

Combo Type 300L(50Hz)

RSJ-35/300RDND3-D
RSJ-35/300RDND3-D(S)(1*)

COP: 3.6
(A15/12, W15/45)
Ambient: -20°C~43°C

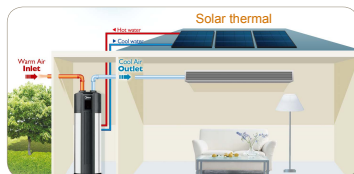


Features

- R134a gas, environmentally friendly.
- Water output temperature: 38°C~60 °C.
- Multiple modes: Economical, E-heater, and Vacation.
- CE, Intertek approval. StandardsMark, WaterMark and SAA approval for RSJ-35/300RDND3-D
- Built-in heater exchanger, compatible to solar thermal or boilers.(Optional)
- Automatic weekly anti-legionella function.
- 30Pa air outlet pressure enables a duct length up to 10 meters.
- Multi protection: PT valve, double high water temperature protection switches.(Manual/Automatic).
- Four-way valve for automatic defrosting.
- No contamination potential, the condenser coil is wrapped around outside the tank.
- Close Refrigerant circuit, easy for plumber installation.

Flexible duct installation

Living room



Dining room



Cellar



Storage room



Specifications

Model		RSJ-35/300RDND3-D(S)		RSJ-35/300RDND3-D	
Running mode		Economy	E-heater	Economy	E-heater
Running ambient temperature	°C	-7~43	-20~45	-7~43	-20~45
Outwater temperature	°C	Default 55°C,38°C~60°C			
Power supply	V-Ph-Hz	220-240~ -1-50			
Storage size	Ltr	300			
Water heating	Capacity	kW	3.00	3.00	3.00
	COP	kW/kW	3.60	1.00	3.60
	Max. current	A	18.7	13.0	18.7
Ambient temperature	°C	-20~45			
Unit	Dimension (D×H)	mm	Φ650×1,920		
	Packing (W×H×D)	mm	750×2,150×780		
	Net/gross weight	kg	123/144		117/144
Noise level	dB(A)	48			
Refrigerant type/quantity	kg	R134a/1.2			
Refrigerant design pressure	MPa	3.0/1.2			
Tank design pressure	MPa	0.15~1.2			
Throttling type		Electric expansion valve			
System protection		TCO1, TCO2, PT valve, automatic defrosting, high-pressure protector, over-load protector, etc.			
Air flow	m³/h	414/355/312			
Compressor	Type	Rotary			
	Brand	Mitsubishi			
	Capacity	kW	2.785/3.355		
Fan motor	Input	kW	0.895/1.095		
	Speed	r/min	68/56/50		
Water pipeline	Water inlet pipe	mm	DN20		
	Water outlet pipe	mm	DN20		
	Drainage pipe	mm	DN20		
	PT valve joint	mm	DN20		
	Max.operating pressure	MPa	1.0		
Heat exchanger		Dividing wall type heat exchanger			
Solar heat exchanger	Water inlet pipe	mm	DN20	/	
	Water outlet pipe	mm	DN20	/	
	Heat exchanger		Stainless steel SUS316L		
	Dim.×Length	mm	22×10,000		
Max. pressure	MPa	0.7			
E-heate	kW	3.0			
Hot water yield	m³/h	0.086			
Applicable persons		5~6			
Loading Quantity	20'/40'/40H	Pcs	214/5/45		

Remark:

1. The test conditions: outdoor temperature 15/12°C(DB/WB), inlet water temperature 15°C, outlet water temperature 45°C.
2. The specifications may be changed for product improvement, please refer to the nameplate.

NOTE:

(1*)RSJ-35/300RDND3-D(S) with solar coil
RSJ-35/300RDND3-D without solar coil