

Choose between a cold water plunge or the perfect soak in warm water

**DESIGNED FOR ULTIMATE COMFORT**



# CLIM8ZONE™ II

An experience you won't find anywhere else



# CLIM8ZONE™ II | Additional Features and Benefits

## Features and benefits of Clim8zone™

1. Unlike other spa heat pumps on the market, Clim8zone™ functions at low ambient air temperatures (-5°C) in colder climates
2. Operates quietly at less than 45dBA
3. Variable speed compressor with smart algorithm
4. Fully integrated with the BP Systems and uses the same spa heating pump as the spa's traditional electric element heater
5. Features a typical energy efficiency (COP) of 5 to 10 times a traditional spa heater and may reach up to 15 times in certain operating conditions, using less energy to keep the water hot, providing smart savings
6. Allows the spa user to set the spa BP Control System to utilize the **Clim8zone™ Heat Pump** alone, the spa's traditional **Electric Heater** alone, or **Both simultaneously when necessary**

# PANELS COMPATIBLE WITH CLIM8ZONE



**SpaTouch3™**



**TP700**



**SpaTouch2™**



**SpaTouchMini™**

**TP740**  
(TRAP / SQUARE / T)



# CONTROL BOXES COMPATIBLE WITH CLIM8ZONE



**BP6013G1 – C8Z**

**BP6013G2 - C8Z**

**BP6013G3 - C8Z**

**BP2100G0 - C8Z**

**BP2100G1 - C8Z**

**BP214PBC - C8Z**

***THE LISTED BP SYSTEMS ARE ALL COMPATIBLE WITH CLIM8ZONE.  
THIS IS IDENTIFIED WITH THE PART DESCRIPTION ENDING WITH  
“C8Z”***

# CLIM8ZONE SPA HEAT PUMP

BALBOA WATER GROUP

**PART NUMBER:** 73005

**RATED VOLTAGE/FREQUENCY:** 230VAC/1P/50Hz

**IP RATING / CLASS:** IPX4 / CLASS I

**RATED HEATING CAPACITY:** 4.0-1.0kW

**RATED HEATING POWER INPUT:** 0.8-0.11kW

**RATED HEATING CURRENT INPUT:** 3.5A

**MAX. POWER INPUT:** 1.05kW

**MAX. CURRENT INPUT:** 4.6A

**RECOMMENDED WATER FLOW:** 28LPM/1.7m<sup>3</sup>/h

**REFRIGERANT / PROPER INPUT:** R32/0.26kg

**NOISE (1 m):** 45dB(A)

**NET WEIGHT:** 32kg

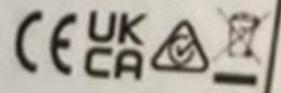
**OPERATION PRESSURE(LOW SIDE):** ≥0.15MPa

