


Heat pump water heater		
Model:	FLR-HWH-100WH	
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	Ph/V/Hz	220-240V~ 50Hz
Assembly type		Single package
Refrigerant		R290/0.15kg
Tank volume	L	98
The water heating energy efficiency $\eta_{wh}$ (rounded to one decimal/the nearest integer under average climate)	(%)	110.8/111
The water heating energy efficiency $\eta_{wh}$ (rounded to one decimal/the nearest integer under warmer climate)	(%)	113.7/114
The water heating energy efficiency $\eta_{wh}$ (rounded to one decimal/the nearest integer under colder climate)	(%)	91.9/92
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	463
The annual electricity consumption AEC(warmer climate)	kWh/annum	451
The annual electricity consumption AEC(colder climate)	kWh/annum	558
The daily electricity consumption Qelec(average climate)	kWh	2.435
The daily electricity consumption Qelec(warmer climate)	kWh	2.133
The daily electricity consumption Qelec(colder climate)	kWh	2.631
The sound power level in dB (indoors)	dB	54
Mixed water at 40°C V40	L	110
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;		9.45
The weekly electricity consumption without smart controls $Q_{elec,week}$ in kWh;		10.5
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 <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	Q <sub>ref</sub>	5.845				11.655				19.07			

# Product Fiche

Heat pump water heater		
Trade Mark:	Alarko Flair	
Model:	FLR-HWH-100WH	
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 <sup>+</sup>	
The water heating energy efficiency $\eta_{wh}$ (rounded to one decimal/the nearest integer under average climate)	(%)	110.8/111
The annual electricity consumption AEC(average climate)	kWh/annum	463
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 9.45 10.5
The water heating energy efficiency $\eta_{wh}$ (rounded to one decimal/the nearest integer under colder climate)	(%)	91.9/92
The water heating energy efficiency $\eta_{wh}$ (rounded to one decimal/the nearest integer under warmer climate)	(%)	113.7/114
The annual electricity consumption AEC(colder climate)	kWh/annum	558
The annual electricity consumption AEC(warmer climate)	kWh/annum	451

