

## Technical Data

Heat pump water heater		
Model:	AWHM-TDF190/1.5-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 / 1000g	
The water heating energy efficiency $\eta_{wh}$ :	(%)	97.1
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	1016
The daily electricity consumption $Q_{elec}$ :	kWh	4.713
The sound power level in dB (indoors):	dB	58
Mixed water at 40 °C V40	L	229
Load profiles of water heaters, Type:		L

h	L			
	$Q_{tap}$	$f$	$T_m$	$T_p$
	kWh	l/min	°C	°C
7:00	0,105	3	25	
7:05	1,4	6	40	
7:15				
7:26				
7:30	0,105	3	25	
7:45	0,105	3	25	
8:01				
8:05	3,605	10	10	40
8:15				
8:25	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	
10:00				
10:30	0,105	3	10	40
11:00				
11:30	0,105	3	25	
11:45	0,105	3	25	
12:00				
12:30				
12:45	0,315	4	10	55
14:30	0,105	3	25	
15:00				
15:30	0,105	3	25	
16:00				
16:30	0,105	3	25	
17:00				
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				
21:00	3,605	10	10	40
21:15				
21:30	0,105	3	25	
21:35				
21:45				
Qref	11, 655			