**OPERATION PRESSURE(HIGH SIDE):** ≤4.2MPa

**MAXIMUM ALLOWABLE PRESSURE:** ≤4.2MPa

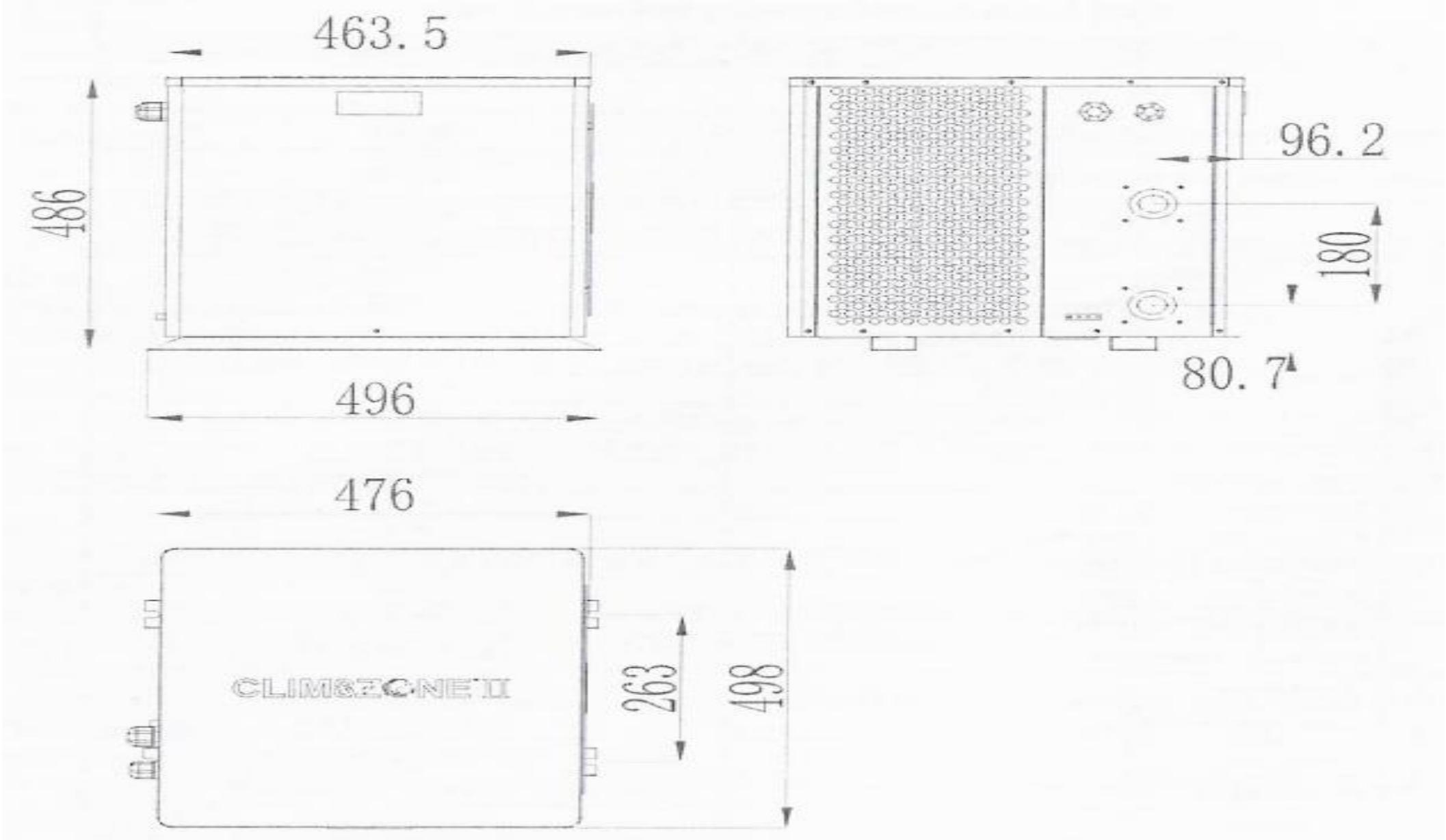
TESTED TO STANDARDS  
IEC-AS/NZS 60335-2-40; 60335-1

