

## Technical parameters

Model(s):	Outdoor unit: AW-YHPSA08-H91 Indoor unit: AW-WHPSA0810-N91														
Air-to-water heat pump:	YES														
Water-to-water heat pump:	NO														
Brine-to-water heat pump:	NO														
Low-temperature heat pump:	NO														
Equipped with a supplementary heater:	NO														
Heat pump combination heater:	NO														
Declared climate condition:	AVERAGE														
Parameters are declared for medium-temperature application.															
<b>Item</b>				<b>Symbol</b>				<b>Value</b>				<b>Unit</b>			
Rated heat output (*)				Prated				6.6				kW			
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj															
Tj = -7°C				Pd <sub>h</sub>				5.84				kW			
Tj = 2°C				Pd <sub>h</sub>				3.75				kW			
Tj = 7°C				Pd <sub>h</sub>				2.42				kW			
Tj = 12°C				Pd <sub>h</sub>				1.39				kW			
Tj = bivalent temperature				Pd <sub>h</sub>				5.84				kW			
Tj = operating limit				Pd <sub>h</sub>				4.90				kW			
For air-to-water heat pumps: Tj = -15°C				Pd <sub>h</sub>				-				kW			
Bivalent temperature				T <sub>biv</sub>				-7				°C			
Cycling interval capacity for heating				P <sub>cyh</sub>				-				kW			
Degradation co-efficient (**)				C <sub>dh</sub>				0.9				--			
<b>Power consumption in modes other than active mode</b>															
Off mode				P <sub>off</sub>				0.014				kW			
Standby mode				P <sub>sb</sub>				0.014				kW			
Thermostat-off mode				P <sub>to</sub>				0.024				kW			
Crankcase heater mode				P <sub>ck</sub>				0.000				kW			
<b>Supplementary heater</b>															
Rated heat output (**)				P <sub>sup</sub>				1.69				kW			
Type of energy input								Electrical							
<b>Other items</b>															
Capacity control				variable											
Sound power level, indoors/outdoors				L <sub>WA</sub>				42/59				dB			
Annual energy consumption				Q <sub>HE</sub>				4056				kWh			
For air-to-water heat pumps: Rated air flow rate, outdoors								-				4030 m <sup>3</sup> /h			
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger								-				-			
<b>For heat pump combination heater:</b>															
Declared load profile				-											
Daily electricity consumption				Q <sub>elec</sub>				-				kWh			
Annual electricity consumption				AEC				-				kWh			
<b>Water heating energy efficiency</b>															
Daily fuel consumption				Q <sub>fuel</sub>				-				kWh			
Annual fuel consumption				AFC				-				GJ			
Contact details				AIRWELL RESIDENTIAL S.A.S. - 10 rue du fort de Saint Cyr - 78180 Montigny-le-Bretonneux - France											
(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).															
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.															



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AW-YHPSA08-H91  
AW-WHPSA0810-N91



55°C

35°C



A++

A+++



42dB



59dB

■ 6  
■ 7  
■ 8  
kW

■ 7  
■ 8  
■ 8  
kW



2019

811/2013