



ECOGENICA

LEADING THE WAY IN HOT WATER HEATING INNOVATION

For a Sustainable Future

ECOGENICA® Heat Pumps



The ECOGENICA® W Series



Innovation meets Technology

Designed from the ground up to meet the hot water requirements of Australian homes. The ECOGENICA® W Series provides unbeatable value for money, delivering energy savings, for a cheaper more sustainable future.

At ECOGENICA®, we believe in redefining the way you experience hot water in your home. As a pioneering Australian based, global manufacturer, we're dedicated to pushing the boundaries of innovation, sustainability, and cost-efficiency.

Employing the newest generation of natural refrigerants, R290, we ensure that all models within this range have superior energy efficiency and the system meets the highest global standards.



WI-FI ENABLED REMOTE CONTROL A powerful and intuitive user interface enables the remote controlling of the full range of all system functions and includes the ability to zone, manage multiple units, whilst monitoring energy consumption.



HOT & COLD WEATHER HOTWATER Operates in ambient temp. ranges of -7 to +40 degrees Celsius, with advanced de-icing and heat injection and control technology.



ADVANCED MONITORING SYSTEM Manage the consumption of power, assess the power consumption in real-time, with a constant flow of information on the display, adjust the display to read either the total power consumption or the monthly spend.



LOW OPERATING NOISE Engineered to operate with low noise levels.



Our vision is to create a greener and cleaner world using heat pump technology to deliver reliable, efficient, and affordable hot water that serves to minimize carbon footprint and maximize social impact. We aspire to be the global leader in Heat Pump technology.

WHAT DO OUR CUSTOMERS SAY?

“ I own my own home, but I'm always prudent with my decision making. I only invest in things I know are high quality and will give me value for my dollar. These guys ticked the box in both regards and the install was a breeze!”

FRED
RETIREE IN SYDNEY

“ I'm one of those people that investigates all options thoroughly before making big decisions. This decision stacked up financially, for convenience and service. It was such an easy step by step process, I couldn't be happier!”

BRODIE
PROFESSIONAL IN DUBBO

“ The experience of setting up our heat pump through Ecogenica was so easy and straight forward. The before and after service were exceptional and applying for the rebate was made so easy!”

ROWAN AND SARAH
HOMEOWNERS IN NEWCASTLE



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Specifications

Commercial Model*	EG-330FREC-WR	EG-300FREC-W	EG-215FREC-W
Wi-Fi	Yes	Yes	Yes
Number of sensors	2	2	2
Tank Volume	330 L	290 L	215 L
Input Power	1020 W	750 W	630 W
Energy Savings	75.69%	80.70%	79.00%
Suitable rooms	3 to 6	3 to 5	1 to 2
Recovery rate (Litres/Hour)	99	89	80
Set hot water temperature °C (residential/commercial)	60 / 65*	60 / 65*	60 / 65*
Heat Pump Heating Capacity	4998 W	3975 W	3276W
COP	4.51 W/W	5.3 W/W	5.2 W/W
Booster Electric Element Heat Capacity	4800W	3600W	3600W
Fittings (inlet & outlet)	32mm / G1 ¼	20mm / G ¾	20mm / G ¾
Return inlet	32mm / G1 ¼	N/A	N/A
Height	1815 mm	1850mm	1815 mm
Width	620 mm	570mm	510mm
Heat Pump Size Height	610 mm	545mm	545mm
Width	840 mm	780mm	780mm
Depth	313mm	276mm	276mm
Circuit breaker Amps:	32	20	20
Power Supply	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz
Operating Temperature Range	-7°C ~+43°C	-7°C ~+43°C	-7°C ~+43°C
Refrigerant Type	R290	R290	R290
Protection Ranking Class	IPX4	IPX4	IPX4
Connection	Split Quick	Split Quick	Split Quick

All temperature is measured in 20 degrees Celsius; water temperature rise 40 degrees Celsius.

Energy Savings are at 55 degrees Celsius. Commercial (C) models heat to 65 degrees Celsius, and efficiency decreases at higher temperature. Recovery rate is 40 degrees temperature rise / 20 degrees ambient / 55 degrees water temperature. Quantity showers @ 40 degrees / 35 liters/ shower.

Recovery rates will vary with environmental conditions. Default setting +60 °C residential models/65°C commercial models. Outlet Water Temperature must be less than 50°C hot water outlets. Inlet Water Temperature +14°C Dry Bulb Temperature +19°C Wet Bulb Temperature +15°C Commercial models have a higher set temperature. Please contact us for details on commercial installations.

*For commercial series. **Reducer to 20mm / G ¾ available on 330 model.

All listed specifications are measured at inlet water temperature +14°C; Dry Bulb Temperature +19°C, wet bulb temperature 15 °C and hot water set point 55°C .Recovery rates vary with environmental conditions.

This water heater is with fully welded enamel tank meeting the design requirements: AS 2712 and AS 60335. This water heater complies with AS 3498 and AS/NZS 1677.2. Maximum allowable pressure:4.4MPa

“ECOGENICA® takes your hot water experience to a new level, delivering piping hot water at an economical price, pushing back against rising energy bills, putting you back in control, and saving money for the things that matter..”



ECOGENICA

Your new ECOGENICA® W-Series series heat pump uses a small amount of energy to meet your hot water needs. Heat is absorbed by ozone-friendly R290, a natural refrigerant which does not contribute to global warming.

We support the Australian Government in its commitment to transforming our energy supply system into one that is cheap, clean and reliable.

This lays the foundation for future generations to enjoy more secure, reliable and affordable energy.

You can choose an ECOGENICA® product safe in the knowledge that our innovative technology is focused on energy and environment savings. Our hot water pumps are CFC free and utilize renewable energy, extracted from the air.



Call 1300 341 010
Visit ecogenica.com.au

ECOGENICA®

A smart choice for the environment, a smart choice for you