

Rinnai Enviroflo AR & GR series

Heat Pump Water Heaters

Product Release Summary

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Rinnai Australia

Rinnai

Introducing Rinnai Enviroflo AR & GR series Heat pump

Following on from the current imported and our locally designed and manufactured V2 250L & 315L heat pumps we have further looked for ways to expand and improve our heat pump offering to the market.

With the imminent launch of our new Enviroflo AR & GR series, our heat pump offering will bring a broader range, better performance, higher efficiency and larger capacities ranging from 215L all the way up to 340L. This comprehensive line up is the largest All-in-One product range on the Australian market. Furthermore, the new large capacity 300L & 340L AR series is designed, engineered and made in Australia

Rinnai continues to provide Australians with reliable hot water supply helping grow Rinnai to become a household name. Rinnai, total home comfort, creating a healthier way of living



Features and Benefits

- Energy Efficient** – Using up to 70% less energy than a standard electric storage tank to heat your water.
- Environmentally Sustainable** – 355 to 395g charge of high efficiency R290 refrigerant with a low Global Warming Potential of just 0.02.
- Adaptable for All Climates** - Can be installed anywhere in Australia in ambient conditions from -7 to 45°C
- Choice** - Available in 215 - 340L sizes to suit growing household needs
- Quiet Operation** - Highly efficient with whisper quiet operation < 46 dB for the GR series
- In-built boost electric element** - to ensure you never run out of hot water
- Built in anti-frost** - to protect the condenser in those colder climates
- Auto disinfection** - preventing the potential growth of legionella
- PV compatible** - Can be networked with solar PV
- Off-Peak compatible** - For those who wish to run the system “Off-Peak” when the electricity price is lower
- Warranty** - 7 years cylinder, 3 years compressor, 1 year parts.

Additional AR Series benefits

- Australia Made** - The AR series is proudly designed, engineered & made in Australia
- Height** - AR 300L has a lower height than the GR 300L, the AR 340L is lower than the superseded V2 315L
- Lower Operation Noise** - Highly efficient with whisper quieter operation < 45 dB
- Low Ambient Performance** - Higher compressor performance improves water heat up time

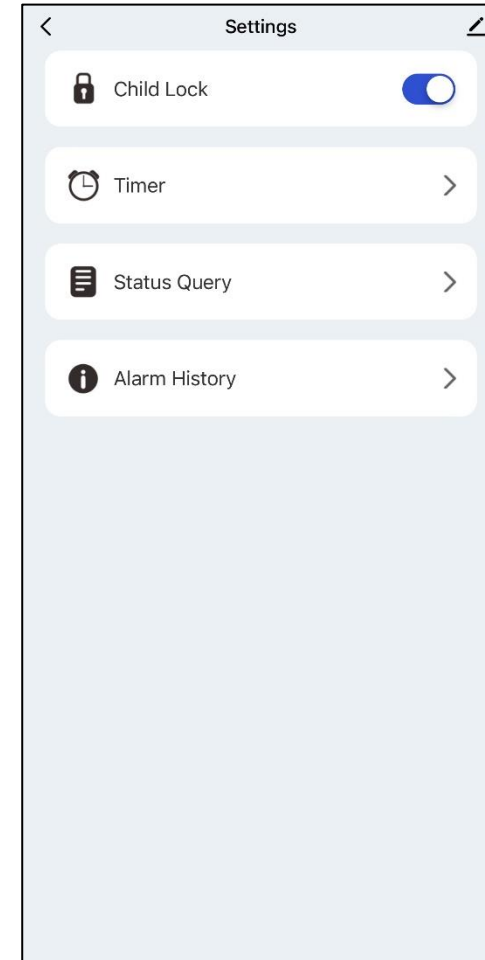
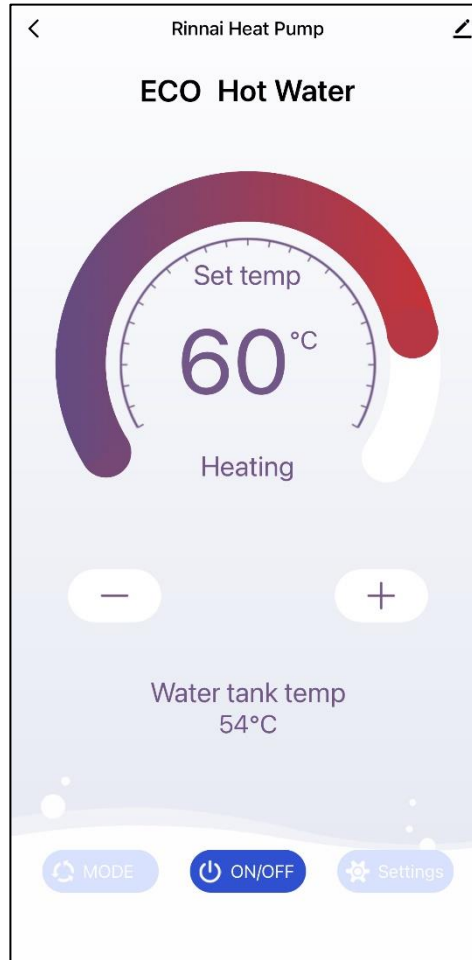
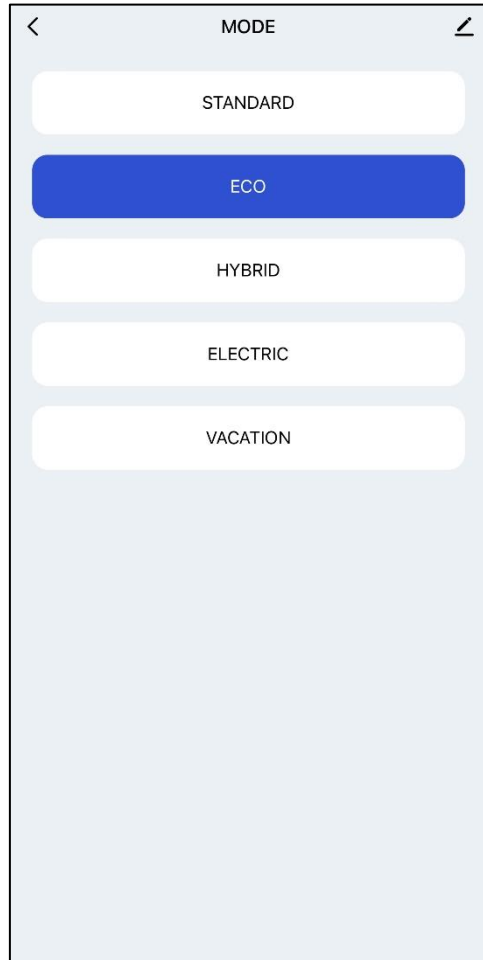


