



## Dual Purpose 7GUb16D13-1 Duoheat Underfloor & Domestic

The Duoheat range of dual-purpose heat pump water heaters eliminates the need to invest in two separate heat pumps and can be used across multiple applications including: pool heating, underfloor heating and/or domestic hot water needs.

All Ub models feature an onboard buffer tank and circulation pump. Using a DuoHeat heat pump reduces unit redundancies and minimises the overall footprint of your equipment.

### IDEAL APPLICATIONS

- Underfloor and domestic hot water

### DUOHEAT FEATURES

- Energy efficient
- Environmentally friendly
- Easy operation
- Consistent performance from -10°C to 45°C
- Engineered and built in New Zealand from local and imported parts

### DUOHEAT BENEFITS

Duoheat heat pump water heaters offer the same advantages of Performance Plus heat pump water heaters with the addition of:

- Eliminating the need for investing in two or three separate heat pump water heaters
- Providing a smaller overall footprint
- Reducing equipment redundancies
- Lower capital investment over two separate units



Experience the best in heat pump  
water heater technology



## Dual Purpose 7GUb16D13-1

# Technical Specifications

kW output - underfloor <sup>1</sup>	16
Flow rate - litre/second	1.0
Water connections	25mm BSP Female
kW output - domestic <sup>2</sup>	13
Flow rate - litre/second	1.6
Water connections	25mm BSP Female
kW input	4.6
Power Supply	Single Phase
Required D - curve circuit breaker amps	32 amps
Nominal compressor run amps	23.8 Per Phase
Fan full load amps	0.9 (x2)
Dimensions LxWxH - mm	1450 x 500 x 1495
Weight - kg	185
Air volume @ high speed litre/second	1,800
Sound pressure level, high dB(A) <sup>3</sup>	54/55

NB: Designs and specifications are subject to change without notice.

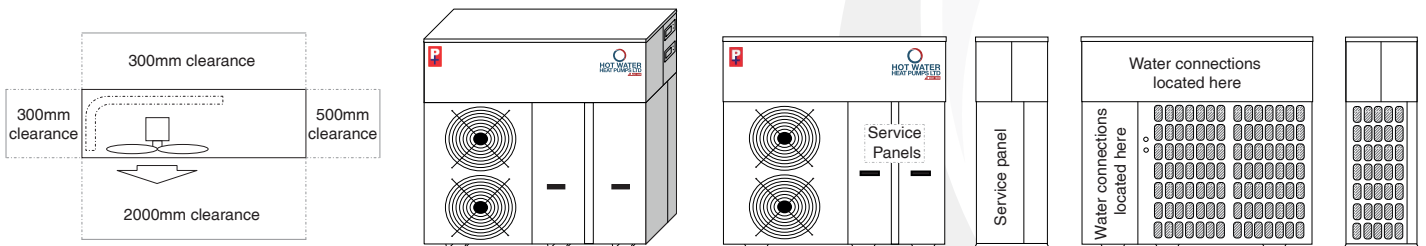
\*1 kW output values are nominal ratings based on 8°C wet bulb and 38°C water temperature.

\*2 Nominal performance data based on 8°C wet bulb heating from 15°C - 55°C water temperature.

\*3 Sound pressure measured at 3m in decibels re 20 µPa.



## INSTALLATION INSTRUCTIONS



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## 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 dual purpose swimming pool and underfloor heater models carry a comprehensive two year parts and labour warranty, including the compressor, evaporator coil, heat exchanger and refrigeration systems.



**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<sub>2</sub> emissions by up to 70% (compared to gas and diesel burners).

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