

LEADING THE WAY IN HEATING INNOVATION

ECOGENICA® Heat Pumps for a Sustainable future



The Ecogen290

Designed from the ground up to meet the cold weather requirements of UK homes, the Ecogen290 range of monobloc heat pumps delivers the highest energy savings (A+++), for a cheaper and more sustainable future.



The Ecogen290 range consists of 4 models, certified by both MCS and KEYMARK, and has been specifically designed, manufactured and individually tested in-house to meet the heating and hot water requirements of UK homes.



POWERFUL HEATING AND HOT WATER Operates in ambient temperature ranges of -15°C to +40°C, with advanced de-icing, heat injection and control technology providing heating and hot water whenever required, even in the most extreme weather conditions.



OPTIMISED ENERGY SAVINGS Sophisticated (VFD) algorithms that dynamically adjust operating parameters, such as voltage and frequency, to align with heating loads, ensuring reduced energy consumption and lower operating noise.



LOW ENVIRONMENTAL IMPACT Employing the newest generation of natural refrigerants, R290, the Ecogen290 has superior energy efficiency and a low GWP of 3, meaning it has a relatively low environmental impact compared to other refrigerants (R32 has a GWP of 675).



EASY INSTALLATION With 3 Accessory Kits to cover every system configuration and an easy-to-follow installation manual, the Ecogen290 provides an easier and quicker installation saving time and money.



WI-FI ENABLED APP Simple and user-friendly interface allowing homeowners to remotely access and control their heating and/or hot water with the ability to zone, monitor energy consumption and more.



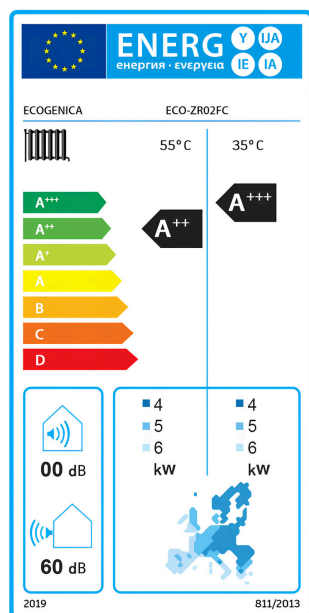
WARRANTY COVER & SUPPORT Choice of standard or premium cover providing 5 years peace of mind through a simple and quick registration process ensuring installation compliance.



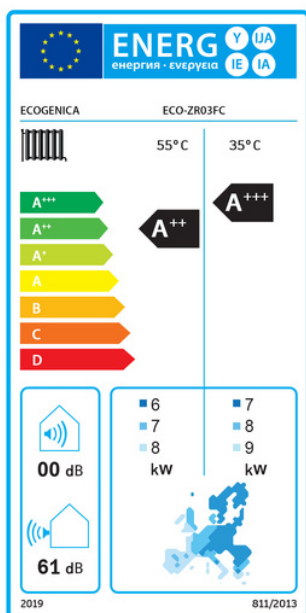
ECOGENICA

KEY DATA BY MODEL

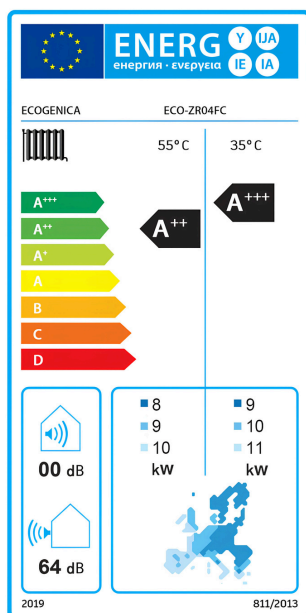
	Ecogen290-5	Ecogen290-8	Ecogen290-11	Ecogen290-16
Model Number	ECO-ZR02FC	ECO-ZR03FC	ECO-ZR04FC	ECO-ZR06FC
SCOP (w/w) at 35°C (source: MCS)	4.91	4.63	4.45	5.13
SCOP (w/w) at 55°C (source: MCS)	3.69	3.55	3.40	3.71
ERP Level (Air 7°C, Water 35°C)	A+++	A+++	A+++	A+++
ERP Level (Air 7°C, Water 55°C)	A++	A++	A++	A++
Refrigerant Type	R290			
Wi-Fi Enabled	YES			
Heating - Air 7°C, Water 35°C				
Heating Capacity Range (kW)	2.5~7.5	3.5~11.5	5.2~14.5	7.8~22.5
Heating Power Input Range (kW)	0.55~2.0	0.72~2.7	1.05~3.6	1.6~6.4
Heating - Air 7°C, Water 55°C				
Heating Capacity Range (kW)	2.3~6.5	3.0~10.8	4.6~13.7	6.5~20.8
Heating Power Input Range (kW)	0.65~2.2	0.85~4.2	1.3~5.4	1.75~7.8
Max Power Input (kW)	2.8	4.6	5.75	8.9
Max Current Input (A)	13	20	25	13.5
Power Supply	220-240V~/50Hz			380~415V/3N~/50Hz
Compressor Type	ROTARY			
Noise dB(A)	60	61	64	69
Water Connection (inch)	1	1	1.25	1.25
Water Flow Volume (L/Min)	20.0	28.3	34.0	51.0
Unit Net Dimensions L x W x H (mm)	1045 x 400 x 805	1205 x 475 x 845	1205 x 475 x 1015	1205 x 475 x 1435
Net Weight (kg)	85	119	137	198
Tested to BS EN 14511-1:2013				



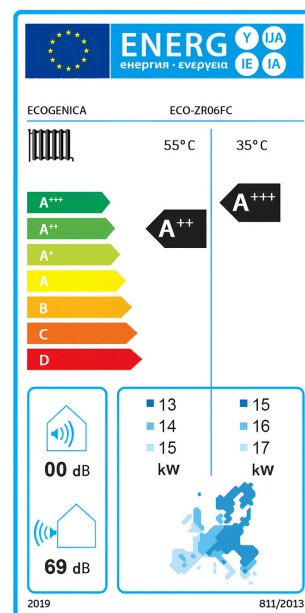
ECO - ZR02FC



ECO - ZR03FC



ECO - ZR04FC



ECO - ZR06FC

Ecogenica is an Australian owned designer and developer of Heat Pumps with its own dedicated manufacturing facility. We have installed over 350,000 Heat Pumps helping Australian homes lower their energy costs.

We take pride in our ability to combine technology innovation, customisation and unparalleled customer service and technical support at unbeatable prices whilst maintaining the highest standards in product quality and reliability.

Should you have any questions or require further information, please do not hesitate to contact us at:

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