smart saver

E-BOOST HOT WATER HEAT PUMP ALL IN ONE SYSTEM

LOW-COST HEAT PUMP WATER HEATER TO MINIMIZE ENVIRONMENTAL IMPACT & MAXIMIZE ENERGY EFFICIENCY

Save up to **77%**[2] Energy Cost **13**[3] Tonnes CO_2e compared to conventional electric water heater

Save up to **7**[4] Tonnes CO_2e compared to conventional gas water heater

POWERFUL FEATURES

- Error code
- Easy-to-access E-Box
- R290 application
- Eligible for government incentives
- Light weight design
- Low operating noise
- Power outage memory
- Wi-Fi enable
- Solar PV ready
- Energy-Efficient heat pump technology

RELIABLE PROTECTION

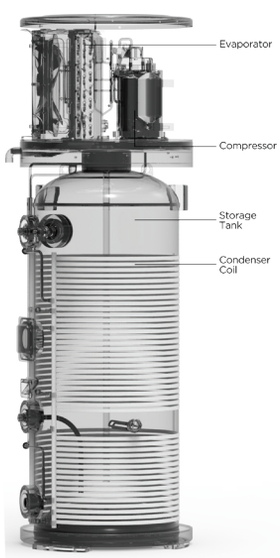
- Wider operating range between -20°C & 47°C
- Built in Frost Protection
- Auto & Manual disinfection

HOW DOES MIDEA SMART SAVER WORK?

Step 1: A fan draws in air, containing heat energy, across the evaporator. The evaporator turns the liquid refrigerant into a gas.

Step 2: The compressor pressurises the refrigerant into a hot gas.

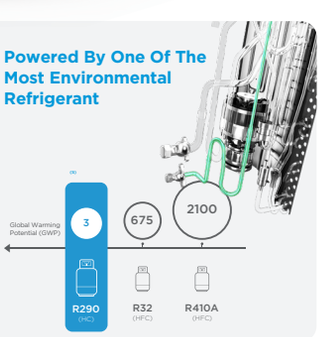
Step 3: The hot gas inside the condenser coil heats the water inside the coil-wrapped tank. The refrigerant reverts back to a liquid after heating the water and continues to the evaporator for the process to start again.



Smart Heat Pump Technology With 400% Remarkable Efficiency

From 1 kW of power input, Midea Smart Saver can create over 4 kW's of output heat. That's a performance efficiency of a remarkable 400%. Where as conventional electric storage water heaters can only convert 1 kW of input power into a maximum of 1 kW of output heat.

Powered By One Of The Most Environmental Refrigerant



SPECIFICATION

Sale Model	RSJ-23/300RDN7-L2-C	RSJ-23/300RDN7-L2-D
Storage size (L)	280	280
Runining ambient temp - HP only (°C)	-7 ~ 43	-7 ~ 43
Runining ambient temp - HP & E-Heater (°C)	-20 ~ 45	-20 ~ 45
Out water Temp. (°C)	Default 65°C, 55°C-70°C	Default 65°C, 55°C-70°C
Power supply (Ph / V / Hz)	1 / 220-240 / 50	1 / 220-240 / 50
Capacity - HP Only (kW)	2.5	2.5
COP (kW/kW)	4.6	4.6
Max. current (A)	18.3	20.7
Dimension (DxH) (mm)	650 x 650 x 1962	650 x 650 x 1962
Net/gross weight (kg)	138 / 170	140 / 172
Sound pressure level (dB(A))	48	48
Refrigerant type/quantity (kg)	R290 / 0.42	R290 / 0.42
System protection	TCO, PTR vaive, automatic defrosting, over-load protector, high-pressure protecor	TCO, PTR vaive, automatic defrosting, over-load protector, high-pressure protecor
Air flow (L/S)	222	222
Water inlet pipe (mm)	DN20	DN20
Water outlet pipe (mm)	DN20	DN20
Drainage pipe (mm)	DN20	DN20
PT valve joint (mm)	DN15	DN15
Max. pressure (kPa)	850	850
E-heater (kW)	3.25	4.1

VEECS 2026

Activity	VEEC 1D Metro		VEEC 1D Regional		VEEC 1D Metro		VEEC 1D Regional	
	Zone 4	Zone 5	Zone 4	Zone 5	Zone 4	Zone 5	Zone 4	Zone 5
RSJ-23/300RDN7-L2-C	8	8	8	8	8	8	8	8
RSJ-23/300RDN7-L2-D	8	8	8	8	8	8	8	8
Activity	**ESC D17 Metro**		**ESC D17 Regional**		**ESC D19 Metro**		**ESC D19 Regional**	
	Zone 3	Zone 5	Zone 3	Zone 5	Zone 3	Zone 5	Zone 3	Zone 5
RSJ-23/300RDN7-L2-C	29	31	30	32	15	16	15	16
RSJ-23/300RDN7-L2-D	26	28	27	29	12	13	12	12

STC 2026

Activity	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
RSJ-23/300RDN7-L2-C	12	12	15	16	16
RSJ-23/300RDN7-L2-D	13	13	16	17	17

* STC: Valid until 01.01.2026 to 31.12.2026
* Product approval by VEU, CER and IPART
* Terms & conditions apply - contact us for more details
* 1D: HPWH replacing electric water heater; 3C: HPWH replacing gas water heater
  D17: HPWH replacing electric water heater; D19:HPWH replacing gas water heater

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