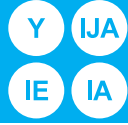




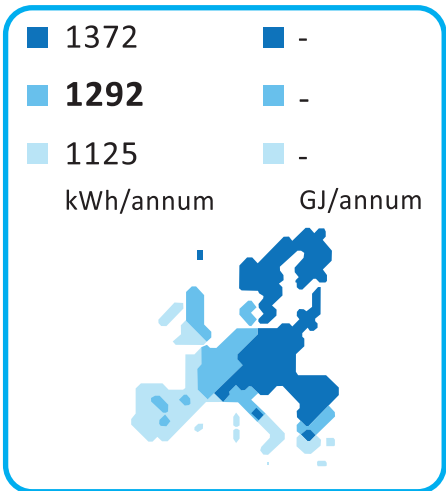
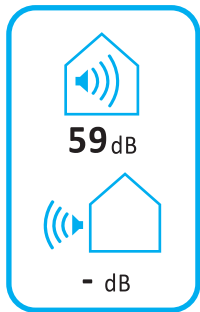
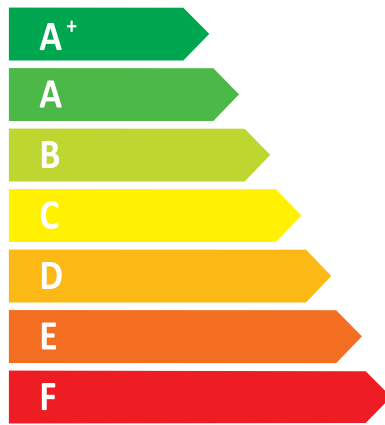
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Kaysun


KHP 20/300 ACS2



2017

812/2013

Technical Document

Heat pump water heater		
Model:	KHP 20/300 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	275
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under average climate)	(%)	135.1/135
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under warmer climate)	(%)	155.7/156
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under colder climate)	(%)	126.9/127
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	1292
The annual electricity consumption AEC(warmer climate)	kWh/annum	1125
The annual electricity consumption AEC(colder climate)	kWh/annum	1372
The daily electricity consumption Q_{elec} (average climate)	kWh	6.031
The daily electricity consumption Q_{elec} (warmer climate)	kWh	5.262
The daily electricity consumption Q_{elec} (colder climate)	kWh	6.414
The sound power level in dB (indoors/outdoor)	dB	59/NA
Mixed water at 40°C V40	L	370
Load profiles of water heaters, Type:	XL	
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	 Frigicoll S.A. C/ Blasco de Garay, 4-6 Tel. 93 480 33 22 08960-SANT JUST DESVERN	

h	XL			
	Q_{tap}	f	T_m	T_p
	kWh	l/min	°C	°C
7:00	0,105	3	25	
7:05				
7:15	1,82	6	40	
7:26	0,105	3	25	
7:30				
7:45	4,42	10	10	40
8:01	0,105	3	25	
8:05				
8:15	0,105	3	25	
8:25				
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	0,105	3	25	
10:30	0,105	3	10	40
11:00	0,105	3	25	
11:30	0,105	3	25	
11:45	0,105	3	25	
12:00				
12:30				
12:45	0,735	4	10	55
14:30	0,105	3	25	
15:00	0,105	3	25	
15:30	0,105	3	25	
16:00	0,105	3	25	
16:30	0,105	3	25	
17:00	0,105	3	25	
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	4,42	10	10	40
21:00				
21:15	0,105	3	25	
21:30	4,42	10	10	40
21:35				
21:45				
Qref	19,07			

Product Fiche

Heat pump water heater		
Trade Mark:		KAYSUN
Model:		KHP 20/300 ACS2
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)	(%)	135.1/135
The annual electricity consumption AEC(average climate)	kWh/annum	1292
Reference thermostat temperature settings of the water heater	°C	60
The sound power level in dB (indoors)	dB	59
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)	(%)	126.9/127
The water heating energy efficiency η_{wh} (rounded to one decimal/the nearest integer under warmer climate)	(%)	155.7/156
The annual electricity consumption AEC(colder climate)	kWh/annum	1372
The annual electricity consumption AEC(warmer climate)	kWh/annum	1125