



ECONOVA DATA SHEET

Wi-Fi Enabled
Hot Water Heat Pump

ECON-300RVW
ECON-300RVW-2.0E

April 2025

Specifications

Model	ECON-300RVW	ECON-300RVW-2.0E
Hot Water Capacity	290 Litres	290 Litres
Heating Capacity Watts	2650	2650
Maximum input current (A)	3	11.7
Rapid Boost Element (KW)	No	2
RCBO Current Rating (A)	16	20
Refrigerant/Charge (grams)	R290/380	R290/380
Application	Residential	Residential
1st Hour Delivery (Litres)	>300	>300
Tank Dimension(mm)	φ640*2005	φ640*2005
Storage Tank Litres	290	290

1. Heat Pump activation Set Point at mid sensor on residential models is 55 degrees.
2. All models power supply: 220-240V/50Hz
3. All models operating temperature range: -7°C ~+43°C
4. All Fittings (inlet & outlet): 20mm / G ¾
5. Maximum water temperature: 70 degrees Celsius
6. Protection Ranking Class: IPX4
7. RVW models come with high efficiency DC compressor and advanced, variable frequency control. RW models come with optimised AC fixed speed compressor and fans
8. 1st hour hot water delivery = storage + hot water produced in the 1st hour. Typical production in 50 to 60 litres/hour depending on the model and the weather conditions.
9. RVW-E models are the same as RVW models, except for 2 kW or 4.8 kW Rapid Boost Emergency Elements.
10. Rapid Boost is activated from the top sensor and provides additional heat to the upper tank only, to provide heating under excessive load, or emergency hot water consumption.

Legionella control methods

The following models comply with AS 3498 legionella control with a weekly heating cycle using the bottom sensor to ensure at least 90% of the tank volume is heated to at least 60C for 32 minutes - performed at 2.am for convenience.

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Connections and Dimensions

ECON-300RVW (no
element)
Econ-300RVW-2.0E

