

Technical parameters

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|--|--|-------|-----|
| Model(s): | Outdoor unit: AW-YHPSA06-H91 Indoor unit: AW-WHPSA0406-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. | | | |
| Item | | | |
| Rated heat output (*) | 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 |
| Other items | | | |
| Capacity control | variable | | |
| Sound power level, indoors/outdoors | L _{WA} | 38/58 | dB |
| Annual energy consumption | Q _{HE} | 3345 | kWh |
| 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. | | | |



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AW-YHPSA06-H91
AW-WHPSA0406-N91



55°C

35°C



A++

A+++



38dB



58dB

■ 4
■ 6
■ 5
kW

■ 6
■ 7
■ 6
kW



2019

811/2013