



ENERG

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Kaysun

KHP-15/275 ACS3



XL



A⁺



54dB



54dB

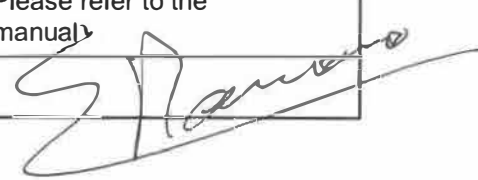
■ -	■ -
■ 1267	■ -
■ 1190	■ -
kWh/annum	GJ/annum



2017

812/2013

Technical Document

Heat pump water heater		
Model:	KHP-15/275 ACS3	
Manufacturer:	FRIGICOLL S.A.	
Address:	BLASCO DE GARAY, No 4-6 08960 SANT JUST DESVERNBARCELONA	
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	275
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under average climate)	(%)	132.2/132
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under warmer climate)	(%)	140.7/141
The water heating energy efficiency η_{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 ⁺
The annual electricity consumption AEC(average climate)	kWh/annum	1267
The annual electricity consumption AEC(warmer climate)	kWh/annum	1190
The annual electricity consumption AEC(colder climate)	kWh/annum	_____
The daily electricity consumption Q _{elec} (average climate)	kWh	5.875
The daily electricity consumption Q _{elec} (warmer climate)	kWh	5.512
The daily electricity consumption Q _{elec} (colder climate)	kWh	_____
The sound power level in dB (indoor)	dB	54
The sound power level in dB (outdoor)	dB	54
Mixed water at 40°C V40	L	350
Load profiles of water heaters, Type:	XL	
References of the standards	EN 12102-2:2019 EN 16147:2017+A1:2022	
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 _____ _____	
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;	0 _____ _____	
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_{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	7:00	0.105	3	25		0.105	3	25		0.105	3	25	
2	7:05	1.4	6	40		1.4	6	40					
3	7:15									1.82	6	40	
4	7:26									0.105	3	25	
5	7:30	0.105	3	25		0.105	3	25					
6	7:45					0.105	3	25		4.42	10	10	40
7	8:01	0.105	3	25						0.105	3	25	
8	8:05					3.605	10	10	40				
9	8:15	0.105	3	25						0.105	3	25	
10	8:25					0.105	3	25					
11	8:30	0.105	3	25		0.105	3	25		0.105	3	25	
12	8:45	0.105	3	25		0.105	3	25		0.105	3	25	
13	9:00	0.105	3	25		0.105	3	25		0.105	3	25	
14	9:30	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	55	0.735	4	10	55
36	20:45												
37	20:46									4.42	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:		KAYSUN
Model:		KHP-15/275 ACS3
Load profiles of water heaters, Type		XL
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)	(%)	132.2/132
The annual electricity consumption AEC (average climate)	kWh/annum	1267
Reference thermostat temperature settings of the water heater	°C	52
The sound power level in dB (indoor)	dB	54
The sound power level in dB (outdoor)	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;		0 _____ _____
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under colder climate)	(%)	_____
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under warmer climate)	(%)	140.7/141
The annual electricity consumption AEC (colder climate)	kWh/annum	_____
The annual electricity consumption AEC (warmer climate)	kWh/annum	1190