**Airwell** Just feel well

Unit

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°C

°C

kW

m³/h

%

kWł

GJ

## **Technical parameters** Outdoor unit: AW-YHPSA12-H93 Indoor unit: AW-WHPSA1216-N93 Model(s): 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. Symbol Value Unit Symbol Value Item kW Rated heat output (\*) Prated Seasonal space heating energy efficiency ηs Declared capacity for heating for part load at indoor temperature 20 °C and outdoor Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj temperature Ti Tj = -7℃ kW Tj = -7°C COPd Pdh Tj = 2℃ Pdh kW Tj = 2℃ COPd kW Tj = 7℃ Pdh Tj = 7℃ COPd Tj = 12°C Pdh kW Tj = 12℃ COPd 6.05 COPd Tj = bivalent temperature Pdh kW Tj = bivalent temperature Tj = operating limit COPd Pdh kW Tj = operating limit For air-to-water heat pumps: Tj = -15°C Pdh kW For air-to-water heat pumps: Tj = -15°C COPd Bivalent temperature TOL 10 °C For air-to-water heat pumps: Operation limit Tbiv temperature Cycling interval capacity for heating kW Cycling interval efficiency COPcyc Pcych Degradation co-efficient (\*\*) Cdh Heating water operating limit temperature Wtol ---Power consumption in modes other than active mode Supplementary heater Off mode Poff kW Rated heat output (\*\*) Psup 0.02 kW Standby mode Psb Thermostat-off mode Pto kW Type of energy input Electrical Crankcase heater mode Pck kW Other items variable For air-to-water heat pumps: Rated air flow rate, Capacity control outdoors Sound power level, indoors/outdoors dB For water-or brine-to-water heat pumps: Rated m³/h L<sub>WA</sub> brine or water flow rate, outdoor heat exchanger Annual energy consumption QHE kWh For heat pump combination heater: Declared load profile Water heating energy efficiency 4 η<sub>wh</sub> Daily electricity consumption kWh Daily fuel consumption Qclec Q fuel kWh AFC

ltem

Annual electricity consumption

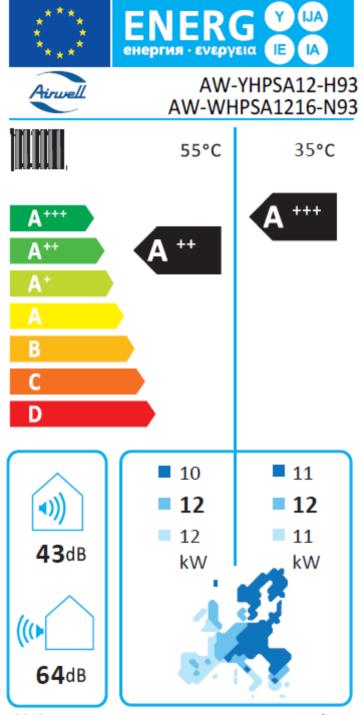
Contact details

(\*) 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.

Annual fuel consumption

AIRWELL RESIDENTIAL S.A.S. - 10 rue du fort de Saint Cyr - 78180 Montigny-le-Bretonneux - France

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