

Technical Data

Water heater Heat Pump	
Model:	HEATANK V3 AIHD 100L

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	466	382	392
The daily electricity consumption Qelec:	kWh	2.276	1.893	1.883
Water heating energy efficiency	--	110.2%	134.5%	131.1%
The sound power level in dB(A) (indoors) :	dB(A)	57	--	--
Mixed water at 40 °C V40	L	105		
Storage volume	L	100		
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			