

## Technical Data

Heat pump water heater		
Model:	HEATANK V3 AIHD 300L + SERP.SOLAR 1,5M2	
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 :	R134a/ 1250g	
The water heating energy efficiency $\eta_{wh}$ :	(%)	131.5
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	1274
The daily electricity consumption $Q_{elec}$ :	kWh	6.005
The sound power level in dB (indoors) :	dB	51
Mixed water at 40 °C V40	L	349
Load profiles of water heaters, Type:	XL	

Load profiles of water heaters :

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h	XL			
	$Q_{tap}$	$f$	$T_m$	$T_p$
	kWh	l/min	°C	°C
07:00	0,105	3	25	
07:05				
07:15	1,82	6	40	
07:26	0,105	3	25	
07:30				
07:45	442	10	10	40
08:01	0,105	3	25	
08:05				
08:15	0,105	3	25	
08:25				
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	
12:00				
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				
<i>Qref</i>	19,07			