Made in PRC

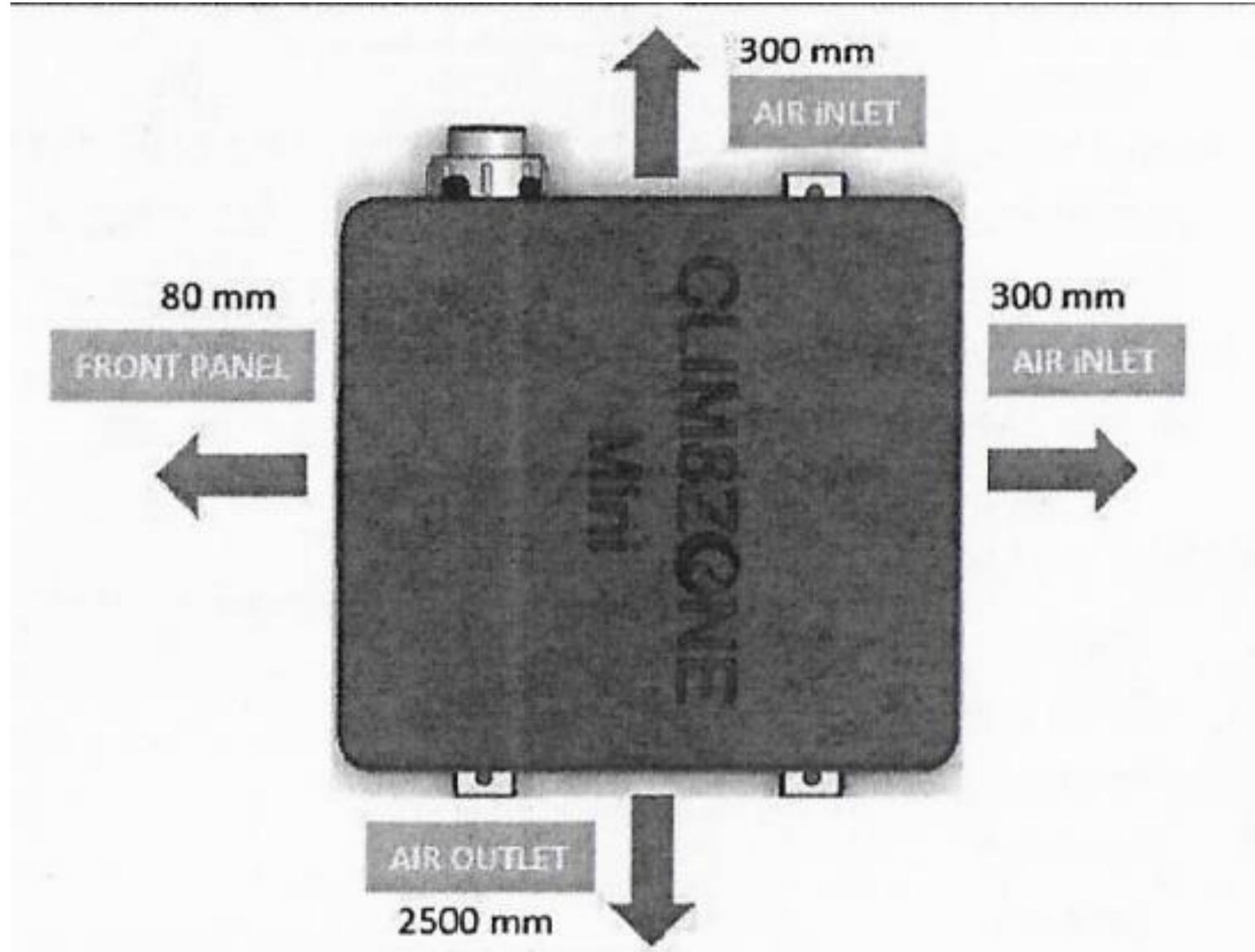


CLIM8ZONE II	SPECIFICATIONS
Advised pool volume (m3)	5~15
Operating air temperature (°C)	-5~43
<b>Performance Condition: Air 27°C, Water 26°C, Humidity 80%</b>	
Heating capacity (kW)	4.0~1.0
Consumed power (kW)	0.8~0.11
COP	5.0~9.5
<b>Performance Condition: Air 15°C, Water 26°C, Humidity 70%</b>	
Heating capacity (kW)	2.5~0.65
Consumed power (kW)	0.63~0.11
COP	4.0~6.1
<b>Performance Condition: Air 35°C, Water 28°C, Humidity 80%</b>	
Cooling capacity (kW)	1.6
Sound pressure at 1m dB(A)	45
Power supply	230V/1 Ph/50Hz/60Hz
Water Connection (mm)	Φ32
Rated input current at air 15°C (A)	3.83~0.53
Advised water flux (m <sup>3</sup> /h)	1.72
Refrigerant	R32
Operating water temperature (°C) heating	9~43
Operating water temperature (°C) cooling	9~35

