Industrial

## Titanium Series 8GP36C–3

# Water Chiller

## The Titanium Series 8GP36C–3 Water Chiller is part of our Performance Plus range of models. It ensures a constant set temperature every time. Suitable for chilling water or brine.

Designed and engineered to perform all year round, even in New Zealand's harshest environments; the Titanium Series 8GP36C–3 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 coil fins are on rifled copper tubes for even better heat transfer.

All 8GP series heat and chill units are fitted with a titanium tube heat exchanger, as titanium tubes provides superior resistance against corrosion. Due to its high energy efficiency, the Titanium Series 8GP36C–3 has an extremely low cost of operation.

### IDEAL APPLICATION

- Water chillers
- Aquaculture
- Hydroponics

### PERFORMANCE PLUS FEATURES

- Built in drain tray
- Water flow switch activated
- Titanium tube heat exchangers
- Ozone friendly refrigerants
- Expoxy coated corrosion resistant evaporator coils
- Built in refrigeration safety switches
- Optional 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

PERFORMANCE PLUS

Experience the best in water chiller technology

HOT WATER HEAT PUMPS LTD
Advancing Water Heat Pump Technology SINCE 1980

## Titanium Series 8GP36C–3

# Technical Specifications

| | |
|---|---|
| Cooling Capacity – kW *1 | 28 |
| kW input | 7.0 |
| Power Supply | 3 Phase + N & E |
| Circuit Breaker - 3 Pole D Curve | 32 amps |
| Nominal compressor run amps | 13.7/phase |
| Fan full load amps | 1.0 |
| Minimum flow rate – litre/second | 4.2 |
| Water connections | 50mm PVC socket |
| Dimensions LxWxH – mm | 1711 x 767 x 1391 |
| Weight – kg | 245 |
| Air volume @ high speed litre/second | 2,150 |
| Sound pressure level, high dB(A) *2 | 54/56 |

NB: Designs and specifications are subject to change without notice.
*1 kW output values are nominal ratings based on 18°C water temperature, 35°C air at 60% RH.
*2 Sound pressure measured at 3m in decibels re 20 µPa.

## 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 water heating and cooling technology.

**Warranty:** All of our industrial water chiller models carry a comprehensive two year parts and labour warranty, including the compressor, evaporator coil, heat exchanger and refrigeration systems. The titanium tube within the heat exchanger is covered against corrosion for 10 years.

TITANIUM TUBING 10 YEARS CORROSION PROTECTION

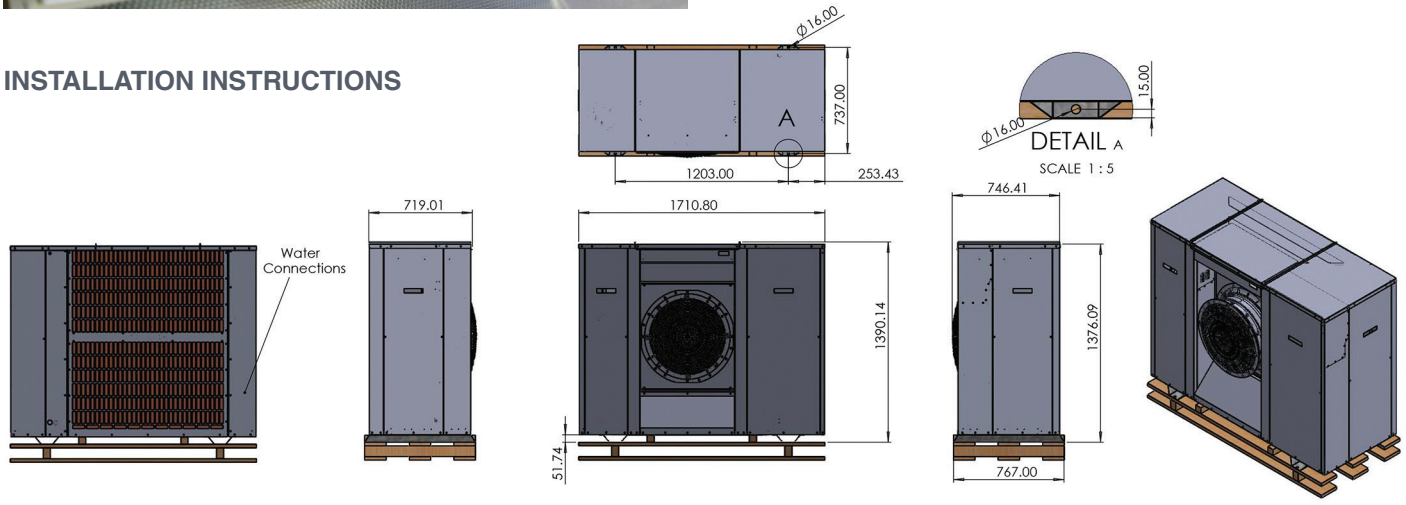
2 YEARS WARRANTY PARTS AND LABOUR warranty

R32 REFRIGERANT

**Safety first:** Our water chillers are fitted with protection systems to prevent damage in the event of a malfunction. Such as a flow switch to ensure the chillers 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.

## INSTALLATION INSTRUCTIONS

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