Heat Pumps - 110,000 BTU Pool-Spa Heat Pump, 28,000 Gal

Item PRO1100AHN

PRODUCT DESCRIPTION

Extend the swimming pool and spa season with Intermatic AHN and Traditional Series Heat Pumps. Intermatic heat pumps offer high-efficiency ratings and are designed for long-lasting performance. The series features Optimizer self-diagnostics, which alerts users when hydraulic levels are created that dramatically increase the cost of operation of the heat pump. Key features include titanium heat exchangers, silent scroll compressor technology, rugged UV-resistant housings, PVC slip fittings for simple installation, and an easy-to-use digital thermostat.

FEATURES

- Includes vexed commercial-grade, corrosion-resistant titanium heat exchangers. Stands up to the pools chemical products.
- Built-in diagnostic indicator light alerts users to abnormal operating conditions, extending the unit's service life while reducing operating costs and service calls
- Energy efficient heat pump technology. AHRI Certified for performance.
- High temperature lock out feature.
- Reliable long-lasting Copeland Scroll Compressor
- Automation ready – compatible with remote system controllers.
- Built-in quiet fan technology promotes low operating noise
- Durable UV-resistant condenser unit design.
- Fadeproof thermoplastic housing protects from rust and impact damage
- Easy-to-use digital touchscreen control.

APPLICATIONS

- Above Ground and In-Ground Pool and Spa

TECHNICAL DATA

General	
Model Number	PRO1100AHN
Description	110,000 BTU Pool-Spa Heat Pump, 28,000 Gal
UPC Code	816965011773
Brand	Intermatic
Country of Origin (Intermatic)	U.S.A.
Warranty Continental US (Labor)	1-Year limited
Warranty Continental US (Compressor)	5-Year limited
Warranty Continental US (Heat Exchanger)	Lifetime limited
Warranty Continental US (Parts)	2-Year limited
Warranty FL (Compressor)	5-Year limited
Warranty FL (Heat Exchanger)	Lifetime limited
Warranty FL (Labor)	2-Year limited
Warranty FL (Parts)	7-Year limited

Dimensions	
Product Dimensions (H x W x D) in	39 x 35 x 35 in

Material Specifications	
Color	Black

Electrical Specifications

© 09/22/2025

Input Voltage Range(s)	208-230 VAC
Operating Current	26 A
Hz	60
Recommended Circuit Breaker	40 A

Packaging

Unit Carton Dimensions (H x W x L) in	45.5 x 45.5 x 38 in

Operating Specifications

Compressor Type	Scroll
Heat Exchanger	Titanium
Ideal for Pools Up to (Gallons)	28,000
Min GPM (Gallons per minute)	25
Max GPM (Gallons per minute)	80
Recommended Water Flow GPM	45-55
Remote Compatibility	2 & 3-Wire
Temperature Control	Digital
Cooling Mode Option	No

Environmental Specifications

Refrigerant	R410A

Standards and Certifications

Other Certifications and Compatibilities	AHRI 1160; cETLus; Green Energy
California Proposition 65	Lead
RoHS Certification	X
BTU (AHRI 1160 - 50F air 80F water 63% RH)	74,000
BTU (AHRI 1160 - 50F air 80F water 63% RH) COP	4
BTU (AHRI 1160 - 80F air 80F water 63% RH)	104,000
BTU (AHRI 1160 - 80F air 80F water 63% RH) COP	5.3
BTU (AHRI 1160 - 80F air 80F water 80% RH)	110,000
BTU (AHRI 1160 - 80F air 80F water 80% RH) COP	5.5

Technical specifications and other information are subject to change without notice. Images can vary from original.

ACCESSORIES

GRPBLANKEXTCONTBRDASBLY
Blank AHN Control Board Assembly

GRPCDT
AHN and Traditional Heat Pump Control Board Assembly Touch Display

GRP8AHHE
Heat Exchanger - 800 Series