

Heat pump water heater		
Model:	FLR-HWH-80WH	
Manufacturer:	Century Carrier Residential Air-Conditioning Equipment Co., Ltd.	
Address:	Room 505, 5/F, Tower 3, Enterprise Square, 9 sheung Yuet Road, Kowloon Bay, Kowloon, Hong Kong	
Denomination	Heat pump water heater	
Intended use	Hot water	
Power supply	PhV/Hz	220-240V~ 50Hz
Assembly type	Single package	
Refrigerant	R290/0.15kg	
Tank volume	L	78
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under average climate)	(%)	112.2/112
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under warmer climate)	(%)	114.6/115
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under colder climate)	(%)	94.6/95
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	458
The annual electricity consumption AEC(warmer climate)	kWh/annum	448
The annual electricity consumption AEC(colder climate)	kWh/annum	543
The daily electricity consumption Q_{elec} (average climate)	kWh	2.407
The daily electricity consumption Q_{elec} (warmer climate)	kWh	2.122
The daily electricity consumption Q_{elec} (colder climate)	kWh	2.559
The sound power level in dB (indoors)	dB	54
Mixed water at 40°C V40	L	85
Load profiles of water heaters, Type:	M	
References of the standards	EN 12102-2:2019 EN 16147:2017	
Smart declared value(average climate)	1	
The weekly electricity consumption with smart controls $Q_{elec,week,smart}$ in kWh;	9.35	
The weekly electricity consumption without smart controls $Q_{elec,week}$ in kWh;	10.4	
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		



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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	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	Q _{ref}	5.845				11.655				19.07			

Product Fiche

Heat pump water heater		
Trade Mark:	Alarko Flair	
Model:	FLR-HWH-80WH	
Load profiles of water heaters, Type	M	
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)	(%)	112.2/112
The annual electricity consumption AEC(average climate)	kWh/annum	458
Reference thermostat temperature settings of the water heater	°C	55
The sound power level in dB (indoors)	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;		1 9.35 10.4
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under colder climate)	(%)	94.6/95
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under warmer climate)	(%)	114.6/115
The annual electricity consumption AEC(colder climate)	kWh/annum	543
The annual electricity consumption AEC(warmer climate)	kWh/annum	448

