Air-to-water heat pump: Water-to-water heat pump: N0	Model(s):			Outdoo	r unit: AW-YHPSA06-H91 Indoor unit: AV	W-WHPSA0	406-N91	
Mater-to-water heat pump: NO	· · · · · · · · · · · · · · · · · · ·							
Brine-to-water heat pump: Low-temperature heat pump: Equipped with a supplementary heater: No Heat pump combination heater: Declared climate condition: Parameters are declared for medium-temperature application. Item Symbol Value Unit Rated heat output (*) Praind 5.7 kW Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature 1 T								
Equipped with a supplementary heater:			NO					
Declared colimate condition: No			NO					
Declared climate condition: Parameters are declared for medium-temperature application. Item	Equipped with a supplementary heater	er:			NO			
Parameters are declared for medium-temperature application.			NO					
	Declared climate condition:	AVERAGE						
Rated heat output (*)	Parameters are declared for medium-	temperature	application	١.				
Rated heat output (*)								
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 = 12°C Pdh 1.28 kW Tj = 12°C P						Symbol	Value	Unit
Indoor temperature Tj	,			L	, , ,			%
Ti = 2°C	. ,	at indoor temp	erature 20 °0				itio for part loa	ad at
Tj = 7°C	Tj = -7℃	Pdh	5.04	kW	Tj = -7℃	COPd	2.17	-
Tj = 12°C Pdh 1.28 kW Tj = bivalent temperature Pdh 5.04 kW Tj = operating limit Pdh 4.52 kW Tj = operating limit Pdh 4.52 kW Tj = operating limit Por air-to-water heat pumps: Tj = -15°C Pdh T = New Evaluation temperature Toby Toby Toby Toby Toby Toby Toby Toby	Tj = 2℃	Pdh	3.12	kW	Tj = 2℃	COPd	3.51	-
Tj = bivalent temperature Pdh 5.04 kW Tj = operating limit Pdh 4.52 kW Tj = operating limit COPd 1.91 For air-to-water heat pumps: Tj = -15°C Pdh - kW Bivalent temperature Tbiv -7 °C Cycling interval capacity for heating Pcych - kW Degradation co-efficient (**) Cdh 0.9 Degradation co-efficient (**) Cdh 0.9 Power consumption in modes other than active mode Off mode Poff 0.014 kW Standby mode Psb 0.014 kW Thermostat-off mode Pok 0.000 kW Thermostat-off mode Pok 0.000 kW Other items Capacity control Variable Sound power level, indoors/outdoors LwA 38/58 dB Annual energy consumption Qde 33345 kWh For air-to-water heat pumps: Tj = -15°C COPd - log	Tj = 7°C	Pdh	2.08	kW	Tj = 7°C	COPd	4.54	-
Tj = operating limit	Tj = 12℃	Pdh	1.28	kW	Tj = 12℃	COPd	5.59	-
For air-to-water heat pumps: Tj = -15°C Pdh - kW Bivalent temperature	Tj = bivalent temperature	Pdh	5.04	kW	Tj = bivalent temperature	COPd	2.17	-
Bivalent temperature Tow -7 °C Cycling interval capacity for heating Poych - kW Degradation co-efficient (**) Cdh 0.9 Power consumption in modes other than active mode Off mode Potf 0.014 kW Standby mode Pab 0.014 kW Thermostat-off mode Pok 0.000 kW Crankcase heater mode Pok 0.000 kW Other items Capacity control Sound power level, indoors/outdoors Annual energy consumption QhE 3345 kWh Torus air-to-water heat pumps: TOL 10 Cycling interval efficiency COPeyc - Heating water operating limit temperature Wrol. 60 Supplementary heater Rated heat output (**) Power consumption in modes other than active mode Supplementary heater Rated heat output (**) Type of energy input Electrical For air-to-water heat pumps: Rated air flow rate, outdoors For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger For heat pump combination heater: Declared load profile Daily electricity consumption Qclec - kWh Daily fuel consumption Qclec - kWh Daily fuel consumption Qclec - kWh	Tj = operating limit	Pdh	4.52	kW	Tj = operating limit	COPd	1.91	-
Cycling interval capacity for heating Pcych - kW Cycling interval efficiency COPcyc - Degradation co-efficient (**) Cdh 0.9 - Heating water operating limit temperature WroL 60 Power consumption in modes other than active mode Off mode Poff 0.014 kW Standby mode Psb 0.014 kW Thermostat-off mode Pro 0.024 kW Thermostat-off mode Pck 0.000 kW Type of energy input Electrical Other items Capacity control variable For air-to-water heat pumps: Rated air flow rate, outdoors Rated prine or water flow rate, outdoor heat exchanger For heat pump combination heater: Declared load profile - kWh Daily delectricity consumption Qcdec - kWh Daily fuel consumption Qcdec - kWh Daily delectricity consumption Qcdec - kWh	For air-to-water heat pumps: Tj = -15℃	Pdh	-	kW	For air-to-water heat pumps: Tj = -15℃	COPd	-	-
Degradation co-efficient (**)	Bivalent temperature	Tbiv	-7	°C	· · ·	TOL	-10	°C
Power consumption in modes other than active mode Off mode Poff O.014 kW Standby mode Peb O.0024 kW Thermostat-off mode Crankcase heater mode Other items Capacity control Sound power level, indoors/outdoors Annual energy consumption Annual energy consumption Other Other Annual energy consumption Other Ot	Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-
