TECHNICAL DATA

Model			YT-120TI	YT-150TI	YT-200TI	YT-250TI	YT-300TI
Power Supply			220-240V~/1/50Hz				
Heating Capacity		W	950	950	1450	1450	1450
Rated Hot Water Production		L/h	20	20	31	31	31
Rated Power Input		W	250	250	370	370	370
Rated Current Input		A	1.1	1.1	1.6	1.6	1.6
COP		W/W	3.800	3.800	3.919	3.919	3.919
Air 20/15℃ (EN16147)	Load Profiles	/	M	L	L	XL	XL
	ERP Class	/	A++	A++	A++	A++	A++
	Mixed water at 40℃	L	144	173	231	293	331
	COP	W/W	3.198	3.767	3.906	3.965	3.933
	ηwh	%	137.28	156.83	165.4	164.2	162.8
Air 14/13℃ (EN16147)	Load Profiles	/	M	L	L	XL	XL
	ERP Class	/	A++	A+	A++	A+	A+
	Mixed water at 40℃	L	144	175	231	293	331
	COP	W/W	3.110	3.573	3.736	3.849	3.807
	ηwh	%	133.5	147.8	157.7	159.2	157.6
Air 7/6℃ (EN16147)	Load Profiles	/	M	L	L	XL	XL
	ERP Class	/	A+	A+	A+	A+	A+
	Mixed water at 40℃	L	139	174	230	293	329
	COP	W/W	2.644	2.983	3.043	3.253	3.149
	ηwh	%	112.08	120.6	127.2	133.9	129.5
Electric Heater	Rated Power Input	W	1500	1500	2000	2000	2000
	Rated Current Input	A	6.7	6.7	8.9	8.9	8.9
Power Input Max.		W	1950	1950	2550	2550	2550
Current Input Max.		A	8.7	8.7	11.3	11.3	11.3
Noise		dB(A)	46	46	48	48	48
Refrigerant Type／Charge／GWP		/	R290/0.15kg/3	R290/0.15kg/3	R290/0.15kg/3	R290/0.15kg/3	R290/0.15kg/3
CO_2 Equivalent		t	0.00045	0.00045	0.00045	0.00045	0.00045
Maximum water temperature		℃	75	75	75	75	75
Maximum water temperature of heat pump		℃	75	75	70	70	70
Working Ambient temperature		℃	-7~43	-7~43	-7~43	-7~43	-7~43
Operation Pressure(Low Side)		MPa	1.2	1.2	1.2	1.2	1.2
Operation Pressure(High Side)		MPa	3.2	3.2	3.2	3.2	3.2
Maximum Allowable Pressure		MPa	3.2	3.2	3.2	3.2	3.2
Electrical Shockproof		/	I	I	I	I	I
IP Class		/	IPX1	IPX1	IPX1	IPX1	IPX1
Compressor/Brand		/	GMCC	GMCC	GMCC	GMCC	GMCC
Water Tank Capacity		L	120	150	200	250	300
Water Piping Connections		In	G3/4“	G3/4“	G3/4“	G3/4“	G3/4“
TP valve specification		/	G3/4“	G3/4“	G3/4“	G3/4“	G3/4“
Anode (Mg/E)		/	Magnesium anode	Magnesium anode	Magnesium anode	Magnesium anode	Magnesium anode
Material		/	Enamel	Enamel	Enamel	Enamel	Enamel
Rated Working Pressure Of Tank		MPa	0.8	0.8	0.8	0.8	0.8
Air flow Rated		m³/h	250	250	350	350	350
Net Weight		kg	70	78	90	100	110
GrossWeight		kg	80	88	107	118	130
Unit Dimensions (L/W/H)		mm	Φ500*1500	Φ500*1730	Φ620x1645	Φ620x1875	Φ620x2045
Shipping Dimensions (L/W/H)		mm	570*570*1565	570*570*1785	700*700*1750	700*700*1980	700*700*2150

* Please refer to the nameplate for product upgrades or changes in specifications without prior notice.
* Draft parameters, refer to final specifications for actual performance.

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SolarEast



New A++ R290 Domestic Hot Water Heat Pump

Elegant design meets efficient water heating.

