

HYDR ROYAL



PERFORMANCE **TOP RATED** EFFICIENCY



AHRI CERTIFIED™
www.ahridirectory.org

WWW.HYDROROYAL.COM



HYDROR ROYAL



Features:

Performance and Efficiency

- Super Sized Evaporator Coil**
- 100% Full Flow Titanium Turbo Heat Exchanger**
- Ultra-Quiet 825rpm Fan Motor**
- Thermal Expansion Valve**
- Chill Buster (optional) ***

Intelligent Control and Design

- Sensible Automation**
- Solar Ready Differential Control**
- Advanced Diagnostic LCD Display**
- Even Heat**
- Triple Thermostat**
- Durable ABS Cabinet**

State of the Art Manufacturing

- Helium (He) Testing**
- Mass Flow Charging**
- Interlocked testing Stations**
- Final Run Test**

Benefits:

This is where efficiency begins (4 sided design)
Higher Performance in colder weather
Largest in the Industry

100% Titanium
Turbo design for maximum heat transfer into your pool
All 2" plumbing to maintain efficient full water flow

Ultra-Quiet and efficient operation only 56db

Refrigerant regulated for maximum efficiency in all types of weather

Reverse Gas defrost allows heating in conditions below freezing
Units can also cool the pool

Capable of automating your pool/spa combo
Controls valves and thermostat operation
Compatible with all external automation

Automate your solar pool heating for the perfect hybrid system
Maximizes efficiency and control

Notifies you of potential service issues in real words –not codes
Back lit display, multiple languages, and digital lockout standard

Override the timer to maintain your desired temperature anytime

Individual controls for pool, spa and solar thermostats

Rattle free. Rust proof. UV protected for lifetime durability

Factory leak detection 100 times more accurate than our competitors
ensuring optimized performance

Computerized refrigerant filling with no human error
Accurate to 1/100th of an ounce ensuring each unit is "Perfect"

Computerized quality control testing process can't be bypassed

Tests every component, in every unit, every time
A "Perfect" unit every time for the ultimate piece of mind

UNIT SPEC	HR-110	HR-125 *	HR-150 *
BTU/COP AHRI High Test Point (80/80/80)	110,000/6.2	122,000/6.1	136,000/6.0
Low Test Point (50/63/80)	66,000/4.1	74,000/4.1	85,000/4.0
Min Amps/Max Breaker	37/40	37/50	37/50
Weight (Shipping)	218 LBS (253 LBS)	237 LBS (267 LBS)	238 LBS (270 LBS)
Dimensions (Shipping)	31x31x38 (33x31x43)	31x31x42 (33x31x47)	31x31x42 (33x31x47)



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