



Commercial

Performance Plus 7GD40E-3

Commercial Hot Water Heater

SINGLE PASS HEATING

The Performance Plus range of Heat Pump Water Heaters with Patented technology provides an energy efficient, low carbon means of extracting free heat from the ambient air for the purposes of heating and maintaining the potable hot water requirements for commercial applications.

The heat pumps use a zero ODP (Ozone Depletion Potential) refrigerant that complies with all current NZ/AU legislation.

PERFORMANCE PLUS FEATURES

- Single pass patented technology
- Quiet running
- Built in drain tray
- Ozone friendly refrigerants
- Epoxy coated corrosion resistant evaporator coils
- Built in refrigeration safety controls
- Electronic de-ice control
- 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

- Domestic hot water
- Commercial hot water



Experience the best in heat pump water heater technology



Technical Specifications

kW output *1	50.0
kW input	16.0
Power Supply	3 Phase + N & E
Circuit Breaker - 3 Pole D Curve	50 amps
Nominal compressor run amps	28 Per Phase
Fan full load amps	1.1 (x4)
Max circ. pump amps	3 (x2)
Max outlet water temperature	63°C
Water recovery L/h	> 960
Water connections	Application Specific
Dimensions LxWxH - mm	1950 x 1390 x 1750
Weight - kg	480
Air volume @ high speed litre/second	4,300
Sound pressure level, high dB(A) *2	63

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

*1 Nominal performance data based on 15°C wet bulb; heating from 15°C - 60°C water temperature.

*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 hot water heating.

Warranty: Our commercial hot water heater models carry a comprehensive two year parts and labour warranty, including the compressor, evaporator coil, heat exchanger and refrigeration systems.



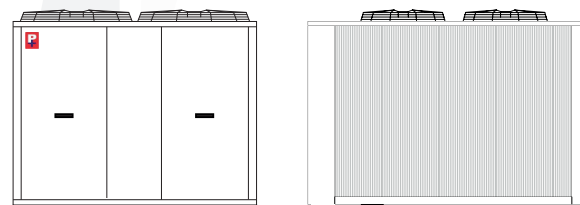
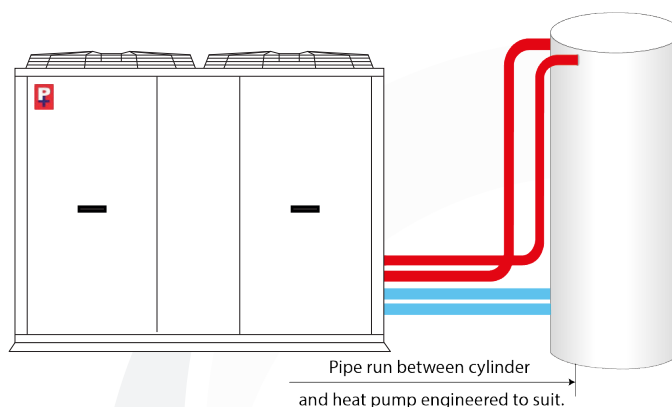
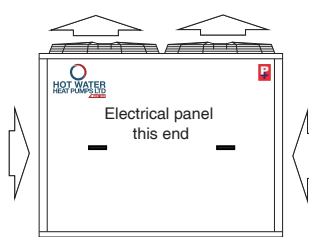
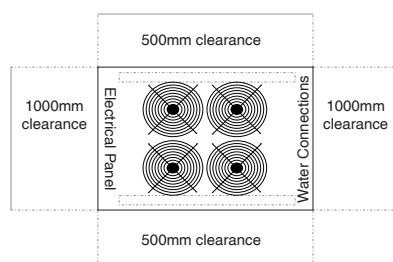
Safety first: Our heat pump water heaters are fitted with protection systems to prevent damage in the event of a malfunction. If a problem is identified, the unit automatically shuts down before damage can occur.

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: Our heat pumps only use electricity to capture thermal energy in the air, and therefore produce no direct emissions. Compared to gas and diesel boilers, our heat pumps can reduce total carbon emissions by up to 90%.



INSTALLATION INSTRUCTIONS



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