AR series



GR series

Convenient control with Wifi App



EHP Transition

Volume (L)	Current	Future
180	EHPT180VM	Discontinued
215	EHPS215VM	EHPG215VM
250	EHPA250VM/EHPA250VMH	Discontinued
280	-	EHPG280VM
300	-	EHPG300VM
300	-	EHPA300VM/EHPA300VMH
315	EHPA315VM/EHPA315VMH	Discontinued
340	-	EHPA340VM/EHPA340VMH



List Price



AR series

Model	Volume	List Price
GR Series		
EHPG215VM	215L	\$3900
EHPG280VM	280L	\$4300
EHPG300VM	300L	\$4500
AR Series		
EHPA300VM	300L	\$4750
EHPA300VMH (Hard Water)	300L	\$4825
EHPA340VM	340L	\$5000
EHPA340VMH (Hard Water)	340L	\$5075



GR series

Rinnai Model Comparisons V2 vs AR series



Series		V2	V2	AR	AR
Model		EHPA250VM	EHPA315VM	EHPA300VM	EHPA340VM
Net Weight/Filled Weight (kg)		123/400	138/451	128/428	138/478
Tank Volume (L)		250	315	300	340
Sound Level		48 dB(A)		45 dB(A)	
Ambient Temperature Limits (for heat pump operation - element will operate beyond these limits) (°C)		1°C to 45°C		-7°C to 45°C	
Ingress Protection		IP24		IP24	
Storage Cylinder - Hot outlet and Cold Inlet Connections		ISO 7.1 ¾" RP		ISO 7.1 ¾" RP	
Storage Cylinder - PTR valve connection		ISO 7.1 ¾" RP		ISO 7.1 ¾" RP	
Pressure and Temperature Relief (PTR) supplied valve settings/ratings		1000 kPa / 46kW		1000 kPa / 46kW	
ECV Fitted	Fit PLV if mains pressure exceeds	680 kPa		680 kPa	
	Recommended PLV pressure rating	500 kPa		500 kPa	
ECV not fitted	Fit PLV if mains pressure exceeds	800 kPa		800 kPa	
	Recommended PLV pressure rating	500 kPa		500 kPa	
Refrigerant Type / Mass		R290 / 270 g		R290 / 380g	
Rated Input Electric Element (Factory Wired)		2.4kW		2.4kW	
Rated Input Refrigeration Module (Factory Wired)		1.0kW		1.2kW	
Total Rated Input (To be wired by installer)		3.4kW		3.4kW	
Maximum Energy Output (Use to size PTR)		7.6kW		7.5kW	
Power Supply		220V-240V AC/50 Hz.		220V-240V AC/50 Hz.	
Rated Current		15 Amps		15 Amps	
Refrigerant Circuit Maximum Pressure		3800 kPa		3000 kPa	
Coefficient Of Performance (COP)	32.6°C Ambient	6.9		8.4	
	21.1°C cold water inlet				
Heat Output	32.6°C Ambient	4.6kW		4.4kW	
	21.1°C cold water inlet				
Cylinder Height (mm)		1847	2134	1+25	2095
Hot water outlet/PTR height (mm)		1215	1430	1259	1429
Cylinder Diameter (mm)		627		652	
Wifi Function via App	Temperature setting	✓		✓	
	Mode Selection	✓		✓	
	Timer Setting	✓		✓	
	Operation Check	✓		✓	
		STCs - 1/1/24 to 31/12/24		STCs - 1/1/24 to 31/12/24	
STC Zone 1		18	18	18	18
STC Zone 2		17	16	17	16
STC Zone 3		21	21	21	21
STC Zone 4		22	21	23	23
STC Zone 5		21	20	23	22



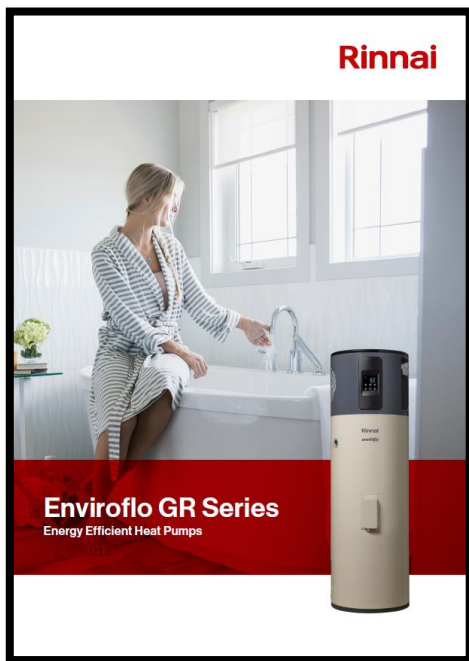
Rinnai Model Comparisons A/B series vs GR Series



