

Technical Data

Heat pump water heater		
Model:	HEATANK V4 AIHD 300L_SOLAR	
Manufacturer:	EUROFRED S.A.	
Address:	Cl. Marqués de Sentmenat, 97 - 08029 Barcelona - Spain	
Denomination :	Heat pump water heater	
Intended use:	hot water	
Power supply:	Ph/V/Hz	220-240V~, 50Hz
Assembly type:	single package	
Refrigerant :	R290/ 150g	
The water heating energy efficiency η_{wh} :	(%)	124.7
The energy efficiency class of the model, determined in accordance with point 1 of Annex II		Class A+
The annual electricity consumption AEC:	kWh/annum	1343
The daily electricity consumption Q_{elec} :	kWh	6.3147
The sound power level in dB (indoors) :	dB	53.8
Mixed water at 40 °C V40	L	418
Load profiles of water heaters, Type:		XL

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Load profiles of water heaters:

h	XL			
	Q_{tap}	f	T_m	T_p
	kWh	l/min	°C	°C
07:00	0,105	3	25	
07:15	1.82	6	40	
07:26	0,105	3	25	
07:45	4.42	10	10	40
08:01	0,105	3	25	
08:15	0,105	3	25	
08:30	0,105	3	25	
08:45	0,105	3	25	
09:00	0,105	3	25	
09:30	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	
12:45	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	
20:30	0,735	4	10	55
20:46	4.42	10	10	40
21:15	0,105	3	25	
21:30	4.42	10	10	40
<i>Qref</i>	19,07			