Commercial

Performance Plus 8GD84–3VM

Commercial Hot Water Heater

The Performance Plus range of 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

- 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

IDEAL APPLICATIONS

- Commercial hot water

PERFORMANCE PLUS

Experience the best in heat pump water heater technology

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

Performance Plus 8GD84–3VM

Technical Specifications

kW output *1	84.0
kW input	28.0
Power Supply	3 Phase + N & E
Circuit Breaker – 3 Pole D Curve	80 amps
Nominal compressor run amps	24.5 Per Phase x2
Fan full load amps	3.9 (x2)
Recommended flow rate – litre/second	10.0
Minimum flow rate – litre/second	5.1
Water connections	50mm BSP Female
Dimensions LxWxH - mm	2644 x 1380 x 2322
Weight – kg	990
Air volume @ high speed litre/second	11,000
Sound pressure level, high dB(A) *2	77

NB: Designs and specifications are subject to change without notice.
*1 Nominal performance data based on 8°C web bulb; heating from 15°C to 55°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.

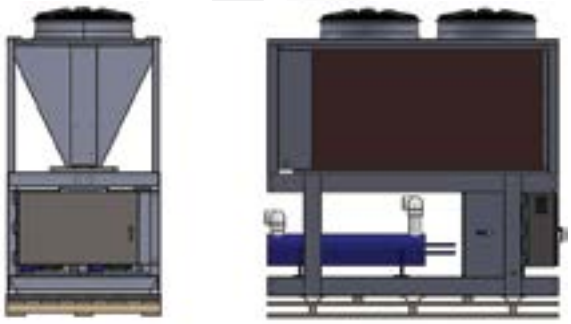
Warranty: All of our commercial hot water heater models carry a comprehensive two year parts and labour warranty, including the compressor, evaporator coil, heat exchanger and refrigeration systems.

Safety first: Our heat pump water heaters are fitted with protection systems to prevent damage in the event of a malfunction. 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 $C0_2$ emissions by up to 70% (compared to gas and diesel burners).

INSTALLATION INSTRUCTIONS



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