

PREMIUM POOL HEAT PUMP MODELS

Extend your swimming & spa season with THERMEAU®'s Premium residential pool heaters. Our full range of top-of-the-line products exceeds industry standards and brings you the best components on the market. For matchless performance, go THERMEAU!

WITH OUR TOP-OF-THE-LINE THERMEAU POOL & SPA HEATER, YOU CAN:

- Extend your swimming and spa season thanks to THERMEAU's innovative defrosting system.
- Heat your pool & spa faster, keeping temperatures optimal at all times.
- Install a pool & spa almost anywhere: the THERMEAU pool heat pumps were designed and built for the harsh Canadian winters!

The THERMEAU Premium heat pump was designed for the harsh winters of Quebec!

Choose between one of our top-performing Premium models in the table below. See further down the page for the complete features & specifications.



PREMIUM MODELS SELECTION FOR IN-GROUND POOLS

Dim. (ft.)	Surface (ft. ²)	Liters	Gallons US	GOOD	BETTER	BES
12 x 24	288	45,460	11,900	P65	P65	P65
14 x 28	392	61,323	16,200	P65	P85	P85
15 x 30	450	70,092	18,500	P105	P105	P105
16 x 32	512	79,871	21,100	P105	P105	P125
18 x 36	648	102,285	26,700	P125	P125	P140B
20 x 40	800	124,918	33,000	P140B	P140B	P140B

A ROBUST & RELIABLE PRODUCT LINE!

THERMEAU PREMIUM MODELS SPECIFICATIONS

Operating Specifications	P65	P85	P105	P125	P140B
Volts	230	230	230	230	230
Hertz	60	60	60	60	60
Phase	1	1	1	1	1
Compressor amps	12.4A	17.2A	23.2A	24.3A	27.3A
Heat exchanger	Titanium / PVC	Titanium / PVC	Titanium / PVC	Titanium / PVC	Titanium / PVC
Fan motor max. load amps	2.4A	2.4A	2.4A	2.4A	2.4A
Fan motor HP	1/3	1/3	1/3	1/3	1/3
Fan motor speed	825 RPM	825 RPM	825 RPM	825 RPM	825 RPM
Minimum circuit ampacity	30 A	30 A	40 A	42.5 A	42.5 A
Maximum fuse	40 A	50 A	60 A	60 A	60 A
Compressor	Scroll	Scroll	Scroll	Scroll	Scroll

Test Performances	P65	P85	P105	P125	P140B
80F amb, 80F water, 80% RH*	64.000 BTU/Hr	85.000 BTU/Hr	105.000 BTU/Hr	121.000 BTU/Hr	133.000 BTU/Hr
COP	6.3	6	6	5.5	6
80F amb, 80F water, 63% RH*	60.000 BTU/Hr	80.000 BTU/Hr	100.000 BTU/Hr	116.000 BTU/Hr	126.000 BTU/Hr
COP	6.1	5.8	5.8	5.3	5.8
50F amb, 80F water, 63% RH*	40.000 BTU/Hr	58.000 BTU/Hr	70.000 BTU/Hr	80.000 BTU/Hr	87.000 BTU/Hr
COP	4	4	4	4	4

* Tests performed with the AHRI 1160 standard.

	P65	P85	P105	P125	P140B
Defrost	Hot gas	Hot gas	Hot gas	Hot gas	Hot gas
Refrigerant	R-410A	R-410A	R-410A	R-410A	R-410A
Optimal water flow rate (GPM)	30	35	40	55	60
Max. water flow rate (GPM)	100	100	100	100	100
Max. water temperature	104F	104F	104F	104F	104F
Net Weight (lbs)	225	230	230	245	265
Shipping Weight (lbs)	270	275	275	290	310
Dimensions (in.)	H:34 L:33 D:39	H:34 L:33 D:39	H:34 L:33 D:39	H:34 L:33 D:39	H:34 L:33 D:39
Shipping dimensions (in.)	H:39 L:35 D:44	H:39 L:35 D:44	H:39 L:35 D:44	H:39 L:35 D:44	H:39 L:35 D:44

* Tests performed with the AHRI 1160 standard.

THE COEFFICIENT OF PERFORMANCE (COP)

The Coefficient of Performance (COP) of a pool heater is given as the relationship between the quantity of heat produced and the amount of energy consumed. It's the capacity to extract energy molecules from the air and convert them into energy that can be used to heat your pool. Measured at an ambient temperature of 26.6°C (80°F), THERMEAU heaters generate a COP of 6, meaning **that they produce 6 times more energy than they consume.**