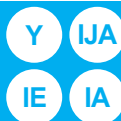




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Midea

RSJ-15/275RDN7-L1



54 dB



54 dB

■ -	■ -
■ 1267	■ -
■ 1190	■ -
kWh/annum	GJ/annum



2017

812/2013

Technical Document

Heat pump water heater		
Model:	RSJ-15/275RDN7-L1	
Manufacturer:	GD Midea Air-Conditioning Equipment Co., Ltd.	
Address:	Lingang Road Beijiao Shunde Foshan Guangdong People' s Republic of China 528311	
Denomination		Heat pump water heater
Intended use		Hot water
Power supply	Ph/V/Hz	220-240V~ 50Hz
Assembly type		Single package
Refrigerant		R290/0.15kg
Tank volume	L	275.0
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under average climate)	(%)	132.2/132
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under warmer climate)	(%)	140.7/141
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under colder climate)	(%)	107.3/107
The energy efficiency class of the model, determined in accordance with point 1 of Annex II		Class A ⁺
The annual electricity consumption AEC (average climate)	kWh/annum	1267
The annual electricity consumption AEC (warmer climate)	kWh/annum	1190
The annual electricity consumption AEC (colder climate)	kWh/annum	1561
The daily electricity consumption Q _{elec} (average climate)	kWh	5.875
The daily electricity consumption Q _{elec} (warmer climate)	kWh	5.512
The daily electricity consumption Q _{elec} (colder climate)	kWh	7.252
The sound power level in dB (indoor)	dB	54
The sound power level in dB (outdoor)	dB	54
Mixed water at 40°C V40	L	350
Load profiles of water heaters, Type:		XL
References of the standards		EN 12102-2:2019 EN 16147:2017+A1:2022
Smart declared value The weekly electricity consumption with smart controls Q _{elec,week,smart} in kWh; The weekly electricity consumption without smart controls Q _{elec,week} in kWh;		0 _____ _____
Any specific precautions that shall be taken when the water heater is assembled. installed or maintained		Please refer to the manual
The identification and signature of the person empowered to bind the supplier		

h		M				L				XL			
		Q_{tap}	f	T_m	T_p	Q_{tap}	f	T_m	T_p	Q_{tap}	f	T_m	T_p
		kWh	l/min	°C	°C	kWh	l/min	°C	°C	kWh	l/min	°C	°C
1	7:00	0.105	3	25		0.105	3	25		0.105	3	25	
2	7:05	1.4	6	40		1.4	6	40					
3	7:15									1.82	6	40	
4	7:26									0.105	3	25	
5	7:30	0.105	3	25		0.105	3	25					
6	7:45					0.105	3	25		4.42	10	10	40
7	8:01	0.105	3	25						0.105	3	25	
8	8:05					3.605	10	10	40				
9	8:15	0.105	3	25						0.105	3	25	
10	8:25					0.105	3	25					
11	8:30	0.105	3	25		0.105	3	25		0.105	3	25	
12	8:45	0.105	3	25		0.105	3	25		0.105	3	25	
13	9:00	0.105	3	25		0.105	3	25		0.105	3	25	
14	9:30	0.105	3	25		0.105	3	25		0.105	3	25	
15	10:00									0.105	3	25	
16	10:30	0.105	3	10	40	0.105	3	10	40	0.105	3	10	40
17	11:00									0.105	3	25	
18	11:30	0.105	3	25		0.105	3	25		0.105	3	25	
19	11:45	0.105	3	25		0.105	3	25		0.105	3	25	
20	12:00												
21	12:30												
22	12:45	0.315	4	10	55	0.315	4	10	55	0.735	4	10	55
23	14:30	0.105	3	25		0.105	3	25		0.105	3	25	
24	15:00									0.105	3	25	
25	15:30	0.105	3	25		0.105	3	25		0.105	3	25	
26	16:00									0.105	3	25	
27	16:30	0.105	3	25		0.105	3	25		0.105	3	25	
28	17:00									0.105	3	25	
29	18:00	0.105	3	25		0.105	3	25		0.105	3	25	
30	18:15	0.105	3	40		0.105	3	40		0.105	3	40	
31	18:30	0.105	3	40		0.105	3	40		0.105	3	40	
32	19:00	0.105	3	25		0.105	3	25		0.105	3	25	
33	19:30												
34	20:00												
35	20:30	0.735	4	10	55	0.735	4	10	55	0.735	4	10	55
36	20:45												
37	20:46									4.42	10	10	40
38	21:00					3.605	10	10	40				
39	21:15	0.105	3	25						0.105	3	25	
40	21:30	1.4	6	40		0.105	3	25		4.42	10	10	40
41	21:35												
42	21:45												
43	Q_{ref}	5.845				11.655				19.07			

Product Fiche

Heat pump water heater		
Trade Mark:		Midea
Model:		RSJ-15/ 275RDN7-L1
Load profiles of water heaters, Type		XL
The energy efficiency class of the model, determined in accordance with point 1 of Annex II		Class A ⁺
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under average climate)	(%)	132.2/132
The annual electricity consumption AEC (average climate)	kWh/annum	1267
Reference thermostat temperature settings of the water heater	°C	52
The sound power level in dB (indoor)	dB	54
The sound power level in dB (outdoor)	dB	54
If applicable, an indication that the water heater is able to work only during off-peak hours		No
Any specific precautions that shall be taken when the water heater is assembled, installed or maintained		Please refer to the manual
Smart declared value The weekly electricity consumption with smart controls $Q_{elec,week,smart}$ in kWh; The weekly electricity consumption without smart controls $Q_{elec,week}$ in kWh;		0 _____ _____
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under colder climate)	(%)	107.3/107
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under warmer climate)	(%)	140.7/141
The annual electricity consumption AEC (colder climate)	kWh/annum	1561
The annual electricity consumption AEC (warmer climate)	kWh/annum	1190