Performance Plus DuoHeat
Swimming Pool & Spa Heat Pumps

The **DuoHeat** range of dual-purpose heat pump water heaters provides an efficient solution for heating both swimming pools and spa pools with a single system. By eliminating the need for multiple heat pumps, DuoHeat reduces equipment redundancy, lowers capital costs, and minimises the overall plant footprint.

IDEAL APPLICATION

- Swimming pools and spa pools.

KEY FEATURES

- High energy efficiency
- Environmentally friendly operation
- Simple, user-friendly controls
- Reliable performance from **-10°C to 45°C ambient**
- Engineered and built in **New Zealand** using local imported components.

BENEFITS

DuoHeat heat pump water heaters deliver all the proven advantages of our Performance Plus range, with the added benefits of:

- One system replacing two or more heat pumps
- Reduced plant room footprint
- Lower equipment redundancy
- Lower overall capital investment.

duoheat

PERFORMANCE PLUS

Experience the best in heat pump water heater technology

HOT WATER HEAT PUMPS LTD
SINCE 1980

TECHNICAL SPECIFICATIONS

	8GP11S8-1	8GP15S10-1	8GP18S12-1	8GP18S12-3	8GP24S17i-1	8GP24S17i-3
kW output – pool *[1]	11	15	18	18	24	24
Flow rate – litre/second	1.5	2.1	2.5	2.5	3.5	3.5
Water connections	40mm PVC socket				50mm PVC socket	
kW output – spa *[2]	8	10	12	12	17	17
Flow rate – litre/second	1.5	1.66	2.0	2.0	3.5	3.5
Water connections	40mm PVC socket				50mm PVC socket	
kW input	2.2	2.8	3.4	3.4	4.8	4.8
Power supply	Single Phase	Single Phase	Single Phase	3 Phase + N & E	Single Phase	3 Phase + N & E
Required D – curve circuit breaker amps	25	25	32	32	40	20
Nominal compressor run amps	10.8	11.9	15.1	5.3/Phase	28	7.8/Phase
Dimensions LxWxH – mm	1250x355x1025	1366x438x1179	1366x438x1179	1366x438x1179	1500x425x1380	1500x425x1380
Weight – kg	140	160	160	160	170	170
Sound pressure level, high dB(A) *[3]	51/53	51/53	51/53	51/53	51/53	51/53
Pool Sizing: Coastal North Island *[4]	55m²	65m²	80m²	80m²	110m²	110m²
Pool Sizing: Central Nth Island/Sth Island	50m²	60m²	70m²	70m²	95m²	95m²

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

*[1] kW output values are nominal ratings based on 18°C wet bulb and 28°C water temperature.

*[2] kW output values are nominal ratings based on 8°C wet bulb and 38°C water temperature.

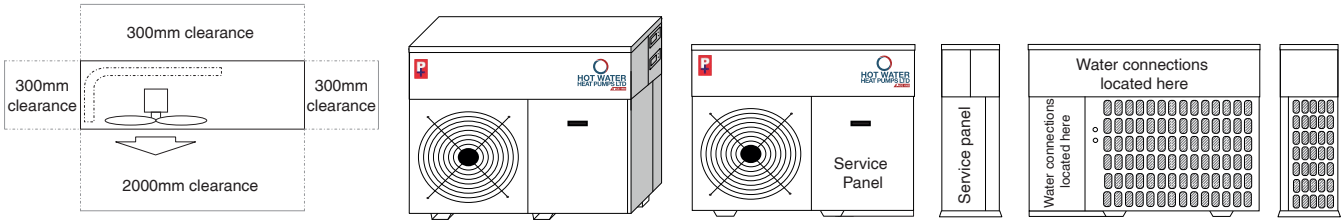
*[3] Sound pressure measured at 3m in decibels re 20 µPa.

*[4] Extended season, New Zealand, mid-October to mid-April. Residential pool: covered when not in use (up to 4 hours/day uncovered). Inground pool: 28 degree water temperature.

WHY BUY FROM HOT WATER HEAT PUMPS

Enjoy reliable after-sales support with free phone and email assistance for the life of your product. Residential heat pump pool heaters include a **comprehensive 2-year labour and 3-year parts warranty** covering major components, plus a **30-year corrosion warranty on the titanium heat exchanger tube**. Built-in safety systems—including a flow switch and refrigeration protections—automatically such the unit down if a fault is detected. Recognised by the Energy Efficiency and Conservation Authority (EECA) as one of the most energy efficient heating technologies in New Zealand, heat pumps use renewable heat from the air and can reduce CO_2 emissions by **up to 70% compared with gas or diesel systems**.

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.*

HOT WATER HEAT PUMPS LTD SINCE 1980
0800 33 66 33
info@waterheating.co.nz
www.waterheating.co.nz

20260604