

ENJOY THE ULTIMATE SWIMMING EXPERIENCE ANY TIME OF DAY OR YEAR WITH THERMEAU®'S SMART POOL HEATING.







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

Invest in comfort all year long with THERMEAU®'s SIGNATURE residential heat pump. SIGNATURE 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.

SIGNATURE is based on our sophisticated and renowned technology that is used in outdoor residential 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

### 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
- Energy savings that can't be found anywhere else





# Premium-quality components. Ingenious design. Outstanding performance.





#### 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**.



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.



#### S105 - S125 - S140B



**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.



2-year warranty on labor



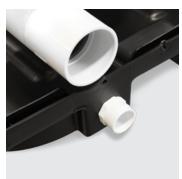
7-year warranty on parts



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.



## **Features**

Choose between one of our top-performing models.

OPERATING SPECIFICATIONS	\$105	\$125	<b>S140B</b> 230	
Volts	230	230		
Hertz	60	60	60	
Phase	1	1	1	
Compressor amps	23.2A	24.3A	27.3A	
Heat exchanger	Titanium / PVC	Titanium / PVC	Titanium / PVC	
Fan motor max. load amps	2.4A	2.4A	2.4A	
Fan motor HP	1/3	1/3	1/3	
Fan motor speed	825 RPM	825 RPM	825 RPM	
Minimum circuit ampacity	40 A	42.5 A	42.5 A	
Maximum fuse	60 A	60 A	60 A	
Compressor	Scroll	Scroll	Scroll	
TEST PERFORMANCES				
80F amb, 80F water, 80% RH	105,000 BTU/h	121,000 BTU/h	133,000 BTU/h	
COP	6	5.5	6	
80F amb, 80F water, 63% RH	100,000 BTU/h	116,000 BTU/h	126,000 BTU/h	
COP	5.8	5.3	5.8	
50F amb, 80F water, 63% RH	70,000 BTU/h	80,000 BTU/h	87,000 BTU/h	
COP	4	4	4	
Defrost	Air	Air	Air	
Refrigerant	R-410A	R-410A	R-410A	
Optimal water flow rate (GPM)	40	55	60	
Max. water flow rate (GPM)	100	100	100	
Max. water temperature	104F	104F	104F	
Net Weight (lbs)	230	245	265	
Shipping Weight (lbs)	275	290 310		
Dimensions (in.)	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	

## Models for in-ground pools

Dimensions (ft.)	Surface (ft.²)	Liters	Gallons US	GOOD	BETTER	BEST
12 x 24	288	45,460	11,900	S105	S105	S105
14 X 28	392	61,323	16,200	S105	S105	S105
15 X 30	450	70,092	18,500	S105	S105	S105
16 X 32	512	79,871	21,100	S105	S105	S125
18 X 36	648	102,285	26,700	S125	S125	S140B
20 X 40	800	124,918	33,000	S140B	S140B	S140B

<sup>\*</sup> Also available in S65 - S85. Contact us for more information.





