Residential

Titanium Series 7GP20–1

Swimming Pool or Spa Heater

The Titanium Series 7GP20–1 Swimming Pool or Spa Heater is part of our Performance Plus range of models. It ensures a constant pool or spa temperature every time. This unit is ideal for up to 95m^2* size pools and spa pools.

Designed and engineered to perform all year round, even in New Zealand's harshest environments; the Titanium Series 7GP20–1 unit is made of heavy gauge galvanised steel cabinetry with a polyester powder coat finish which provides superior corrosion resistance. The evaporator coils' aluminium fins are epoxy coated giving extra protection in coastal areas where the air is salt-laden. The evaporator coils incorporate rifled copper tubes for better heat transfer.

All of our heat pump pool and spa heaters are fitted with proprietary titanium tube heat exchangers, with the titanium tubes providing superior resistance against corrosion. Due to its high energy efficiency, the Titanium Series 7GP20–1 Swimming Pool & Spa Heater has an extremely low cost of operation. Typically, for every 1kW of electric input, you receive 5kW worth of heat.

PERFORMANCE PLUS FEATURES

- Quiet running
- Built in drain tray
- Water flow switch activated
- Titanium tube heat exchanger
- Ozone friendly refrigerants
- Epoxy coated corrosion resistant evaporator coils
- Built in refrigeration safety switches
- Electronic reverse cycle de-ice control
- Easy to operate electronic controller with digital display
- TX valve for more efficient low ambient operation
- Compressor has built in internal and external overload

PERFORMANCE PLUS BENEFITS

- Easy to install and operate
- Low operating costs and high efficiency
- Environmentally friendly
- Durable and long life expectancy
- Engineered and built in New Zealand
- Automatically maintains any set temperature in all weather

IDEAL APPLICATIONS

- Swimming pool
- Spa heating
- Hydroponics

PERFORMANCE PLUS

Experience the best in heat pump water heater technology

HOT WATER HEAT PUMPS LTD

Advancing Water Heat Pump Technology SINCE 1980

Titanium Series 7GP20–1

Technical Specifications

kW output - pool *1	20
kW output - spa *2	14
kW input	4.0
Power Supply	Single Phase
Required D - curve circuit breaker amps	32 amps
Nominal compressor run amps	15.1
Fan full load amps	0.94
Recommended flow rate - litre/second	2.4
Water connections	50mm PVC socket
Dimensions LxWxH - mm	1450 x 525 x 860
Weight - kg	135
Air volume @ high speed litre/second	1,600
Sound pressure level, high dB(A) *3	51/53

NB: Designs and specifications are subject to change without notice.
*1 kW output values are nominal ratings based on 18°C wet bulb and 28°C water temperature.
*2 kW output values are nominal ratings based on 8°C wet bulb and 38°C water temperature.
*3 Sound pressure measured at 3m in decibels re 20 µPa.

SWIMMING POOL SIZING CHART EXTENDED SEASON*

Coastal North Island*	Central North Island/ South Island*
Residential *4 Surface Area (m^2)	Residential *4 Surface Area (m^2)
95	80

* Extended season, New Zealand, mid-October to mid-April.
*4 Residential – pool covered when not in use (up to 4 hours/day uncovered).

Why buy from Hot Water Heat Pumps Ltd

Back up and service: You can be assured of unprecedented after-sales service. We provide free telephone and email support on all products, for the life of the product, even if you're outside of the warranty period. With periodic maintenance, your Hot Water Heat Pumps Ltd's product will provide you with a lifetime of efficient hot water heating.

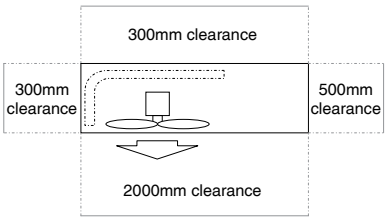
Warranty: All of our residential heat pump pool heater models carry a comprehensive two year parts and labour warranty, including the compressor, evaporator coils, heat exchanger and refrigeration systems. The titanium tube within the heat exchanger is covered against corrosion for 30 years.

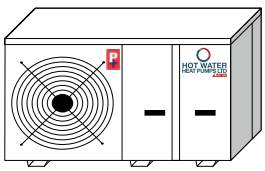
Safety first: Our heat pump water heaters are fitted with protection systems to prevent damage in the event of a malfunction. Such as a flow switch to ensure the heat pump cannot operate without water flow and other refrigeration safeties. If a problem is identified, the unit automatically shuts down before damage can occur.

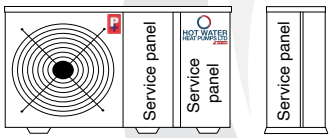
Energy efficient: Government agency EECA (Energy Efficiency Conservation Authority) has listed heat pumps as one of the most energy efficient forms of heating in New Zealand.

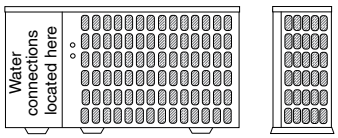
Clean and green: As heat pumps use renewable energy (air), they are safer and cleaner to run than fossil fuel burners and can lower CO_2 emissions by up to 70% (compared to gas and diesel burners).

INSTALLATION INSTRUCTIONS









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