



ULTRATEMP HXi INVERTER HEAT PUMP



FEATURES

- Full inverter heat pump with variable speed compressor and fan motor
- Wi-fi module included, compatible with app freely available on app store
- Silent running mode, for neighbourhood peace and quiet
- Energy efficiency among the highest in its class with COP ratings far in excess of standard heat pumps
- Titanium threaded heat exchanger
- Intuitive colour LCD touch screen
- Heats, cools and offers auto defrost



BEST OF POWER & EFFICIENCY

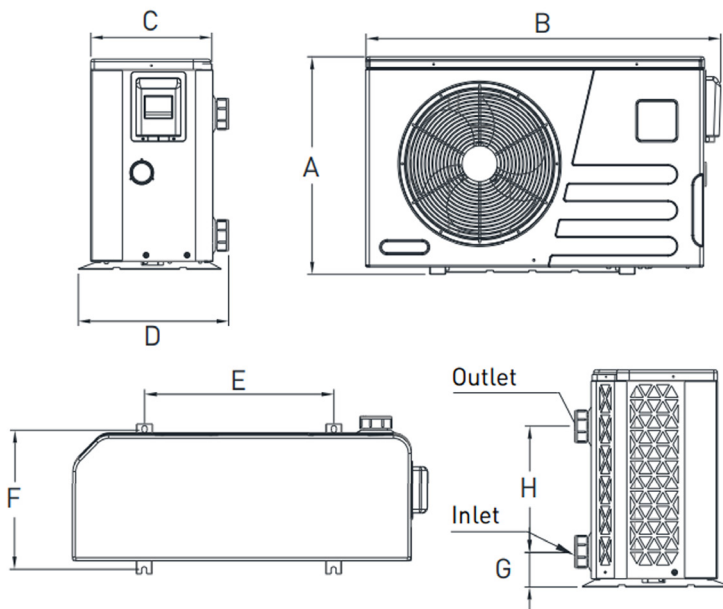
Pentair UltraTemp HXi heat pumps are equipped to automatically adjust performance to provide the optimal balance of heating power and efficiency. Just select your desired pool temperature on the crystal clear LCD display and the UltraTemp's onboard AI will do the rest.

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. In fact, under optimal conditions, \$1 worth of electricity produces \$14 worth of heat generated by other methods. That means more comfortable water temperatures and longer swimming seasons for you and your family.

ULTRATEMP HXi - Technical Data

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 corrosionfree 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
- Easy barrel union plumbing connections
- Market leading warranty
- Features an intuitive colours LCD touchscreen for clean and simple operation

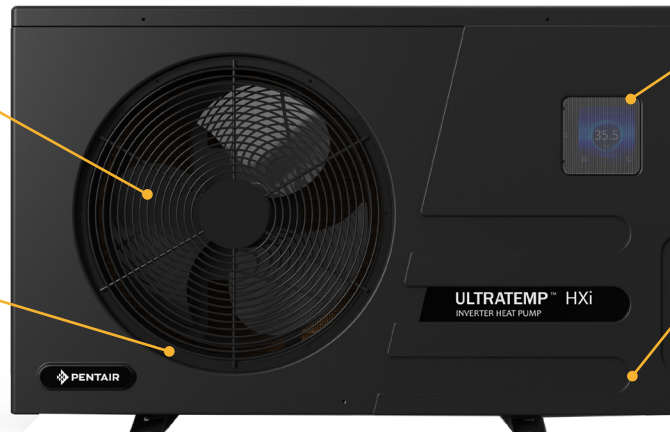


DIMENSIONS

Key	UTHP-9HXi, UTHP-12-HXi	UTHP-16-HXi	UTHP-20-HXi, UTHP-24-HXi UTHP-28-HXi
A	625 mm	775 mm	855 mm
B	1015 mm	1025 mm	1159 mm
C	350 mm	385 mm	428 mm
D	425 mm	475 mm	520 mm
E	535 mm	615 mm	790 mm
F	385 mm	430 mm	467 mm
G	95 mm	95 mm	100 mm
H	350 mm	350 mm	465 mm

Quite - 'SilentMode' slows down the variable speed DC fan, reducing noise for whisper quite operation.

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



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

Tough - UV resistant, rustproof thermoplastic case designed for Australian conditions.

SPECIFICATIONS		UltraTemp HXi 9kW	UltraTemp HXi 12kW	UltraTemp HXi 16kW	UltraTemp HXi 20kW	UltraTemp HXi 24kW	UltraTemp HXi 28kW
Description		UTHP-9-HXi	UTHP-12-HXi	UTHP-16-HXi	UTHP-20-HXi	UTHP-24-HXi	UTHP-28-HXi
Model		UTHP-9-HXi	UTHP-12-HXi	UTHP-16-HXi	UTHP-20-HXi	UTHP-24-HXi	UTHP-28-HXi
Ambient 27°, Water 26° in 28° out, 80% humidity	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
Ambient 15°, Water 26° in 28° out, 70% humidity	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
Ambient 35°, Water 29° in 27° out,	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
Power supply		230-240V / 50Hz	230-240V / 50Hz	230-240V / 50Hz	230-240V / 50Hz	230-240V / 50Hz	400-415 V 3P
Max current (A)		8.4	10.9	16.6	17.5A	22A	11A
Compressor type		Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	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
Refridgerant		R32 430g	R32 480g	R32 600g	R32 670g	R32 1150g	R32 1350g
Height		625 mm	625 mm	775 mm	855 mm	855 mm	855 mm
Width		1015 mm	1015 mm	1025 mm	1159 mm	1159 mm	1159 mm
Length		425 mm	425 mm	475 mm	520 mm	520 mm	520 mm