

Heat pump water heater		
Model:	FLR-HWH-150WH	
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	145
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under average climate)	(%)	121.7/122
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under warmer climate)	(%)	137.2/137
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under colder climate)	(%)	102.7/103
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	843
The annual electricity consumption AEC(warmer climate)	kWh/annum	746
The annual electricity consumption AEC(colder climate)	kWh/annum	997
The daily electricity consumption Qelec(average climate)	kWh	4.360
The daily electricity consumption Qelec(warmer climate)	kWh	3.851
The daily electricity consumption Qelec(colder climate)	kWh	4.685
The sound power level in dB (indoors)	dB	56
Mixed water at 40°C V40	L	160
Load profiles of water heaters, Type:	L	
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;	17.6	
The weekly electricity consumption without smart controls $Q_{elec,week}$ in kWh;	19.3	
Smart declared value(warmer climate)	1	
The weekly electricity consumption with smart controls $Q_{elec,week,smart}$ in kWh;	15.8	
The weekly electricity consumption without smart controls $Q_{elec,week}$ in kWh;	17.3	
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	   ALARKO CARRIER SANAYİ VE TİCARET A.Ş.	

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-150WH	
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 ⁺	
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under average climate)	(%)	121.7/122
The annual electricity consumption AEC(average climate)	kWh/annum	843
Reference thermostat temperature settings of the water heater	°C	54
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;		1 17.6 19.3
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;		1 15.8 17.3
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under colder climate)	(%)	102.7/103
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under warmer climate)	(%)	137.2/137
The annual electricity consumption AEC(colder climate)	kWh/annum	997
The annual electricity consumption AEC(warmer climate)	kWh/annum	746

