



HPW

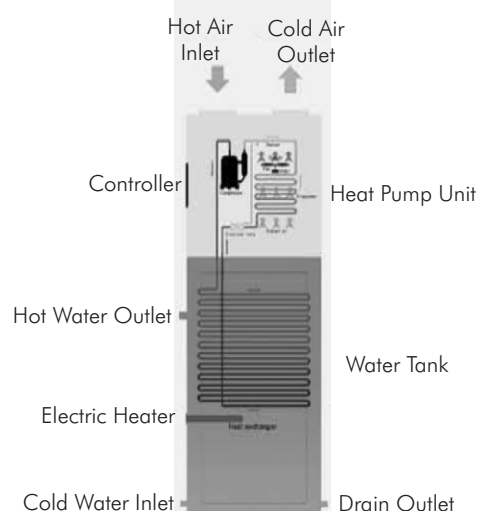
Heat Pump Hot Water Systems



HPW150



HPW200 & 300



Dayliff HPW Heat Pump Hot Water Systems are designed for all domestic water heating applications that utilise the high efficiency benefits of heat pump technology. The integral systems combine a hot water storage tank with an efficient heat pump that generates heat from ambient air by utilising the natural heat generating phenomenon of the gas evaporation/condensation cycle. This is transferred to the stored water by circulation through a coil type heat exchanger in the tank. Tank construction is carbon steel with internal enamel coating and a magnesium anode is fitted for cathodic protection against corrosion. The tank is lined with high grade thermal insulation for heat retention. Particular features are:-

- HPW heat pumps work best under ambient temperature of between -7°C to 43°C
- High quality integral heat pump fitted on top of the hot water cylinder with quiet GMCC compressor that provides a Coefficient of Performance (COP) of up to 4.16 (at 20°C Ambient temp, 15°C Water temp) and settable hot water temperature of up to 75°C . This provides up to 80% power savings compared to conventional element heaters.
- Tube type heat exchanger coiled externally around the water tank for performance and safety with inbuilt sterilising function
- Integral 2kW electric heating element for temperature boosting
- Digital controller for operational and timer settings and fault indication
- Supplied complete with ozone friendly R134A refrigerant gas for optimal

Dayliff HPW systems are high efficiency, high performance water heaters and are the ideal solution for all residential hot water supply requirements.

TECHNICAL SPECIFICATIONS

Model	HPW150	HPW200	HPW300	
Water Tank Volume, Liters	150	200	300	
Heating Capacity, kW	2.5			
Rated/Max Input Power, kW	0.6/3			
Fan Flow	Side	Top		
Rated/Max Current, A	2.7/15			
Inlet/Outlet	¾"			
Net Dimensions, mm	500x500x1670	620Diax1638	620Diax2038	
Net Weight, kgs	92	105	130	