

UNIT SPECIFICATIONS

		T70	T100	T130
BTUs <small>(water temp/ambient air/ relative humidity)</small>	80/80/80 Boost Mode	63,000	108,000	123,000
	80/80/63 Boost Mode	60,000	104,000	112,000
	80/50/63 Boost Mode	26,000	46,500	63,000
kW	kW Output	18.5 - 7.6	31.7 - 13.6	36.0 - 18.5
C.O.P. Coefficient of Performance <small>(water temp/ambient air/ relative humidity)</small>	80/80/80 Boost Mode	5.4	5.0	5.7
	80/80/63 Boost Mode	5.1	4.8	5.4
	80/50/63 Boost Mode	4.0	4.2	4.2
	80/80/80 Eco Mode	10.8	10.1	10.8
Refrigerant		R32	R32	R32
Electrical	Heat or Heat and Cool	H & C	H & C	H & C
	kW Input	3.4	6.3	6.3
	Voltage/Hz/Phase	230V/60Hz/1	230V/60Hz/1	230V/60Hz/1
	Min Circuit Ampacity	13.1	27.3	27.4
	Max Time Delay Fuse (Breaker)	20	40	40
Water Flow	Min./Max. (gpm)	20/60	30/70	30/70
	<small>Exceeding the maximum flow rate required a bypass. Damage due to excessive water flow will void warranty.</small>			
Physical	Weight	139 lbs / 63 kg	207 lbs / 111 kg	271 lbs / 123 kg
	Length x Width x Height (in)	43" x 19" x 28"	47" x 21" x 35"	46" x 21" x 47"
	Length x Width x Height (cm)	110 x 48 x 72	120 x 54 x 89	117 x 54 x 120
Shipping	Weight	158 lbs / 72 kg	245 lbs / 111 kg	315 lbs / 143 kg
	Length x Width x Height (in)	44" x 20" x 35"	48" x 22" x 42"	47" x 22" x 54"
	Length x Width x Height (cm)	112 x 51 x 90	122 x 56 x 107	120 x 56 x 137

Approval for all regulatory compliance certifications are pending. Specifications subject to change.

California residents visit aquacal.com for Proposition 65 information.



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



TROPICAL[®]

INVERTER technology
for **RELIABLE**, efficient
and sustainable
HEATING & COOLING



AI-64 11_25_V6

GET THE MOST OUT OF YOUR POOL HEATING INVESTMENT!

Reduce cost by up to 70% with consistent temperature control.



Control your heating in silence with this full inverter technology heat pump.

Thanks to its **exclusive intelligent control system**, the TropiCal heat pump **regulates** its output according to the water temperature, but also according to the ambient temperature, to always ensure the **right swimming temperature, the best Coefficient of Performance (COP) and the lowest noise level!**



Touch Screen

High definition 4" display



Quiet Operation

Minimal noise, with sound levels as low as 33 dB



Multilingual Interface

English, Spanish, French, German and Dutch



Recycled Material

70% recycled ABS with anti-UV treatment



Certified noise levels
Independent testing laboratory

PoolSync® Technology

- 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

Full Inverter Technology

- The advanced compressor assembly, fan motor, and Electronic Expansion Valve (EEV) operate seamlessly together, driven by an intelligent controller for optimal energy efficiency and peak performance.
- Inverter heat pumps can reduce heating and cooling costs by up to 70% by maintaining a steady temperature without frequent on-off cycling.
- Choose from Eco, Smart, and Boost—ensuring the perfect environment for any condition.



ECO MODE

Quietest & most energy efficient mode



SMART MODE

Auto adjusts to maintain desired temperature



BOOST MODE

Max output for quickest heating

Robust Yet Compact Design

- Light weight allows for easy transport to any site and one-person installation
- Minimum breaker size as small as 20 amps, no need for expensive electrical upgrades
- Small footprint, perfect for limited spaces

Reliable Heating & Cooling

- Cools your pool to a refreshing temperature
- Efficiently extract more heat from the air compared to single-speed models, making them ideal for colder climates

Intuitive Navigation

Manage settings and easily access all system information



Alarm display, diagnosis and solution



History access (last 50 events)



Lockable screen to prevent undesired changes