Performance Plus
Underfloor Heat Pumps

Experience the luxury of warm floors beneath your feet. The **Performance Plus Underfloor Heat Pump System** gently heats your home through hydronic floor heating, maintaining a comfortable floor temperature of **22–26°C**.

Unlike conventional heating systems that create uneven temperatures and draughts, hydronic underfloor heating distributes warmth evenly across the entire floor surface, delivering consistent, silent comfort throughout the space.

With **independent zone control**, every room can be individually tailored to suit your lifestyle and comfort preferences.

Engineered for both residential and commercial applications, the '**U' Series Performance Plus Heat Pump Water Heaters** are purpose-built for hydronic floor heating systems.

Hot Water Heat Pumps Ltd, proudly **New Zealand owned and operated**, offers the **largest heat pump range in Australasia**, with over **28 models for underfloor heating** and custom solutions available. From **10kW to 17kW** and beyond, every system is designed to deliver efficient, reliable warmth for years to come.

IDEAL APPLICATION

- Underfloor heating

PERFORMANCE PLUS FEATURES

- Quiet running
- Constant natural warmth from head to toe
- No dusty air particles or toxic gas fumes
- High efficiency hermetically sealed compressor
- Ozone friendly refrigerants
- Epoxy coated corrosion resistant coil fins
- Thermostatically controlled temperatures
- Designed for optimal performance even in freezing conditions
- Built for life

OPTIONAL EQUIPMENT

- Remote box for the control system
- Ducts and grills for plant room installs
- Wall mounted bracket
- Rubber anti-vibration pads

PERFORMANCE PLUS

HOT WATER HEAT PUMPS LTD
SINCE 1980

Experience the best in heat pump water heater technology

TECHNICAL SPECIFICATIONS

	8GUb10-1	8GUb12-1	8GUb12-3	8GUb17i-1	8GUb17i-3
Heating – kW output *1	10	12	12	17	17
kW input	2.8	3.4	3.4	4.8	4.8
Power supply	Single Phase	Single Phase	3 Phase + N & E	Single Phase	3 Phase + N & E
Required D – curve circuit breaker amps	20	25	20	40	20
Nominal compressor run amps	15	15.1	5.5/Phase	28	7.8/Phase
Minimum flow rate – litre/second	0.54	0.65	0.66	1.2	1.2
Water connections	25mm BSP	25mm BSP	25mm BSP	25mm BSP	25mm BSP
Dimensions LxWxH – mm	1070 x 440 x 1180	1070 x 440 x 1180	1070 x 440 x 1180	1130 x 425 x 1380	1130 x 425 x 1380
Weight – kg	120	130	130	157	157
Sound pressure level, high dB(A) *2	53/56	53/56	53/56	53/56	53/56
Buffer tank onboard *3	Yes	Yes	Yes	Yes	Yes
Circulation Pump	Yes	Yes	Yes	Yes	Yes
	8GU10-1	**8GU12-1**	**8GU12-3**	**8GU17i-1**	**8GU17i-3**
Heating – kW output *1	10	12	12	17	17
kW input	2.8	3.4	3.4	4.8	4.8
Power supply	Single Phase	Single Phase	3 Phase + N & E	Single Phase	3 Phase +N & E
Required D – curve circuit breaker amps	25	32	20	40	20
Nominal compressor run amps	11.8	15	5.5/Phase	28	7.8/Phase
Minimum flow rate – litre/second	0.27	0.33	0.33	1.2	1.2
Water connections	25mm BSP	25mm BSP	25mm BSP	25mm BSP	25mm BSP
Dimensions LxWxH – mm	1070 x 440 x 1180	1070 x 440 x 1180	1070 x 440 x 1180	1130 x 425 x 1380	1130 x 425 x 1380
Weight – kg	120	130	130	157	157
Sound pressure level, high dB(A) *2	53/56	53/56	53/46	53/56	53/56
Buffer tank onboard *3	No	No	No	No	No
Circulation Pump	Optional	Optional	Optional	Optional	Optional

Note: 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.

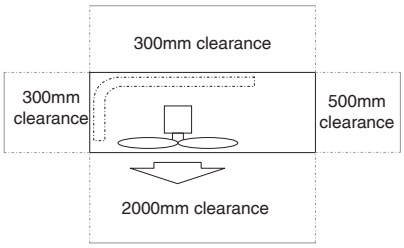
*2 Sound pressure measured at 3m in decibels re 20 µPa.

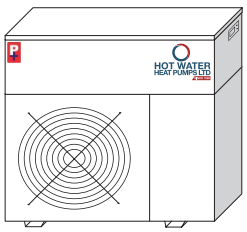
*3 Not suitable for pressurized systems.

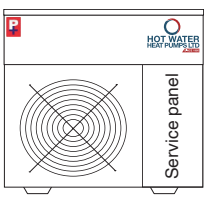
WHY BUY FROM HOT WATER HEAT PUMPS

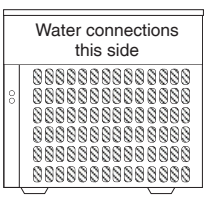
Enjoy reliable after-sales support with free phone and email assistance for the life of your product. Residential heat pump pool heaters include a **comprehensive 2-year labour and 3-year parts warranty** covering major components. Built-in safety systems—including a flow switch and refrigeration protections—automatically 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**.

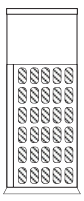
INSTALLATION INSTRUCTIONS











***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.*