



Summit

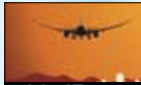
HEAT PUMP

HEATING



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.



120 dB

Jet takeoff



100 dB

Chain saw



80 dB

Clock dial



70 dB

Vacuum



60 dB

Normal conversation



30 dB

Whisper

Hayward Heat Pumps are

Extremely Quiet

55 dB

Virtually silent from a few meters away!



The hot gas defrost valve allows operation at low ambient temperatures. Available on 50,000 BTU models only.



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	*Hot Gas Defrost				
	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)	23-25 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

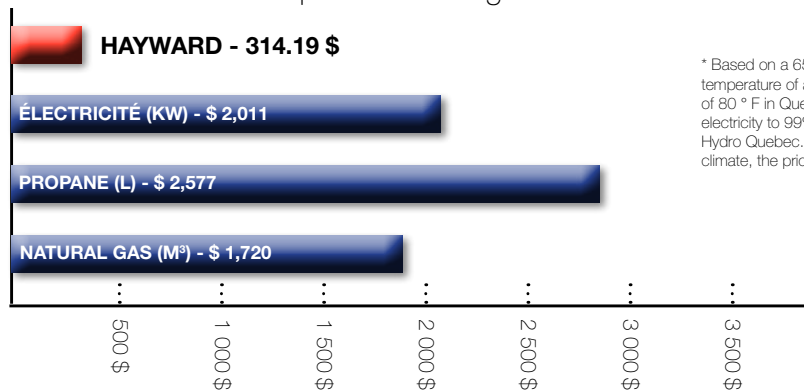
In Ground Models

Dimensions (pi)	Surface (pi²)	Litres	Gallons (US)	Modèle(s) recommande(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

Above Ground Models

Dimensions (pi)	Surface (pi²)	Litres	Gallons (US)	Modèle(s) recommande(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	SUM3TA - SUM4TA
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

Comparitive Heating Costs



* Based on a 65 000 BTU of heat with an inground pool 14' x 28' at a temperature of air at 80 ° F, humidity at 62% and a water temperature of 80 ° F in Quebec. Comparison based on a cost of \$ 0.065 kWh of electricity to 99% efficiency according to the rates of April 2010 from Hydro Quebec. The total cost may vary depending on the outdoor climate, the price of electricity and use the heat pump.

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