

Technical parameters

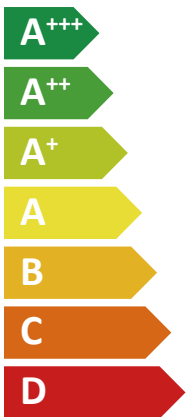
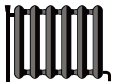
Model(s):	Outdoor unit: AW-YHPSA06-H91 Indoor unit: ODMA-100T-09M22-19		
Air-to-water heat pump:	YES		
Water-to-water heat pump:	NO		
Brine-to-water heat pump:	NO		
Low-temperature heat pump:	NO		
Equipped with a supplementary heater:	NO		
Heat pump combination heater:	NO		
Declared climate condition:	AVERAGE		
Parameters are declared for medium-temperature application.			
Item			
Rated heat output (*)	Symbol	Value	Unit
Prated		5.7	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7°C	Pdh	5.04	kW
Tj = 2°C	Pdh	3.12	kW
Tj = 7°C	Pdh	2.08	kW
Tj = 12°C	Pdh	1.28	kW
Tj = bivalent temperature	Pdh	5.04	kW
Tj = operating limit	Pdh	4.52	kW
For air-to-water heat pumps: Tj = -15°C	Pdh	-	kW
Bivalent temperature	Tbiv	-7	°C
Cycling interval capacity for heating	P _{cyh}	-	kW
Degradation co-efficient (**)	C _{dh}	0.9	--
Power consumption in modes other than active mode			
Off mode	P _{off}	0.014	kW
Standby mode	P _{sb}	0.014	kW
Thermostat-off mode	P _{to}	0.024	kW
Crankcase heater mode	P _{ck}	0.000	kW
Item			
Seasonal space heating energy efficiency	η s	137.9	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7°C	COPd	2.17	-
Tj = 2°C	COPd	3.51	-
Tj = 7°C	COPd	4.54	-
Tj = 12°C	COPd	5.59	-
Tj = bivalent temperature	COPd	2.17	-
Tj = operating limit	COPd	1.91	-
For air-to-water heat pumps: Tj = -15°C	COPd	-	-
For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval efficiency	COP _{cyh}	-	-
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (**)	P _{sup}	1.18	kW
Type of energy input	Electrical		
Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	LWA	38/58	dB
Annual energy consumption	Q _{HE}	3345	kWh
For air-to-water heat pumps: Rated air flow rate, outdoors			
		2770	m³/h
For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger			
		-	m³/h
For heat pump combination heater:			
Declared load profile	-		
Daily electricity consumption	Q _{elec}	-	kWh
Annual electricity consumption	AEC	-	kWh
Water heating energy efficiency			
Daily fuel consumption	Q _{fuel}	-	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.			



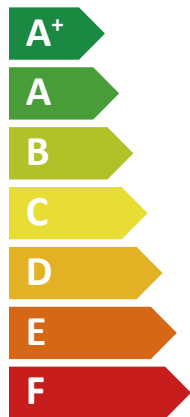
ENERG Y IJA
енергия · ενέργεια IE IA

Airwell

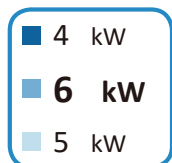
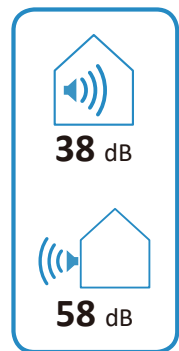
AW-YHPSA06-H91
ODMA-100T-09M22-19



A++



A+



2019

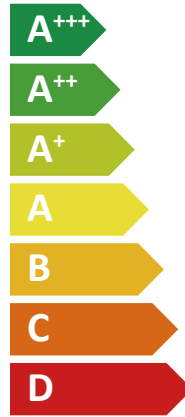
811/2013



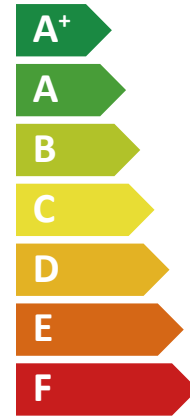
ENERG Y IJA
енергия · ενέργεια IE IA

Airwell

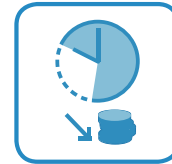
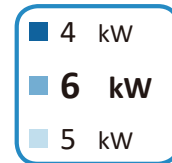
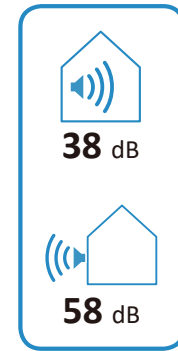
AW-YHPSA06-H91
ODMA-100T-09M22-25



A++



A+



2019

811/2013



ENERG Y IJA
 енергия · ενεργεια IE IA

Airwell

AW-YHPSA06-H91
 ODMA-100T-09M22-19



55°C

35°C



A ++

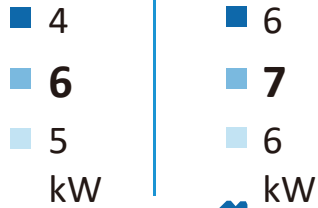
A +++



38dB



58dB



kW

kW



2019

811/2013



ENERG Y IJA
 енергия · ενεργεια IE IA

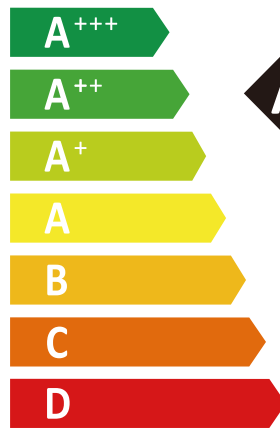
Airwell

AW-YHPSA06-H91
 ODMA-100T-09M22-25



55°C

35°C



A ++

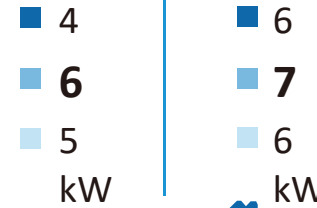
A +++



38dB



58dB



kW

kW



2019

811/2013