Industrial

8 Series 8GU85C–3v

Low Water Temperature Water Chiller

The 8 Series 8GU85C–3v Water Chiller is part of our Performance Plus range of models. It ensures a constant set temperature every time. Suitable for chilling water down to 10°C.

Designed and engineered to perform all year round, even in New Zealand's harshest environments; the 8 Series 8GU85C–3v 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.

100% New Zealand owned and operated, Hot Water Heat Pumps Ltd Performance Plus range is the largest in Australasia, manufacturing over 28 standard models for underfloor heating alone, plus custom models on request. This means whether you require 5kWs or 95kWs or larger; Hot Water Heat Pumps Ltd has a solution to meet your requirements.

IDEAL APPLICATION

- Water chilling
- Aquaculture
- Hydroponics
- Process chilling

PERFORMANCE PLUS FEATURES

- Built in drain tray
- Water flow switch activated
- 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

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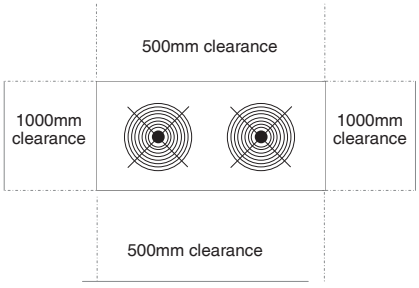
Technical Specifications

kW output (chilling) *1	90
kW output (chilling) *2	72
kW input	20.0
Power Supply	3 Phase + N & E
Circuit Breaker – 3 Pole D Curve	63 amps
Nominal compressor run amps	20.0 x 2
Fan full load amps	3.9 x 2
Minimum flow rate – litre/second	5.95
Water connections	Application Specific
Dimensions LxWxH – mm	2644 x 1380 x 2322
Weight – kg	950
Air volume @ high speed litre/second	11,000
Sound pressure level, high dB(A) *3	66

NB: Designs and specifications are subject to change without notice.
*1 kW output values are nominal ratings based on 18°C water temperature.
*2 kW output values are nominal ratings based on 12°C water temperature.
*3 Sound pressure measured at 3m in decibels re 20 µPa.

INSTALLATION INSTRUCTIONS



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.

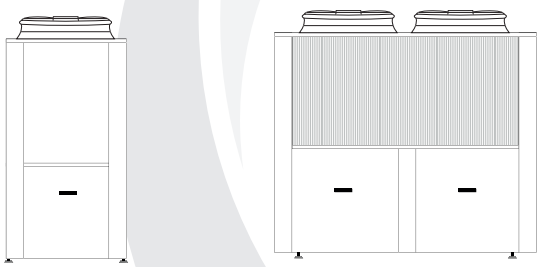
Warranty: All of our industrial water chiller models carry a comprehensive two year parts and labour warranty, including the compressor, evaporator coil, heat exchanger and refrigeration systems.

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.



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