



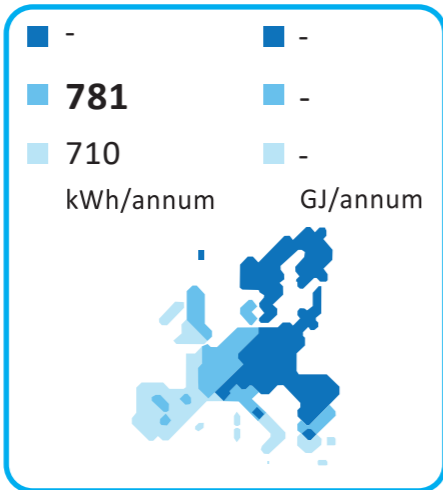
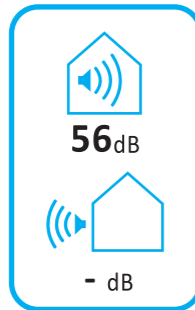
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**Midea**

RSJ-15/185RDN7-L1



**A<sup>+</sup>**




2017

812/2013



# Technical Document

Heat pump water heater		
Model:	RSJ-15/185RDN7-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	185
The water heating energy efficiency $\eta_{wh}$ (rounded to one decimal/the nearest integer under average climate)	(%)	131.1/131
The water heating energy efficiency $\eta_{wh}$ (rounded to one decimal/the nearest integer under warmer climate)	(%)	_____
The water heating energy efficiency $\eta_{wh}$ (rounded to one decimal/the nearest integer under colder climate)	(%)	_____
The energy efficiency class of the model, determined in accordance with point 1 of Annex II		Class A <sup>+</sup>
The annual electricity consumption AEC(average climate)	kWh/annum	780.8
The annual electricity consumption AEC(warmer climate)	kWh/annum	_____
The annual electricity consumption AEC(colder climate)	kWh/annum	_____
The daily electricity consumption $Q_{elec}$ (average climate)	kWh	3.705
The daily electricity consumption $Q_{elec}$ (warmer climate)	kWh	_____
The daily electricity consumption $Q_{elec}$ (colder climate)	kWh	_____
The sound power level in dB (indoors)	dB	56
Mixed water at 40°C V40	L	245
Load profiles of water heaters, Type:	L	
References of the standards	EN 12102-2:2019 EN 16147:2017	
Smart declared value(average climate) 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;	0.13 14.189 16.309	
Smart declared value(warmer climate) 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;	_____ _____ _____	
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 <sub>tap</sub>	f	T <sub>m</sub>	T <sub>p</sub>	Q <sub>tap</sub>	f	T <sub>m</sub>	T <sub>p</sub>	Q <sub>tap</sub>	f	T <sub>m</sub>	T <sub>p</sub>
		kWh	l/min	°C	°C	kWh	l/min	°C	°C	kWh	l/min	°C	°C
1	07:00	0.105	3	25		0.105	3	25		0.105	3	25	
2	07:05	1.4	6	40		1.4	6	40					
3	07:15									1.82	6	40	
4	07:26									0.105	3	25	
5	07:30	0.105	3	25		0.105	3	25					
6	07:45					0.105	3	25		4.42	10	10	40
7	08:01	0.105	3	25						0.105	3	25	
8	08:05					3.605	10	10	40				
9	08:15	0.105	3	25						0.105	3	25	
10	08:25					0.105	3	25					
11	08:30	0.105	3	25		0.105	3	25		0.105	3	25	
12	08:45	0.105	3	25		0.105	3	25		0.105	3	25	
13	09:00	0.105	3	25		0.105	3	25		0.105	3	25	
14	09:30	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		0.735	4	10	55
36	20:45												
37	20:46										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		5.845				11.655				19.07			

# Product Fiche

Heat pump water heater		
Trade Mark:	Midea	
Model:	RSJ-15/185RDN7-L1	
Load profiles of water heaters, Type	L	
The energy efficiency class of the model, determined in accordance with point 1 of Annex II	Class A <sup>+</sup>	
The water heating energy efficiency $\eta_{wh}$ (rounded to one decimal/the nearest integer under average climate)	(%)	131.1/131
The annual electricity consumption AEC(average climate)	kWh/annum	780.8
Reference thermostat temperature settings of the water heater	°C	53
The sound power level in dB (indoors)	dB	56
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(average climate) 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;		0.13 14.189 16.309
Smart declared value(warmer climate) 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;		_____ _____ _____
The water heating energy efficiency $\eta_{wh}$ (rounded to one decimal/the nearest integer under colder climate)	(%)	_____
The water heating energy efficiency $\eta_{wh}$ (rounded to one decimal/the nearest integer under warmer climate)	(%)	_____
The annual electricity consumption AEC(colder climate)	kWh/annum	_____
The annual electricity consumption AEC(warmer climate)	kWh/annum	_____