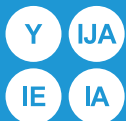


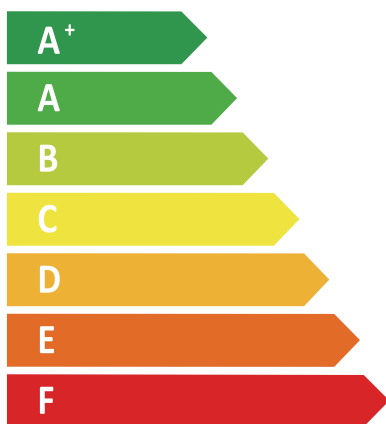


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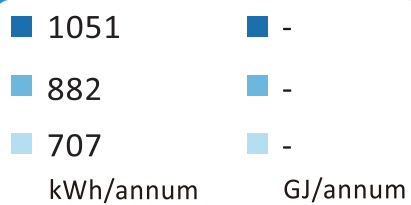
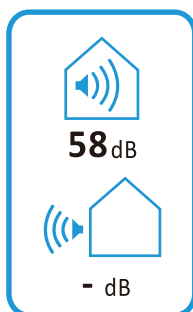



Kaysun

KHP-15/190 ACS2




A⁺



2017

812/2013

Technical Document

Heat pump water heater		
Model:	KHP-15/190 ACS2	
Manufacturer:	FRIGICOLL SA	
Address:	C/ BLASCO DE GARAY , 4-6 08960 SANT JUST DESVERN BARCELONA SPAIN	
Denomination	Heat pump water heater	
Intended use	Hot water	
Power supply	Ph/V/Hz	220-240V~ 50Hz
Assembly type	Single package	
Refrigerant	R134a / 1kg	
Tank volume	L	185
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under average climate)	(%)	116.1/116
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under warmer climate)	(%)	144.8/145
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under colder climate)	(%)	97.4/97
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	882
The annual electricity consumption AEC(warmer climate)	kWh/annum	707
The annual electricity consumption AEC(colder climate)	kWh/annum	1051
The daily electricity consumption Q _{elec} (average climate)	kWh	4.176
The daily electricity consumption Q _{elec} (warmer climate)	kWh	3.367
The daily electricity consumption Q _{elec} (colder climate)	kWh	5.021
The sound power level in dB (indoors)	dB	58
Mixed water at 40°C V40	L	239
Load profiles of water heaters, Type	L	
References of the standards	EN 12102-2:2019 EN 16147:2017	
Smart declared value	0	
The weekly electricity consumption with smart controls Q _{elec,week,smart} in kWh;	NA	
The weekly electricity consumption without smart controls Q _{elec,week} in kWh;	NA	
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	 C/ Blasco de Garay, 4-6 Tel. 93 480 33 22 08960-SANT JUST DESVERN	

h	L			
	Q_{tap}	f	T_m	T_p
	kWh	l/min	°C	°C
7:00	0,105	3	25	
7:05	1,4	6	40	
7:15				
7:26				
7:30	0,105	3	25	
7:45	0,105	3	25	
8:01				
8:05	3,605	10	10	40
8:15				
8:25	0,105	3	25	
8:30	0,105	3	25	
8:45	0,105	3	25	
9:00	0,105	3	25	
9:30	0,105	3	25	
10:00				
10:30	0,105	3	10	40
11:00				
11:30	0,105	3	25	
11:45	0,105	3	25	
12:00				
12:30				
12:45	0,315	4	10	55
14:30	0,105	3	25	
15:00				
15:30	0,105	3	25	
16:00				
16:30	0,105	3	25	
17:00				
18:00	0,105	3	25	
18:15	0,105	3	40	
18:30	0,105	3	40	
19:00	0,105	3	25	
19:30				
20:00				
20:30	0,735	4	10	55
20:45				
20:46				
21:00	3,605	10	10	40
21:15				
21:30	0,105	3	25	
21:35				
21:45				
Qref	11, 655			

Product Fiche

Heat pump water heater		
Trade Mark:	Kaysun	
Model:	KHP-15/190 ACS2	
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)	(%)	116.1/116
The annual electricity consumption AEC(average climate)	kWh/annum	882
Reference thermostat temperature settings of the water heater	°C	60
The sound power level in dB (indoors)	dB	58
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 NA NA
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under colder climate)	(%)	97.4/97
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under warmer climate)	(%)	144.8/145
The annual electricity consumption AEC(colder climate)	kWh/annum	1051
The annual electricity consumption AEC(warmer climate)	kWh/annum	707