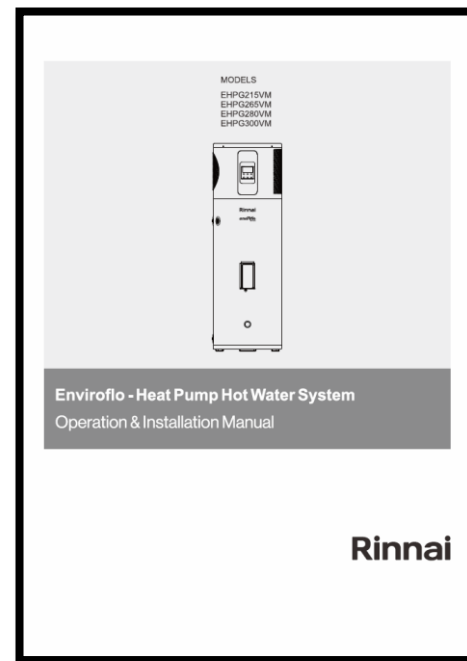
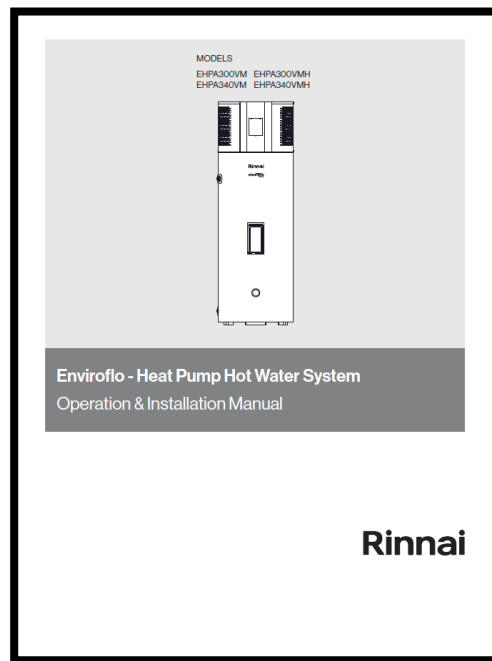
Series	A Series		B Series	GR	GR	GR
Model	EHPT180VM	EHPS215VM	EHPG215VM	EHPG280VM	EHPG300VM	
Net Weight/Filled Weight (kg)	100/281	108/121	109/324	120/400	124/424	
Tank Volume (L)	180	215	215	280	300	
Sound Level	48 dB(A)	46 dB(A)	46 dB(A)			
Ambient Temperature Limits (for heat pump operation - element will operate beyond these limits) (°C)	-7°C to 43°C			-7°C to 45°C		
Ingress Protection	IPX4			IP24		
Storage Cylinder - Hot outlet and Cold Inlet Connections	ISO 7.1 ¾" RP			ISO 7.1 ¾" RP		
Storage Cylinder - PTR valve connection	ISO 7.1 ¾" RP			ISO 7.1 ¾" RP		
Pressure and Temperature Relief (PTR) supplied valve settings/ratings	850 kPa / 30kW	850 kPa / 46kW	1000 kPa / 10kW			
ECV Fitted	Fit PLV if mains pressure exceeds	550 kPa		680 kPa		
	Recommended PLV pressure rating	450 kPa		500 kPa		
ECV not fitted	Fit PLV if mains pressure exceeds	680 kPa		800 kPa		
	Recommended PLV pressure rating	500 kPa		500 kPa		
Refrigerant Type / Mass	R134a / 1kg	R290 / 380g	R290/355g	R290/395g		
Rated Input Electric Element (Factory Wired)	1.5 kW	2.1 kW	2.4kW			
Rated Input Refrigeration Module (Factory Wired)	0.9 kW	1.1 kW	1.2kW			
Total Rated Input (To be wired by installer)	2.4 kW	2.1 kW	3.3kW			
Maximum Energy Output (Use to size PTR)	5.5 kW	5.5 kW	7.0kW			
Power Supply	11 Amps (15 Amp plug fitted)	10 Amps (15 Amp plug fitted)	13.5 Amps (15 Amp plug fitted)			
Rated Current	2.4 kW	2.1 kW	3.3kW			
Refrigerant Circuit Maximum Pressure	2700 kPa	3000 kPa	3091 kPa			
Coefficient of Performance (COP)	7.5	7.6	7.6	8.5		
	Heat Output	2.4 kW	2.1 kW	3.8 kW	4.0 kW	
Cylinder Height (mm)	1730	1544	1875	1975	2055	
Hot water outlet/PTR height (mm)	1035	926	1227	1252	1332	
Cylinder Diameter (mm)	570	620	640			
Wifi Function via App	Temperature setting	✓		✓		
	Mode Selection	✓		✓		
	Timer Setting	✓		✓		
	Operation Check	✓		✓		
	STCs - 1/1/24 to 31/12/24			STCs - 1/1/24 to 31/12/24		
STCZone 1	17	17	18	18	18	
STCZone 2	16	16	17	17	17	
STCZone 3	20	20	21	21	21	
STCZone 4	21	21	23	23	23	
STCZone 5	21	21	23	23	23	

Resources

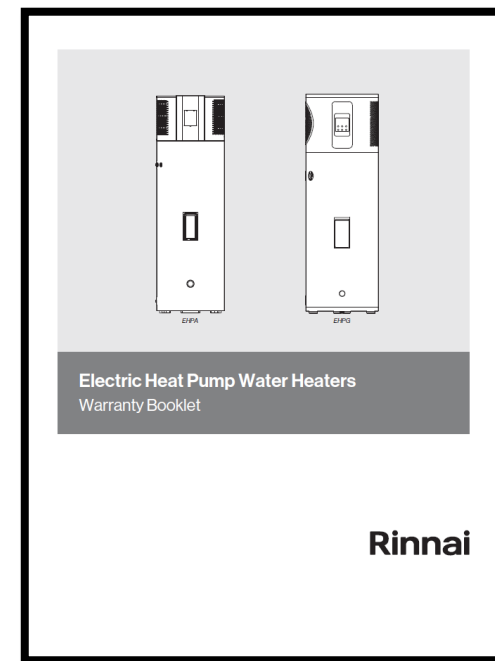
Brochures



Operation & Installation Manuals



Warranty Manual



Thank You

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