TECHNICAL DATA

Model			YT-120TJ2	YT-150TJ2	YT-200TJ2	YT-250TJ2	YT-300TJ2
Power Supply			220-240V~/1/50Hz	220-240V~/1/50Hz	220-240V~/1/50Hz	220-240V~/1/50Hz	220-240V~/1/50Hz
Maximum water temperature		℃	75	75	75	75	75
Maximum water temperature of heat pump		℃	60	60	60	60	60
Heating Capacity		W	900	900	1400	1400	1400
Rated Hot Water Production		L/h	19.3	19.3	30	30	30
Rated Power Input		W	260	260	400	400	400
Rated Current Input		A	1.18	1.18	1.77	1.77	1.77
COP		W/W	3.45	3.45	3.50	3.50	3.50
Air 20/15℃ (EN16147)	Tapping	/	M	M	L	XL	XL
	ERP Class	/	A++	A++	A++	A+	A+
	COP	W/W	3.1	3.08	3.57	3.78	3.75
	ηwh	%	134.5	133.4	150.3	152.2	151.2
Air 14/13℃ (EN16147)	Tapping	/	M	M	L	XL	XL
	ERP Class	/	A+	A+	A+	A+	A+
	COP	W/W	2.85	2.79	3.39	3.50	3.49
	ηwh	%	123.9	123.1	141.7	144.3	143.9
Air 7/6℃ (EN16147)	Tapping	/	M	M	L	XL	XL
	ERP Class	/	A+	A+	A+	A+	A+
	COP	W/W	2.52	2.51	2.86	3.08	3.06
	ηwh	%	108.4	107.7	119.8	126.8	126.5
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	1870	1870	2600	2600	2600
Current Input Max.		A	8.19	8.19	11.5	11.5	11.5
Noise		dB(A)	53	53	55	55	55
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_2Equivalent		t	0.00045	0.00045	0.00045	0.00045	0.00045
Working Ambient temperature		℃	-7-43	-7-43	-7-43	-7-43	-7-43
Operation Pressure(Low Side)		MPa	0.8	0.8	0.8	0.8	0.8
Operation Pressure(High Side)		MPa	3	3	3	3	3
Maximum Allowable Pressure		MPa	3	3	3	3	3
Electrical Shockproof		/	I	I	I	I	I
IP Class		/	IPX1	IPX1	IPX1	IPX1	IPX1
Water Tank Capacity		L	118	147	200	244	278
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	350	350	400	400	400
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	Φ620×1645	Φ620×1875	Φ620×2045
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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202503 V1.0

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SolarEast



R290 Domestic Hot Water Heat Pump

Elegant design meets efficient water heating.



Solareast 120L/150L
Compact Domestic Hot Water Heater



Eco-Friendly

- R290 refrigrant, low GWP = 3
- No F-gas restrictions, eco-compliant
- Enhances heating efficiency

Compact & Efficient

- Space-saving design for limited areas
- Easy wall or floor installation
- Ideal for 2-3 people

Low Noise Operation

- Advanced compressor noise reduction
- Quiet performance at 53 dB(A)
- Ensures undisturbed home comfort

Hot Water Heat Pump

A++
energy efficiency

Perfect for compact
living spaces

120L/150L tank
capacity available

R290 eco-friendly
refrigerant

Outlet water
temperature up to 75℃

Easy to
install



What is the Compact Hot Water Heat Pump?

With the growing demand for eco-friendly energy solutions, the Compact Hot Water Heat Pump efficiently harnesses **75% of its energy from the surrounding air**. Designed for **small apartments**, it provides an energy-efficient hot water solution ideal for **2-3 users**.

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

suitable for Small Spaces



Storage room



Bathroom

Solareast Cozy
Domestic Hot Water Heater

Eco-Friendly

- R290 refrigrant, low GWP = 3
- No F-gas limit
- Enhances heat pump performance

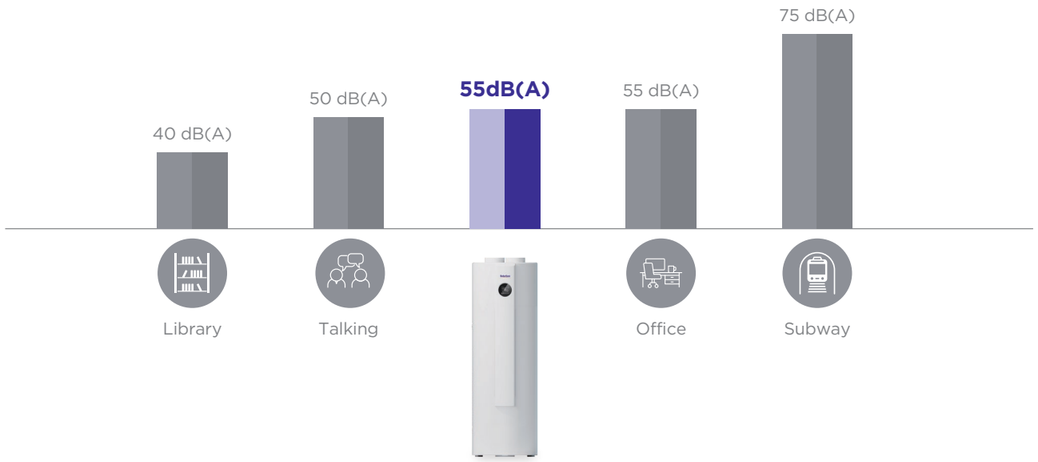
Easy Operation

- Wired controller
- Wi-Fi control
- Intuitive touchscreen LED display

Flexible Installation

- Detachable duct design
- Adaptable to various application





※ Sound pressure is 55 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.

A++
energy efficiency

Low noise
operation

Max water temperature
up to 75°C

Wi-Fi remote control for
convenient operation

Microchannel
heat exchanger

200L/250L/300L
tank capacity available

Flexible Installation Locations


Bathroom


Laundry room


Garage