

AN ECO SELECT® BRAND PRODUCT



As the global leader in pool and spa equipment manufacturing, we strive to provide greener choices for our customers. We hope you'll join us in embracing more eco-friendly poolscapes by choosing Eco Select brand products for your swimming pool.

Smart,
sustainable
solutions.
FOR LIFE.



Singapore | Philippines | Thailand | pentair.com

- 390 Havelock Road, #04-01 King's Center, Singapore 169662
- 5th Floor Maia Suites, 1747 Nicanor Garcia St. corner D. Oliman St., Makati City, Philippines
- 33/4 The Ninth Towers Grand RAMA 9 (Tower B) 16th Floor, Rama 9 Road, Huaykwang, Bangkok, Thailand 10310

- +65 6768 5800
- +632-824-3825
- +662 1681092

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ULTRATEMP HXi

INVERTER HEAT PUMP

BEST OF POWER & EFFICIENCY.

Pentair UltraTemp HXi heat pumps are equipped to automatically adjust performance to provide the optimal balance of heating power and efficiency. Just select your desired pool temperature on the crystal clear LCD display and the UltraTemp's onboard AI will do the rest.



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PENTAIR ULTRATEMP HXi HEAT PUMPS

BEST OF POWER & EFFICIENCY.

With today's record energy costs, there's never been a better time to invest in an energy-efficient heat pump. Compared to gas or electric element heaters, UltraTemp® HXi Inverter Heat Pumps use just a fraction of the energy to generate the same amount of heat. That means more comfortable water temperatures and longer swimming seasons for you and your family.

PENTAIR ULTRATEMP HEAT PUMP FEATURES:

- ▶ Pentair heat pumps transfer heat from the air into the pool using only a fraction of the energy required to heat the pool directly.
- ▶ The UltraTemp HXi heat pump offers best in class efficiency with COP (coefficient of performance) ratings far in excess of standard heat pumps.
- ▶ The UltraTemp HXi heat pumps feature variable speed compressors and fan motors (full inverter). These operate at reduced speed when full power is not required, cutting electricity costs and noise.
- ▶ Pentair heat pumps use the EPA-recognized, environmentally safe, non-ozone depleting R32 refrigerant. This allows the UltraTemp HXi heat pump to be awarded the Eco Select® brand accolade for environmental responsibility.
- ▶ 100% titanium heat exchanger assures corrosion-free performance for extra long life and value.
- ▶ Full-colour, LCD touchscreen displays an intuitive, menu with easy to follow icons and messages.
- ▶ Self-diagnostic software continuously monitors system for peak performance.
- ▶ Thermostatic Expansion Valve (TXV) controls refrigerant flow and optimises efficiency over a wider operating temperature range.
- ▶ Automatic defrost feature senses refrigerant temperature and helps prevent the UltraTemp heat pump from freezing, allowing the unit to operate effectively at lower temperatures.
- ▶ Perfect companion to IntelliCenter® or EasyTouch® Control Systems—heat pump control can be transferred to a centralised control system that manages all your pool/spa operations and poolscape features.
- ▶ Horizontal heat pump - Side Fan design
- ▶ Easy barrel union plumbing connections.
- ▶ Market leading warranty.

eco select™



Features an intuitive coloured LCD touchscreen for clear and simple operation.

Quiet - 'Silent Mode' slows down the variable speed DC fan, reducing noise for whisper quiet operation.

Easy to Use - Colour LCD touchscreen makes set-up and operation clear and simple.

Powerful & Efficient - Inverter compressor gives you the power to heat up quick and efficiency to maintain.

Tough - UV resistant, rust-proof thermoplastic case.



Specifications

PENTAIR Side Fan Inverter Heat Pumps	UltraTemp Hxi 9kW	UltraTemp Hxi 12kW	UltraTemp Hxi 16kW	UltraTemp Hxi 20kW	UltraTemp Hxi 24kW	UltraTemp Hxi 28kW
Model	UTHP-9-HXi	UTHP-12-HXi	UTHP-16-HXi	UTHP-20-HXi	UTHP-24-HXi	UTHP-28-HXi
Function	Heating R			Cooling R		
Operating air temperature (°C)	(-7-43)					
Performance Condition (Ambient 27°C/Water 26°C in 28°C out/Humid. 80%)						
Capacity(kW)	2.3-9.0	2.5-12.0	3.1-16.0	3.70-20.0	6.5-24.3	7.1-28.2
Power input(kW)	0.16-1.41	0.18-1.90	0.22-2.54	0.27-3.08	0.45-3.74	0.49-4.41
COP	14.2-6.4	14.1-6.3	13.9-6.3	13.8-6.2	14.5-6.5	14.3-6.4
Performance Condition (Ambient 15°C/Water 26°C in 28°C out/Humid. 70%)						
Capacity(kW)	1.7-7.0	2.1-9.0	2.4-12.6	2.6-14.5	4.5-19.0	5.1-21.0
Power input(kW)	0.24-1.46	0.29-1.91	0.34-2.57	0.38-3.15	0.62-3.88	0.71-4.38
COP	7.2-4.8	7.1-4.7	7.0-4.6	6.9-4.6	7.3-4.9	7.2-4.8
Performance Condition (Ambient 35°C/Water 29°C in 27°C out/Humid. 41%)						
Capacity(kW)	3.15	3.75	5.61	7.85	8.93	11.78
Power input(kW)	1.4	1.58	2.2	3.18	3.43	4.44
EER	2.25	2.37	2.55	2.47	2.61	2.65
Technical Specifications						
Power Supply	230-240V / 50Hz & 60Hz					380V / 50Hz & 60Hz
Max current (A)	8.4	10.9	16.6	17.5	22	11
Compressor Type	Rotary Inverter					
Water flow (LPM)	53	66	86	100	141	158
Sound level (dBA)	39-50	41-52	42-53	43-54	44-55	45-56
Refrigerant	R32. 430g	R32. 480g	R32. 600g	R32. 670g	R32. 1150g	R32. 1350g
Height (mm)	625	625	775	855	855	855
Width (mm)	1015	1015	1025	1159	1159	1159
Length (mm)	425	425	475	520	520	520
Package Data						

Features

1. All the heat pumps above are with ABS front panel+metal back panel
2. 4.0-inches colorful display
3. Full DC inverter technology
4. High COP up to 14.5
5. Super silent design
6. CE certification
7. R32 gas
8. Smart App control with Wifi