THERMEAU®
POOL HEAT PUMPS

PREMIUM

Extend your swimming & spa season with THERMEAU®'s residential heaters.

Enjoy the ultimate swimming experience with THERMEAU®'s smart pool heating.

PREMIUM

Increase the value of your pool and spa with THERMEAU®.

Invest in comfort and extend your season with THERMEAU®'s PREMIUM residential heat pump. PREMIUM has been designed specifically for home owners looking for optimal pool and spa temperatures, regardless of the time of day or year, as well as low energy bills and maintenance costs.

PREMIUM is based on our sophisticated and renowned technology that is used in outdoor commercial pools across North America. You'll gain peace of mind knowing that you are getting the very best in performance and reliability.

THE THERMEAU® ADVANTAGE

- Unequalled energy efficiency
- Triple-action sound barrier
- High-precision electronic temperature control
- Quick and easy installation
- Minimal and efficient maintenance
- Ultra-high-performance components

AHRI CERTIFIED®
www.ahridirectory.org
Heat Pump Pool Heaters
AHRI Standard 1160

We're certified AHRI. And we mean business.

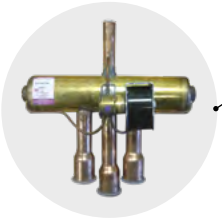
Because real energy efficiency can be proven.

Five more reasons why you should care about AHRI certification

The Air-Conditioning, Heating and Refrigeration Institute (AHRI) is the only independent American organization today to conduct rigorous tests in the heating, ventilation, air conditioning and refrigeration sector (HVAC-R). AHRI members willingly submit their equipment to the institute to ensure that they meet the highest energy efficiency standards in the industry. What more could you ask for?

1. Recognized around the world
2. An unwavering commitment to quality and performance
3. Reliability and accuracy that are second to none
4. The highest energy efficiency performance on the market
5. Energy savings that can't be found anywhere else

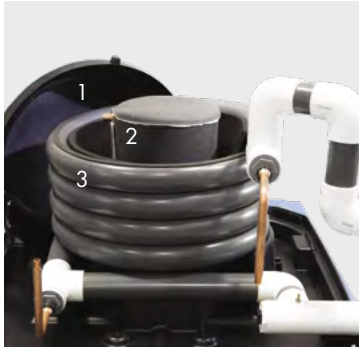
Premium-quality components.
Ingenious design.
Outstanding performance.



Reversible defrosting system to extend your pool & spa season

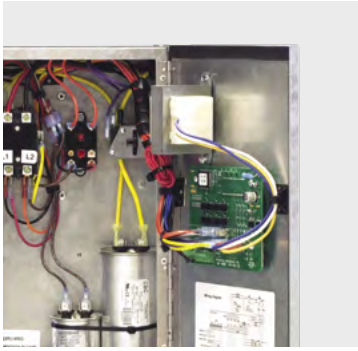
Copeland scroll compressor

- The best scroll compressor in the industry
- Unmatched reliability and durability in any climate and in all weather conditions
- The quietest system on the market
- Impressive combination of performance and energy savings
- Quality components that require little maintenance



Ultra-silent pool heating thanks to its triple-action **sound barrier system**.

3 TRIPLE ACTION SOUND BARRIER SYSTEM



Electronic **temperature control** with auto-diagnostic features

Rifled **titanium tube** increases the exchange surface for better heat transfer. Extremely robust, it withstands the pool's chemical products.

P55 - P65 - P85
P105 - P125 - P140B

Two-inch union at the front of the heat pump for easy installation.

A renowned warranty program you can trust

THERMEAU®'s products not only exceed the industry's highest standards but also come with a rock-solid warranty program to give you added peace of mind. What's more: benefit from outstanding customer and after-sales service that is second to none.

GARANTIE 5 Ans Years WARRANTY

5-year warranty on labor

GARANTIE 5 Ans Years WARRANTY

5-year warranty on parts

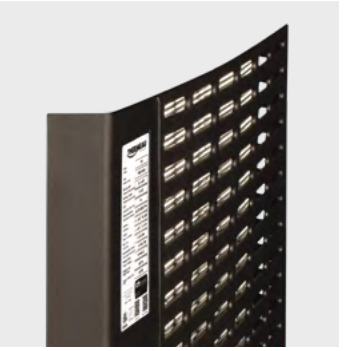
GARANTIE 10 Ans Years WARRANTY

10-year limited warranty on our heat exchanger

Large, quiet ventilation system with a brilliantly designed profiled blade that improves airflow and minimizes noise

Direct flow union drains water caused by condensation. No more wet pavement!

Lockable panel that secures the system's configuration and protects it from bad weather



Removable protective grille for easy cleaning and maintenance.

