



COMMERCIAL SERIES FULL INVERTER HEAT PUMP

Swim All Year Round

with TurboSilence® full inverter heating & cooling technology



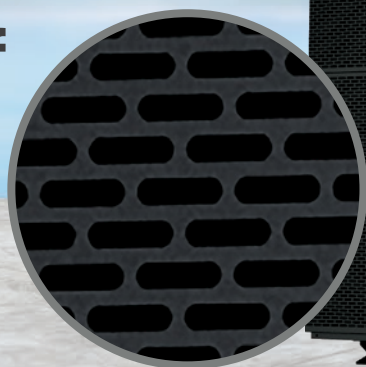
Neptune
for swimming pools

X-PRO

SCAN FOR
MORE INFO



Stylish Marine Grade Anti-Corrosion Weatherproof Aluminium Alloy Casing



Full Stepless TurboSilence[®] Inverter Technology

TurboSilence[®] technology utilises the inverter compressor and heat exchanger technology to maximise the COP.

2-In-1 Heating And Cooling System

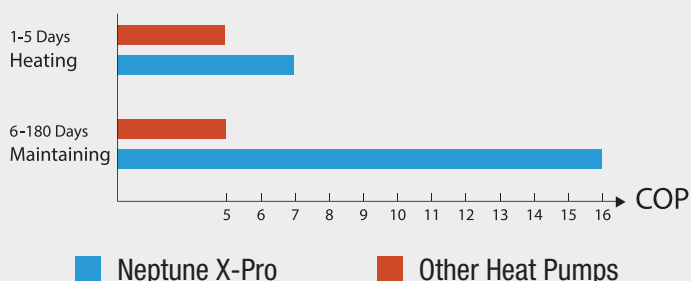
Heats up to 40°C and cools down to 6°C, to suit year round applications.

Smart And Quick Defrosting Mode

Automatically switches to defrosting mode when frost accumulation is detected during operation. Includes manual defrosting function for on-demand control.

300% More Efficient

The Neptune Heat Pump's soft start feature steadily increases power to maximise energy savings.



Mitsubishi Full Inverter Compressor

The Mitsubishi full inverter compressor is the market leader, renowned for its outstanding quality, reliability and energy efficiency.

Operating Range -20°C ~ 43°C

Capable of working in extreme conditions, from as low as -20°C up to 43°C.

COP of 15.8 (1kW energy = 15.8kW heat)

The Neptune X-Pro Commercial Series stands out for its exceptional energy efficiency, with a COP of 15.8. It generates 15.8kW of heat for every 1kW of power consumed.



Quick Connect

For heat pump controllers and automation. Standard on all commercial series models.



R32 Environmentally Friendly Gas

30% more environmentally friendly and approximately 10% reduction in electricity consumption compared to other commonly used refrigerants.



Solar PV Compatible

Save money and connect your Neptune X-Pro Heat Pump to your Solar Power System.



Intuitive Display

Experience total control with real-time power consumption display, built-in timer and an intuitive interface offering customisable settings and data at your fingertips.



Wi-Fi Connectivity

Seamlessly connect to Wi-Fi for smart functionality, making comfort management effortless.



Dedicated Mobile App

Manage your heat pump efficiently with the dedicated mobile app. Control your heat pump anywhere, any time.



3 Intelligent Modes



Turbo Mode – 20%~120% heating capacity to quickly heat your pool to the desired temperature.



Smart Mode – 20%~100% heating capacity. Intelligent maintenance of pool temperature with optimum heating capacity and energy savings.



Silence Mode – Intelligent adjustment when maintaining temperature. 20%~60% heating capacity to maintain the desired temperature with less noise.



Super Quiet Operation

The compressor and fan work at a very low speed when maintaining the temperature, reducing the noise level around 42 dB(A) at 1m.



10 20 30 40 50 60 70 80 dB(A)

Normal breathing



Whisper



Quiet bedroom at night



Fridge



Normal conversation



Hair dryer



Washing machine



PERFORMANCE CONDITIONS

Model	NHX603	NHX1203
Performance Condition: Air 26°C, Water 26°C, Humidity 80%		
Heating Capacity (kW)	59.0	118.0
COP	15.7	15.8
Performance Condition: Air 15°C, Water 26°C, Humidity 70%		
Heating Capacity (kW)	41.0	80.0
COP	7.8	7.4
Performance Condition: Air 7°C, Water 26°C, Humidity 90%		
Heating Capacity (kW)	31.8	61.0
COP	4.7	3.9
Performance Condition: Air -15°C, Water 26°C, Humidity 70%		
Heating Capacity (kW)	20.0	41.0
COP	2.9	3.0
Performance Condition: Air 35°C, Water 28°C, Humidity 80%		
Cooling Capacity (kW)	27.0	49.0

TECHNICAL DATA

Model	NHX603	NHX1203
Operating Range	-20°C ~ 43°C	
Compressor	Twin-Rotary Mitsubishi DC Inverter	
Heat Exchanger	Spiral Titanium Tube in PVC	
Casing	Marine Grade, Anti-Corrosion, Weatherproof, Aluminium Alloy	
Fan Direction	Horizontal	
Sound Level at 1m dB(A)	42.1 ~ 54.4	43.3 ~ 58.5
Sound Level at 10m dB(A)	22.1 ~ 34.4	23.3 ~ 38.5
Power Supply	400V / 3 Ph / 50Hz	
Rated Input Power at air 15°C (kW)	1.4 ~ 8.94	2.6 ~ 17.1
Rated Input Current at air 15°C (A)	2.02 ~ 12.9	3.75 ~ 24.7
Max Input Current (A)	19.0	42.0
Water Pipe Diameter (mm)	65	80
Pool Pump Water Flow (L/min)	333 ~ 416	500 ~ 666
Net Dimensions LxWxH (mm)	1545 x 458 x 1630	2108 x 640 x 2040
Net Weight (kg)	217	476



TurboSilence Inverter



EXCHANGER*



COMPRESSOR*



PARTS*



LABOUR*

Residential Neptune Heat Pumps Also Available



XPRO
Front Discharge

XPRO
Top Discharge

XECO

www.neptuneheating.com.au

AVAILABLE FROM YOUR
LOCAL POOL PRO STOCKIST