Solareast 120L–300L
R290 Domestic Hot Water Heat Pump



Eco-Friendly

- R290 refrigerant, ultra-low GWP = 3
- No F-gas restrictions, eco-compliant
- High efficiency with lower carbon footprint

Low Noise Operation

- Advanced compressor noise reduction
- Quiet running at just 46 dB(A)
- Ensures comfort without disturbance

Output Water Temp. Up To 75°C

- Meets high-demand hot water needs
- Ideal for residential and light commercial use

Hot Water Heat Pump

A++
energy efficiency

Perfect for compact
living spaces

120L-300L tank
capacity available

R290 eco-friendly
refrigerant

Outlet water
temperature up to 75℃

Easy to
install



What is the R290 Hot Water Heat Pump?

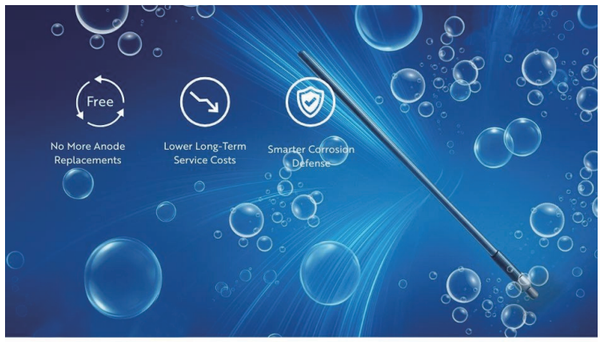
With the growing demand for eco-friendly energy solutions, the R290 Hot Water Heat Pump efficiently harnesses **75% of its energy from the surrounding air**. Designed for **homes, apartments, and light commercial use**, it provides a high-performance hot water solution for a wide range of applications.

Line-up	Voltage	120L	150L	200L	250L	300L
R290	1 Ø 220-240V	●	●	●	●	●

Electronic anode (optional)

Electronic anode.Always on guard - even when yourheater isn't.





Power Consumption Module

- Tracks daily energy use
- Optimizes operation for cost savings

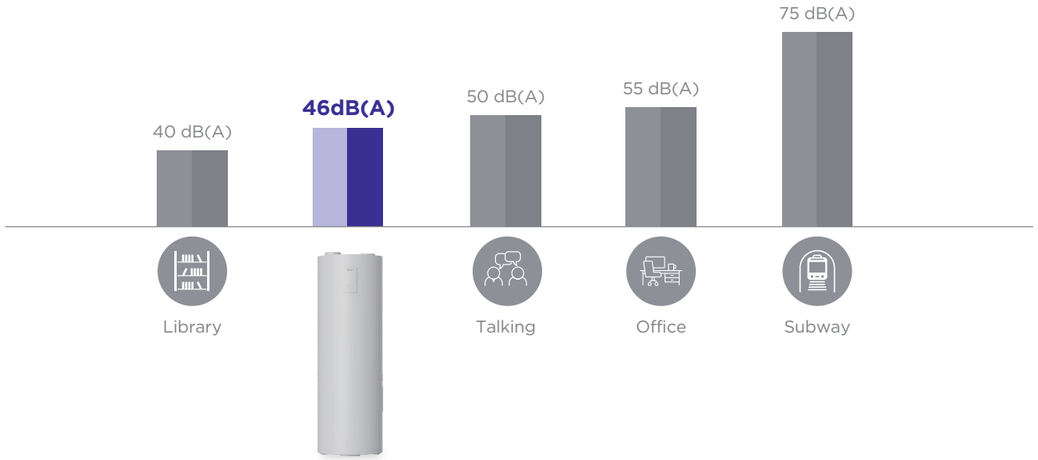
Smart & Easy Operation

- Wired or Wi-Fi control
- Real-time monitoring for convenience

Flexible Installation

- Detachable duct design
- Adapts to multiple installation scenarios





※ Sound pressure is 46 dB(A) based on Solareast test results.
※ The data are based on Solareast test measurements(sound pressure).
※ The data are derived from Solareast tests and simulations.
※ The data depend on experimental conditions and may vary according to the usage environment.

- Durability And Quality
- Low noise operation
- Integrated Heat Recovery Ducts
- Wi-Fi remote control for convenient operation
- Microchannel heat exchanger
- Efficient IoT Solution

Flexible Installation Locations


Bathroom


Laundry room


Garage


Storage room