



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.**



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# ULTRATEMP VXi

## INVERTER HEAT PUMP

BEST OF POWER & EFFICIENCY.

Pentair UltraTemp VXi 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.



# PENTAIR ULTRATEMP VXi 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® VXi 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 VXi heat pump offers best in class efficiency with COP (coefficient of performance) ratings far in excess of standard heat pumps.
- ▶ Pentair heat pumps use the EPA-recognized, environmentally safe, non-ozone depleting R32 refrigerant. This allows the UltraTemp VXi 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.
- ▶ Vertical heat pump - Top Fan design.
- ▶ Easy barrel union plumbing connections.
- ▶ Market leading warranty.



Features an intuitive coloured LCD touch-screen 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 Top Fan Inverter Heat Pumps	UTHP-13-VXi	UTHP-17-VXi	UTHP-20-VXi	UTHP-20T-VXi	UTHP-24-VXi	UTHP-24T-VXi	UTHP-28-VXi	UTHP-28T-VXi	UTHP-32T-VXi
Function	Heating ☑				Cooling ☑				
Operating air temperature (°C)	(-15~43)								
<b>Performance Condition (Air 27°C/Water 26°C/Humid. 80%)</b>									
Heating Capacity (kW)	3.5~13.5	3.8~17.5	5.2~20.6	5.2~20.6	6.2~24.0	6.2~24.0	8.5~28.0	8.5~28.0	10.4~32.0
Heating Capacity (Btu)	11900~40800	12920~59500	17680~70040	17680~70040	21080~81600	21080~81600	28900~95200	28900~95200	35360~108800
Consumed power (kW)	0.26~2.08	0.27~2.73	0.38~3.17	0.38~3.17	0.44~3.53	0.43~3.53	0.60~4.31	0.60~4.31	0.77~4.92
COP	13.5~6.5	13.8~6.4	13.6~6.5	13.6~6.5	14.2~6.8	14.5~6.8	14.2~6.5	14.2~6.5	13.5~6.5
<b>Performance Condition (Air 15°C/Water 26°C/Humid. 70%)</b>									
Heating Capacity (kW)	2.4~10.0	2.8~12.8	4.1~14.8	4.1~14.8	4.8~17.5	4.8~17.5	5.6~20.3	5.6~20.3	6.5~22.5
Heating Capacity (Btu)	8160~34000	9520~43520	13940~50320	13940~50320	16320~59500	16320~59500	19040~69020	19040~69020	22100~76500
Consumed power (kW)	0.32~2.13	0.37~2.78	0.55~3.29	0.55~3.29	0.64~3.65	0.64~3.65	0.71~4.14	0.71~4.14	0.88~5.00
COP	7.5~4.7	7.5~4.6	7.4~4.5	7.4~4.5	7.5~4.8	7.5~4.8	7.9~4.9	7.9~4.9	7.4~4.5
<b>Performance Condition (Air 35°C/Water 28°C/Humid. 35%)</b>									
Cooling Capacity (kW)	6.2	6.9	12.2	12.2	13.5	13.5	14.5	14.5	14.8
Cooling Capacity (Btu)	21154	23543	41626	41626	46062	46062	49474	49474	50498
Consumed Power (kW)	1.78	2.10	3.20	3.20	3.50	3.50	4.50	4.50	4.80
EER	3.48	3.29	3.81	3.81	3.86	3.86	3.22	3.22	3.08
<b>Technical Specifications</b>									
Power Supply	230V/1P/ 50Hz & 60Hz	230V/1P/ 50Hz & 60Hz	230V/1P/ 50Hz & 60Hz	380V/3P/ 50Hz & 60Hz	230V/1P/ 50Hz & 60Hz	380V/3P/ 50Hz & 60Hz	230V/1P/ 50Hz & 60Hz	380V/3P/ 50Hz & 60Hz	380V/3P/ 50Hz & 60Hz
Casing type	ABS								
Compressor	Panasonic Rotary/inverter								
Water Connection (mm)	50								
Fan Quantity	1								
Fan Speed (RPM)	500-750	500-750	500-750	500-750	600-800	600-800	600-800	600-800	600-800
Compressor quantity	1								
Sound Pressure 1m dB (A)	41-53	43-54	44-55	44-55	45-56	45-56	47-58	47-58	48-60
Advised Water Flow Volume (m <sup>3</sup> /h)	6.5	8	9.5	9.5	10.0	10.0	12.0	12.0	15.0
Water Pressure Drop (max) kPa	6.8	8.5	16.2	16.2	16.2	16.2	23.8	23.8	23.8
<b>Features</b>									
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				