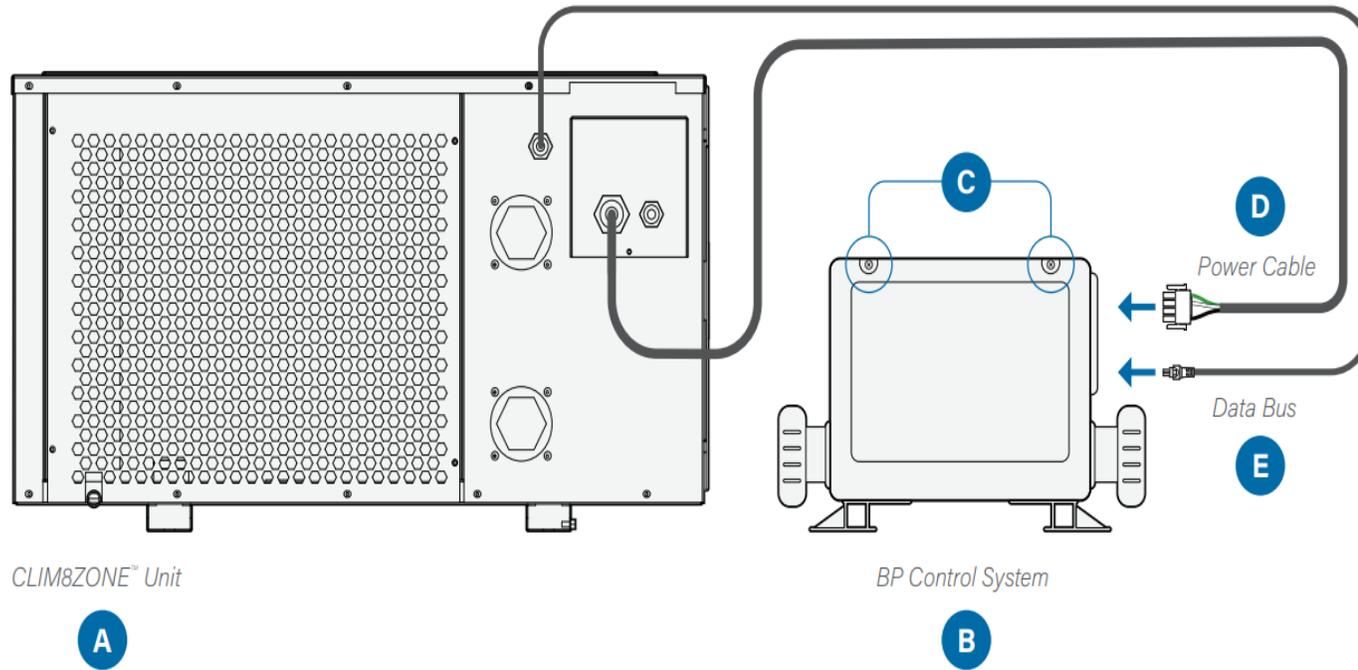
# CLIM8ZONE II DIMENSIONS



# CLIM8ZONE II MINIMUM CLEARANCES



# CLIM8ZONE II WIRING & PLUMBING VALVE



## ITEMS INCLUDED IN THE BOX

A

Condensation Hose



E

Condensation Hose Clamp

B

Pump Union 1



Gasket 1



Gasket 2

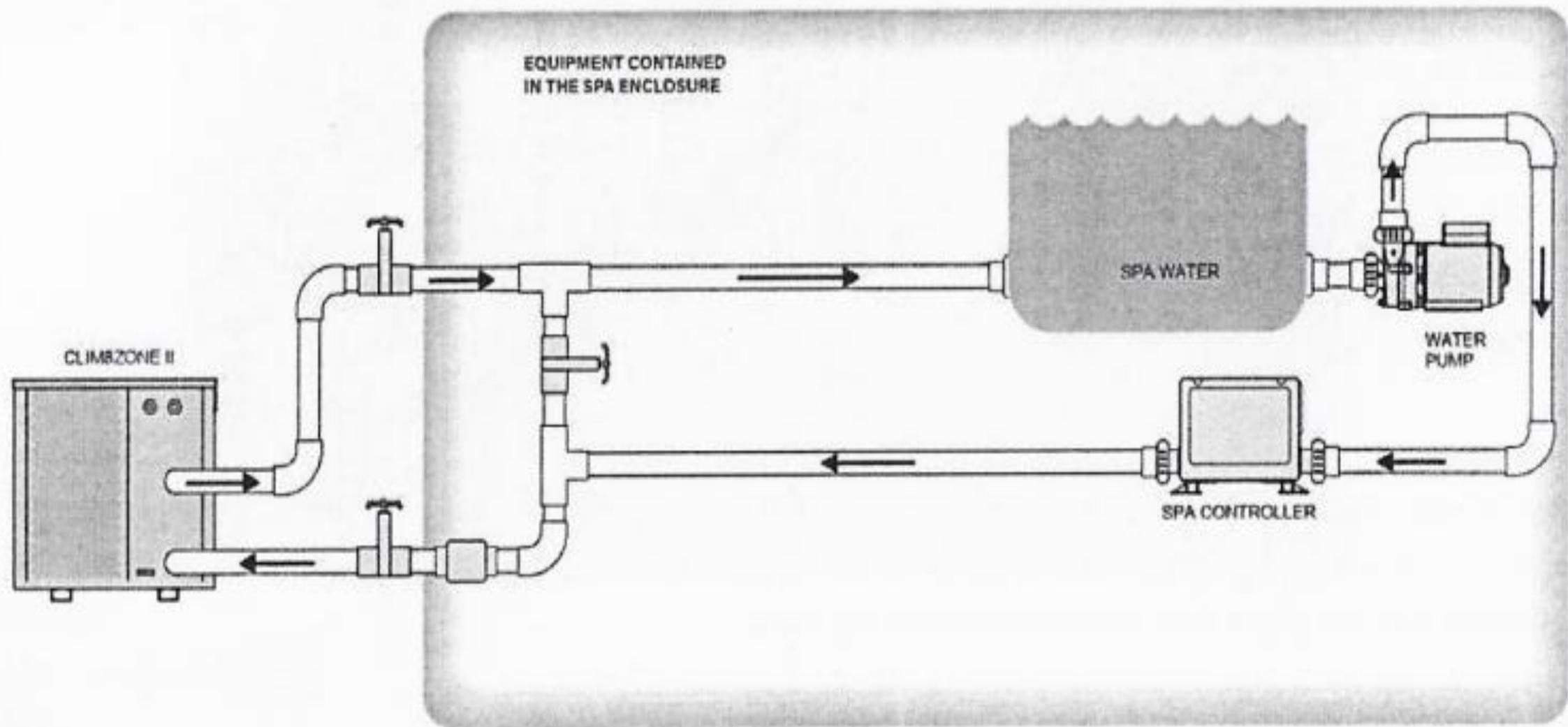
C

Pump Union 2



Wrench

### 3.4.1 Plumbing diagram



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**TP700**



**SpaTouch2™**

**TP740**  
(TRAP / SQUARE / T)



# TEMPERATURE MODES

CLIM8ZONE™ has four Temperature modes for heating/cooling spa water.

- 1 HEATING MODE (Default)**  
This mode only heats the spa water. All cooling with the CLIM8ZONE™ unit is disabled.
- 2 COOLING MODE**  
This mode only cools the spa water. All heating with the CLIM8ZONE™ unit is disabled.
- 3 HEATING AND COOLING MODE (Default)**  
This mode heats and cools the spa water with the CLIM8ZONE™ unit enabled.
- 4 DISABLED**

# SPEED MODES

CLIM8ZONE™ has three Speed modes.

- 1 AUTO SMART (Default)**
  - For Heating or Cooling
  - Uses Artificial Intelligence
  - Variable Heating/Cooling capacity
  - The CLIM8ZONE™ computer automatically adjusts the compressor frequency up or down using an algorithm that is based on ambient air temperature and water temperature.
  - This algorithm balances a best case in most conditions for efficiency and noise vs heating/cooling output of the CLIM8ZONE unit.
- 2 MANUAL HIGH**
  - For Heating or Cooling
  - Highest Heating Capacity
