged from the motherboard *Motherboard Failure	*Replace the Digital Controller *Repair/ reinstall/ plug the wire. *Replace the Motherboard

MAINTENANCE

- For best performance, we recommend setting the temperature and allowing your heater to run as much as possible. Electronic circuits should stay dry and warm with electricity.
- Clean your pool's filtration system regularly to avoid damage to the unit due to a dirty or clogged filter.
- Winterize properly by making sure no water remains in the heater's tank. If possible, bring the unit inside during winter to minimize risks.
- After the unit is winterized, it is ideal to cover the unit with the special winter heat pump cover.
- Please keep the coils clean, by using "Foaming air conditioner coil cleaner", available at hardware stores.
- **Winterization:** If the unit is not running during winter months, please disconnect power supply and pipes, and let out drain water from unit by tilting the heater toward the water inlet side by 45 degrees. A shop vac can also be used for this.
- **Winterization:** if you want to move the unit indoors, just disconnect everything and take it into your garage.



Notice:
When the power of water pump is more than 800W, must set the AC contactor outside.

106-10010-008_ZK_B

FIBROPOOL

5477 LOWER BAY RD
BAY ST LOUIS, MS
39520 USA

CO. LLC USA

FIBROPOOL HEAT PUMP LIMITED FACTORY WARRANTY

This warranty certificate applies only to FibroPool brand electric heat pumps Fibropool Co. LLC warrants this Pool/ Spa Heat Pump, to the original owner, to be free of material and workmanship defects for a limited TEN(10) year term.Heat pumps utilizing Fibropool Titanium Heat Exchangers carry a lifetime warranty on the titanium coil tubing.

Specific warranty terms are listed below. This warranty will begin on the day of purchase, verified by the homeowner's proof of purchase documents.

The full warranty term includes parts and labor charge to remove, repair or replace defective components or failure due to workmanship

CLAMS FOR WARRANTY REIMBURSEMENT MUST HAVE PRIOR AUTHORIZATION BY FIBROPOOL and be performed by a qualified person .This warranty does not cover transportation charges for equipment or component parts to and from the factory.

PROOF OF PURCHASE REQUIRED FOR WARRANTY COVERAGE

This warranty is applicable only if the unit's installation and operation is expressly and completely followed in accordance with the purchase model's Owner / Installation manual.

These documents are furnished with each unit and are available by contacting Fibropool Co. LLC

The liability of Fibropool Co. LLC. shall not exceed the repair or the replacement of defective parts under the including refrigerant or transportation to or from the Fibropool Service Center.

Fibropool Co. LLC. Is not liable for any damages of any sort whatsoever, including incidental and consequential.

This warranty does not include damage to any internal piping or components due to freezing conditions, negligence and abuse, installations in corrosive environments or atmospheres, nor acts of God.

There are no implied warranties of merchant ability of fitness for a particular purpose that apply to this product.

To obtain warranty authorization, please contact: Fibropool Co. LLC., PO Box 2425, Bay Saint Louis, MS 39521 USA

Lifetime parts warranty on titanium tubing heat exchange (plastic tank is excluded)
1 Year Labor on the entire unit
1 Year full on compressor, cabinet, motherboard and digital display
2-10 years prorated warranty on the compressor, cabinet
1 Year full warranty on all other parts

PRORATED WARRANTY COVERAGE IS AS FOLLOWS:
0-1 YEAR: 100%
1-2 YEARS: 90%
2-5 YEARS: 50%
5-10 YEARS: 25%

Above mentioned warranties apply only to the original purchase. Warranty is non-transferable.
Fibropool will have the option to repair or replace the item if found to be defective after inspection.
Purchaser is responsible for shipping cost to and from the nearest warranty / repair center.
FIBROPOOL WILL NOT BE HELD RESPONSIBLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR CONTINGENT DAMAGE
Some states do not allow exclusion of incidental and consequential damages and on how long implied warranty lasts; so above conditions and limitations may not apply to you.
This warranty grants you specific rights which may vary from state to state.

Toll free: 1-228 313 7874 Fax:+1-201 328 3300 Email: support@Fibropool.com **V23.02**