

Technical Data

Heat pump water heater		
Model:	AWHM-TDF300/3.5E-H31	
Manufacturer:	AIRWELL RESIDENTIAL SAS	
Address:	3 avenue du Centre Les Quadrants – Bat. A 78280 GUYANCOURT FRANCE	
Denomination :	Heat pump water heater	
Intended use:	Hot water	
Power supply:	Ph/V/Hz	220-240V~ 50Hz
Assembly type:	Single package	
Refrigerant :	R134a / 1200g	
The water heating energy efficiency η_{wh} :	(%)	90.9
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	1739
The daily electricity consumption Qelec:	kWh	8.013
The sound power level in dB (indoors):	dB	58
Mixed water at 40 °C V40	L	349
Load profiles of water heaters, Type:		XL

h	XL			
	Q_{tap} kWh	f l/min	T_m °C	T_p °C
7:00	0,105	3	25	
7:05				
7:15	1,82	6	40	
7:26	0,105	3	25	
7:30				
7:45	4,42	10	10	40
8:01	0,105	3	25	
8:05				
8:15	0,105	3	25	
8:25				
8:30	0,105	3	25	
8:45	0,105	3	25	
9:00	0,105	3	25	
9:30	0,105	3	25	
10:00	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				
Qref	19,07			