  - Fastest Water Heating/Cooling
  - Low COP (i.e. Low Energy Efficiency)
  - High Compressor Frequency – Fixed, i.e. does not adjust based on environmental conditions
  - The CLIM8ZONE unit Compressor Noise is Maximum
- 3 MANUAL LOW**
  - For Heating or Cooling
  - Lowest Heating/Cooling Capacity
  - Slowest Water Heating
  - High COP (i.e. High Energy Efficiency)
  - Low Compressor Frequency – Fixed, i.e. does not adjust based on environmental conditions
  - The CLIM8ZONE unit Compressor Noise is Minimum

# eHeater MODES

The BP control system has three eHeater modes.

- 1 CONTINUOUS**  
The electric heater (eHeater) is continuously enabled.
- 2 eBOOST (Default)**  
The electric heater is enabled temporarily when an extra boost is required.
- 3 DISABLED**



BP Control System with  
eHeater

# PANELS COMPATIBLE WITH CLIM8ZONE



**SPATOUCHMINI WITH ITS BEZEL TO COVER A TP600 HOLE**

# CLIM8ZONE on SPATOUCH3

## *Clim8zone icons*



CLIM8ZONE  
*Indicator*

CLIM8ZONE *Heating*



CLIM8ZONE *Cooling*

# CLIM8ZONE indicator on SpatouchMini, Spatouch3, TP700 & TP740T



# CLIM8ZONE SpatouchMini, TP700 & TP740T

*Clim8zone heating*



*Red indicator CLIM8ZONE is heating to reach set temperature*



# CLIM8ZONE SpatouchMini, TP700 & TP740T

*Clim8zone cooling*



***BLUE indicator CLIM8ZONE is  
Cooling to reach set temperature***



# CLIM8ZONE SpatouchMini, TP700 & TP740T

*eHeater menu (Clim8zone & eHeater running together)*



**CONTINUOUS  
eHeater + Clim8zone running**