

## UNIT SPECIFICATIONS

		HW160R
<b>BTUs</b> <small>(water temp/ambient air/ relative humidity)</small>	80/80/80	128,000
	80/80/63	120,000
	80/50/63	78,000
<b>C.O.P.</b> <small>Coefficient of Performance (water temp/ambient air/ relative humidity)</small>	80/80/80	5.7
	80/80/63	5.5
	80/50/63	4.0
<b>Refrigerant</b>		R410A
<b>Electrical</b>	Heat or Heat and Cool	H&C
	kW Input	6.7
A - 208/230/60/1 B - 208/230/60/3	Voltage/Hz/Phase	A & B
	Max. Fuse Size	A - 60 B - 50
	Min. Circuit Ampacity	A - 43.3
		B - 34.5
<b>Water Flow</b>	Min./Max. (gpm)	30/70
<small>A Heater Bypass Kit is required when flow rates exceed the maximum.</small>		
<b>Physical</b>	Weight	253 lbs / 115 kg
	Length x Width x Height (in)	34" x 34" x 40"
	Length x Width x Height (cm)	87 x 87 x 102
<b>Shipping</b>	Weight	313 lbs / 142 kg
	Length x Width x Height (in)	37" x 36" x 43"
	Length x Width x Height (cm)	94 x 92 x 120
<small>Rated in accordance with AHRI standard 1160 water temp/ambient air/relative humidity. Specifications subject to change. California residents visit aquacal.com for Proposition 65 information.</small>		



# HEATWAVE®



Powerful  
**HEAT & COOL**  
Performance



A portion of every heat pump sold will be donated to Every Child a Swimmer



# MAXIMIZE THE ENJOYMENT OF YOUR SWIMMING POOL INVESTMENT

by heating your pool with an AquaCal® heat pump.



## Smart Microprocessor Control with LCD Display

- Weather protected SMART control panel with 24 character full-text display provides easy-to-read menu options and unit status
- Ability to connect to external controllers for heating and cooling mode
- Most common variable speeds pump can be programmed using the heat pump smart controller (HP11)



## Corrosion Proof Cabinet

- Louvered side panels protect evaporator coil while ensuring efficient air flow
- Rust and fade proof cabinet is impact resistant
- Built-in drain pan provides condensate management

## ICEBREAKER® Heat & Cool

- Extends swimming season longer than any other heat pump on the market
- Continues to heat at freezing temperatures to minimize heat loss
- Cools your pool to a refreshing temperature

## PoolSync® Technology

- Built-in WiFi Control – with the PoolSync antenna embedded, no extra equipment is needed, it's ready to connect right out of the box
- Adjust heating, cooling, and autotemp modes via the PoolSync® app
- Enables remote diagnostics, instant performance updates and quick troubleshooting
- Monitors operation in real-time and ensures reliable performance year-round

## Upgrade to Full Automation

- Pair with the PoolSync Relay Center to connect and manage all the equipment on your pool pad effortlessly, simplifying your pool care experience

Free heat is taken from outside air and transferred to the pool water.

### A HEAT PUMP DOESN'T BURN ENERGY TO CREATE HEAT.

It only uses a small amount of energy to transfer **FREE** heat from the air to the pool.

The only heat pump that allows you to maximize the potential savings of a variable speed pump is an AquaCal®. Our patented **ThermoLink®** Titanium Heat Exchanger's unique flow characteristics allow you to run the pump at lower RPMs, ultimately saving you money.

This patented hydraulic design adds only 2 PSI at 45 gpm, increasing compatibility with two-speed & variable speed pumps.



Heat a pool for about 25% of the cost of heating it with gas



Over 400,000 happy customers worldwide



Perfect temperature always with Heat and Cool modes



Heat pumps are green and have virtually no effect on your carbon footprint