



Residential

Performance Plus 8GD9-1 Domestic Hot Water Heater

The Performance Plus range of Domestic Heat Pump Water heaters provide 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 residential and commercial applications.

The heat pumps use a zero ODP (Ozone Depletion Potential) and low GWP (Global Warming Potential) refrigerant (R-32) that complies with all current NZ/AU legislation.

PERFORMANCE PLUS FEATURES

- Quiet running
- Built in drain tray
- Water flow switch activated
- 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

Experience the best in heat pump
water heater technology



Preliminary Specifications

IDEAL APPLICATIONS

- Domestic hot water
- Commercial hot water

**PERFORMANCE
PLUS**

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

Performance Plus 8GD9-1

Technical Specifications

kW output *1	9
kW input	2.8
Power Supply	Single Phase
Require D – curve circuit breaker amps	25 amps
Nominal compressor run amps	11.8
Fan full load amps	0.9
Minimum flow rate – litre/second	0.95
Water connections	25mm BSP
Dimensions LxWxH – mm	1070 x 440 x 1180
Weight – kg	130
Buffer tank onboard *2	No
Circulation Pump	Optional

NB: Designs and specifications are subject to change without notice.
*1 kW output values are nominal ratings based on 8°C wet bulb and 15°C – 55°C water temperature.
*2 Not suitable for pressurized systems.

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 hot water heater models carry a comprehensive two year parts and labour warranty, including the compressor, evaporator coils, heat exchanger and refrigeration systems.



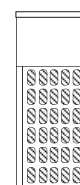
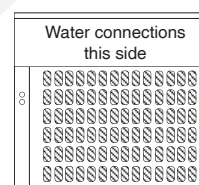
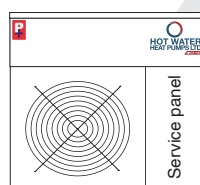
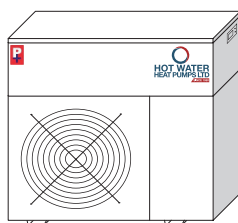
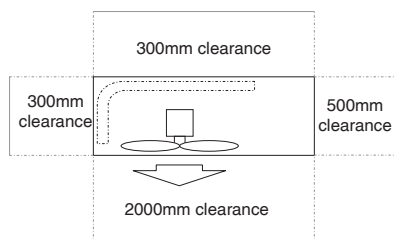
Safety first: Our heat pump water heaters are fitted with protection systems to prevent damage in the event of a malfunction. Such as a flow switch to ensure the heat pump cannot operate without water flow and other refrigeration safeties. If a problem is identified, the unit automatically shuts down 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 CO₂ emissions by up to 70% (compared to gas and diesel burners).



INSTALLATION INSTRUCTIONS



Note: 8G R32 Series heat pumps and chillers are not suitable for indoor/plant room installations without air quality monitoring and ventilation due to mild flammability.