

Technical Data

Heat pump water heater		
Model:	HEATANK V4 AIHD 80L	
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	230V~, 50Hz
Assembly type:	single package	
Refrigerant :	R290/ 150g	
The water heating energy efficiency η_{wh} :	(%)	111.5%
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	461
The daily electricity consumption Q_{elec} :	kWh	2.246
The sound power level in dB (indoors) :	dB	50.2
Mixed water at 40 °C V40	L	98
Load profiles of water heaters, Type:	M	

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Load profiles of water heaters:

h	M			
	Q_{tap}	f	T_m	T_p
	kWh	l/min	°C	°C
7:00	0.105	3	25	
7:05	1.4	6	40	
7:30	0.105	3	25	
7:45	0.105	3	25	
8:01	0.105	3	25	
8:15	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	
10:30	0.105	3	10	40
11:30	0.105	3	25	
11:45	0.105	3	25	
12:45	0.315	4	10	55
14:30	0.105	3	25	
15:30	0.105	3	25	
16:30	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
21:15	0.105	3	25	
21:30	1.4	6	40	
<i>Qref</i>	5.845			