



# Summit

HEAT PUMP HEATER



HEATING



Total System: Pumps | Filters | **Heating** | Cleaners | Sanitization | Automation | Lighting | Safety

# Summit, excellence in pool heat pump heaters

Hayward® has developed innovative products that combine the finest electric and mechanical components in the industry, decreasing energy consumption and reducing running costs. Summit pool heaters offer a multitude of characteristics that place them well beyond industry standards.



## Thermostatic expansion valve

Protects the compressor and supplies exactly the right amount of refrigerant to obtain optimal performance, regardless of outdoor temperature.



## Electronic temperature control

Ensures constant temperature and energy savings while controlling the water temperature to within 0.5°F.

This technology relies on the efficiency of the Scroll compressor, our exclusive soundproofing and the swept-wing fan blade.



## Titanium heat exchanger

Offers high resistance to chemical products while ensuring an excellent heat exchange. Titanium is also very resistant to rust. Guaranteed for 10 years.

## Plastic cabinet

Anti-corrosive and very attractive, it is designed to withstand a harsh climate for many years.





# Summit product specifications

Summit offers a wide range of high-quality products that exceed industry standards, are made of the finest components on the market and ensure unparalleled performance.

Summit Heat Pump	SUM25TA 230V	SUM3TA 230V	SUM4TA 230V	SUM5TA 230V	SUM8TA 230V
BTU Heating Performance					
80°F ambient air, 80°F water, 80% Relative Humidity **	50,000	65,000	80,000	110,000	140,000
80°F ambient air, 80°F water, 63% Relative Humidity *	43,000	62,000	76,000	107,000	130,000
50°F ambient air, 80°F water, 63% Relative Humidity *	31,000	43,000	53,000	76,000	85,000
Coefficient of Performance (C.O.P.)					
80°F ambient air, 80°F water, 80% Relative Humidity **	5.4	6.0	6.0	6.0	6.0
80°F ambient air, 80°F water, 63% Relative Humidity *	5.2	5.7	5.7	5.8	5.7
50°F ambient air, 80°F water, 63% Relative Humidity *	3.7	4.0	4.0	4.1	4.1
Compressor Type	Rotary	Scroll	Scroll	Scroll	Scroll
Refrigerant	R-410A	R-410A	R-410A	R-410A	R-410A
Heat Exchanger	Titanium/PVC	Titanium/PVC	Titanium/PVC	Titanium/PVC	Titanium/PVC
Digital Electronic Control	Yes	Yes	Yes	Yes	Yes
Double Thermostat (pool and spa)	Double	Double	Double	Double	Double
Breaker Maximum Required	20	40	60	60	60
Breaker Minimum Required	20	30	40	40	50
Connecting Pipe	2"	2"	2"	2"	2"
Water Flow Rate (GPM)	30 to 80	30 to 80	30 to 80	30 to 80	30 to 80
Dimensions (inches)	L:29 W:30 H:34	L:37 W:30 H:34	L:37 W:30 H:34	L:37 W:30 H:34	L:44 W:30 H:34
Weight (lbs)	161	186	205	237	268

\* BTU and COP Ratings in Accordance with AHRI-1160 Performance Test Standard

\*\* BTU and COP Ratings Outside the Scope of AHRI-1160 Performance Test Standard

**AHRI**

(AIR-CONDITIONING, HEATING &  
REFRIGERATION INSTITUTE)

THIS ORGANIZATION CERTIFIES THAT  
HAYWARD (SUMMIT) PUBLISHES THE ACTUAL  
BTU OF THEIR PRODUCTS UNDER CONDITIONS  
COMPARABLE AGAINST OTHER MANUFACTURER  
MEMBERS OF THIS ORGANIZATION.

FEW OTHER CANADIAN MANUFACTURERS ARE  
MEMBERS OF THIS ORGANIZATION.



**WARRANTY**



**MODEL 50,000 BTU AND LESS**

1 year parts and labour  
5 years on the compressor  
5 years on Titanium tubing

**WARRANTY**



**MODEL 65,000 BTU AND MORE**

2 years parts and labour  
5 years on the compressor  
10 years on Titanium tubing

## Models for In-Ground Pools

Dimensions (in)	Surface (in <sup>2</sup> )	Litres	Gallons (US)	Recommended Model(s)
12 x 24	288	45 460	11 900	SUM3TA
14 x 28	392	61 323	16 200	SUM3TA-SUM4TA
15 x 30	450	70 092	18 500	SUM4TA-SUM5TA
16 x 32	512	79 871	21 100	SUM5TA
18 x 36	648	102 285	26 700	SUM5TA-SUM8TA
20 x 40	800	124 918	33 000	SUM8TA

## Models for Above Ground Pools

Dimensions (in)	Surface (in <sup>2</sup> )	Litres	Gallons (US)	Recommended Model(s)
12	113	12 811	3 389	SUM25TA
15	177	19 684	5 200	SUM25TA
18	254	28 769	7 600	SUM25TA-SUM3TA
21	346	39 368	10 400	SUM25TA-SUM3TA
24	452	51 102	13 500	SUM3TA-SUM4TA
27	573	65 108	17 200	SUM3TA-SUM4TA
12 x 24	288	32 635	8 633	SUM25TA-SUM3TA
15 x 30	450	50 993	13 490	SUM3TA-SUM4TA
16 x 32	512	58 000	15 343	SUM3TA-SUM4TA
18 x 33	594	67 288	17 801	SUM4TA-SUM5TA

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