

Technical Data

Water heater Heat Pump				
Model:	HEATANK V3 AIHD 80L			
Manufacturer:	EUROFRED S.A.			
Address:	Cl. Marqués de Sentmenat, 97 - 08029 Barcelona - Spain			
Denomination :	HOT WATER HEAT PUMP			
Intended use:	hot water			
Power supply:	V/Hz	230V~/ 50Hz		
Assembly type:	single package			
Refrigerant :	R134a/ 850g			
The energy efficiency class of the model, determined in accordance with point 1 of Annex II	Class A++ (indoor air source-Dry bulb/wet bulb: 20°C/15°C) Class A+ (outdoor air source-Dry bulb/wet bulb: 7°C/6°C)			
		Dry bulb/wet bulb: 7°C/6°C	Dry bulb/wet bulb: 14°C/13°C	Dry bulb/wet bulb: 20°C/15°C
The annual electricity consumption AEC:	kWh/annum	454	404	374
The daily electricity consumption Qelec:	kWh	2.297	1.977	1.807
Water heating energy efficiency	--	113.1%	127.1%	137.4%
The sound power level in dB(A) (indoors) :	dB(A)	56	--	--
Mixed water at 40 °C V40	L	83		
Storage volume	L	80		
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			