Innovate.
Test.
Outperform.

THERMEAU® installed our very own thermodynamic laboratory to improve the quality and energy efficiency of our products. In the lab, THERMEAU®'s team of specialists can accurately reproduce every climate condition that our products are likely to encounter. We constantly test, measure and improve our products' performance levels so that you can always take advantage of the latest innovations in pool and spa temperature control.

We pull out all the stops to offer you the very best solutions on the market, including ahead-of-the-curve production methods, rigorous quality control, next-generation components, superior energy efficiency, and attractive and durable finishes.

UNRIVALLED ENERGY EFFICIENCY

Did you know that a high-performance heat pump model can generate more heat—without causing a spike in energy costs? Tested at an ambient temperature of 27 °C (80 °F), THERMEAU®'s products generate a Coefficient of Performance (COP) up to 6, which means they **produce up to 6 times more energy than they consume**.

6 COP*

* Generate a Coefficient of Performance (COP) up to 6, which means they produce up to 6 times more energy than they consume.

Features

Choose between one of our top-performing models.

OPERATING SPECIFICATIONS	P55	P65	P85	P105	P125	P140B
Volts	230	230	230	230	230	230
Hertz	60	60	60	60	60	60
Phase	1	1	1	1	1	1
Compressor amps	11.05A	12.4A	17.2A	23.2A	24.3A	27.3A
Heat exchanger	Titanium / PVC	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	2.4A
Fan motor HP	1/3	1/3	1/3	1/3	1/3	1/3
Fan motor speed	825 RPM	825 RPM	825 RPM	825 RPM	825 RPM	825 RPM
Minimum circuit ampacity	30 A	30 A	30 A	40 A	42,5 A	42,5 A
Maximum fuse	40 A	40 A	50 A	60 A	60 A	60 A
Compressor	Copeland scroll	Copeland scroll	Copeland scroll	Copeland scroll	Copeland scroll	Copeland scroll
TEST PERFORMANCES						
80F amb, 80F water, 80% RH	51,000 BTU/Hr	64,000 BTU/h	85,000 BTU/h	105,000 BTU/h	121,000 BTU/h	133,000 BTU/h
COP	5.6	6.3	6	6	5.5	6
80F amb, 80F water, 63% RH	49,000 BTU/Hr	60,000 BTU/h	80,000 BTU/h	100,000 BTU/h	116,000 BTU/h	126,000 BTU/h
COP	5.4	6.1	5.8	5.8	5.3	5.8
50F amb, 80F water, 63% RH	34,000 BTU/Hr	40,000 BTU/h	58,000 BTU/h	70,000 BTU/h	80,000 BTU/h	87,000 BTU/h
COP	4	4	4	4	4	4
Defrost	Hot gas	Hot gas	Hot gas	Hot gas	Hot gas	Hot gas
Refrigerant	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
Optimal water flow rate (GPM)	30	30	35	40	55	60
Max. water flow rate (GPM)	100	100	100	100	100	100
Max. water temperature	104F	104F	104F	104F	104F	104F
Net Weight (lbs)	215	225	230	230	245	265
Shipping Weight (lbs)	260	270	275	275	290	310
Dimensions (in.)	H: 34 L:33 P:39	H: 34 L:33 P:39	H: 34 L:33 P:39	H: 34 L:33 P:39	H: 34 L:33 P:39	H: 34 L:33 P:39
Shipping dimensions (in.)	H: 39 L:35 P:44	H: 39 L:35 P:44	H: 39 L:35 P:44	H: 39 L:35 P:44	H: 39 L:35 P:44	H: 39 L:35 P:44

Models for above-ground pools

Dimensions (ft.)	Surface (ft.²)	Liters	Gallons US	GOOD	BETTER	BEST
12	113	12,811	3,389	P55	P55	P55
15	177	19,684	5,200	P55	P55	P55
18	254	28,769	7,600	P55	P55	P65
21	346	39,368	10,400	P55	P65	P65
24	452	51,102	13,500	P65	P85	P105
27	573	65,108	17,200	P85	P105	P125
12 X 24	288	32,635	8,633	P65	P65	P65
15 X 30	450	50,993	13,490	P65	P85	P105
16 X 32	512	58,000	15,343	P65	P85	P105
18 X 33	594	67,288	17,801	P85	P105	P125

Models for in-ground pools

Dimensions (ft.)	Surface (ft.²)	Liters	Gallons US	GOOD	BETTER	BEST
12 X 24	288	45,460	11,900	P55	P65	P65
14 X 28	392	61,323	16,200	P65	P85	P85
15 X 30	450	70,092	18,500	P85	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

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CONTACT US
for a dealer near you

thermeau.com

Made In Canada