Off mode Poff 0.014 kW Standby mode Psb 0.014 kW Thermostat-off mode Pto 0.024 kW Crankcase heater mode Pck 0.000 kW Other items Capacity control Variable Sound power level, indoors/outdoors LwA 38/58 dB Annual energy consumption QhE 3345 kWh For water heat pumps: Rated air flow rate, outdoors - 2770 reat each provided by the consumption Provided by the consumption Provided by the consumption Provided by the consumption Post Psup 1.18 Type of energy input Electrical For air-to-water heat pumps: Rated air flow rate, outdoors - 2770 reat each provided by the consumption Provided by the consumption Provided by the consumption Psup Psup 1.18 Type of energy input Electrical For air-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger - 2770 reat each pump combination heater:	Degradation co-efficient (**)	Cdh	0.9		Heating water operating limit temperature	WTOL	60	°C
Standby mode Thermostat-off mode Crankcase heater mode Pok Other items Capacity control Sound power level, indoors/outdoors Annual energy consumption Cyales Collective Daily electricity consumption Pok Other items Rated heat output (**) Pok Type of energy input For air-to-water heat pumps: Rated air flow rate, outdoors For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger Water heating energy efficiency Daily fuel consumption Psup 1.18 Psup 1.18 Electrical Electrical Electrical Water heating energy input Electrical For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger Water heating energy efficiency Daily fuel consumption Quec Daily fuel consumption Psup 1.18 Psup All 1.18 Psup All 1.18 Psup Type of energy input Electrical Electrical Electrical Por water heat pumps: Rated brine or water flow rate, outdoor heat exchanger For heat pump combination heater: Declared load profile Daily fuel consumption Quec Daily fuel consumption Quec Daily fuel consumption	Power consumption in modes other than a	ctive mode			Supplementary heater			
Standby mode	Off mode	Poff	0.014	kW	Detail heat output (**)		4.40	kW
Type of energy input Electrical Type of energy input Type of energy input Type of energy input Type of energy input Electrical Type of energy input Electrical Type of energy input Electrical For air-to-water heat pumps: Rated air flow rate, outdoors For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger For heat pump combination heater: Declared load profile Daily electricity consumption Q _{clec} Water heating energy efficiency Daily fuel consumption Q _{fuel} Daily fuel consumption	Standby mode	Psb	0.014	kW	Rated heat output ()	Psup	1.18	KVV
Crankcase heater mode Pok 0.000 kW The stress of the st	Thermostat-off mode	Pto	0.024	kW	Type of energy input	Floatrical		
Capacity control variable For air-to-water heat pumps: Rated air flow rate, outdoors For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger For heat pump combination heater: Declared load profile Daily electricity consumption Variable For air-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger Water heating energy efficiency Plant Consumption Daily fuel consumption Por water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger Por water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger Por heat pump combination heater: Declared load profile Daily fuel consumption Q _{fuel} Daily fuel consumption	Crankcase heater mode	Pck	0.000	kW	. , , po o. e.i.e.gyput	Electrical		
Sound power level, indoors/outdoors LWA 38/58 dB For water-or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger For heat pump combination heater: Declared load profile - Water heating energy efficiency \(\text{N}_{wh} \) Columbia Col	Other items							
Annual energy consumption QHE 3345 Rated brine or water flow rate, outdoor heat exchanger For heat pump combination heater: Declared load profile Daily electricity consumption Qclec Annual energy consumption QHE 3345 Wh Rated brine or water flow rate, outdoor heat exchanger Water heating energy efficiency Plant Daily fuel consumption Qfuel - Daily fuel consumption	Capacity control	variable				-	2770	m ³ /h
Annual energy consumption GHE 3345 KWN For heat pump combination heater: Declared load profile Daily electricity consumption Qclec KWh Daily fuel consumption Qfuel	Sound power level, indoors/outdoors	Lwa	38/58	dB		-	_	m³/h
Declared load profile - Water heating energy efficiency Daily electricity consumption Q _{clec} - kWh Daily fuel consumption Q _{fuel} -	Annual energy consumption	Q _{HE}	3345	kWh	heat exchanger			
Daily electricity consumption Q _{clec} - kWh Daily fuel consumption Q _{fuel} -	For heat pump combination heater:							
1.50	Declared load profile		-		Water heating energy efficiency	η_{wh}	-	%
Annual electricity consumption AEC - kWh Annual fuel consumption AFC -	Daily electricity consumption	Q _{clec}	-	kWh	Daily fuel consumption	Q _{fuel}	-	kW
	Annual electricity consumption	AEC	-	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	Contact details	AIRWELL	RESIDENTIA	L S.A.S 1	10 rue du fort de Saint Cyr - 78180 Montigny-le	e-Bretonneux	- France	

