

Technical parameters Outdoor unit: AW-YHPSA16-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 Unit 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 Ti temperature Ti Tj = -7°C Pdh kW Tj = -7°C COPd -Tj = 2°C Pdh kW Tj = 2°C COPd Tj = 7°C kW Pdh Tj = 7°C COPd Tj = 12°C Pdh kW Tj = 12°C COPd 6.07 COPd Tj = bivalent temperature Pdh kW Tj = bivalent temperature Ti = operating limit Pdh kW Tj = operating limit COPd For air-to-water heat pumps: Tj = -15°C Pdh kW For air-to-water heat pumps: Tj = -15°C COPd Bivalent temperature °C TOL °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 °C Power consumption in modes other than active mode Supplementary heater Off mode Poff kW Rated heat output (**) Psup kW kW Standby mode Psb Thermostat-off mode Pto kW Type of energy input Electrical Crankcase heater mode Pck kW Other items variable Capacity control For air-to-water heat pumps: Rated air flow rate, m³/h Sound power level, indoors/outdoors dB For water-or brine-to-water heat pumps: Rated m³/h L_{WA} brine or water flow rate, outdoor heat exchanger kWh Annual energy consumption QHE For heat pump combination heater: Water heating energy efficiency Declared load profile % η_{wh} Daily electricity consumption kWh Daily fuel consumption kWh Qclec Q fuel Annual electricity consumption AFC 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 P



AW-YHPSA16-H93 AW-WHPSA1216-N93



55°C

35°C

IJA



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A +++

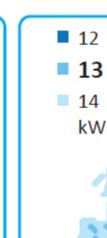
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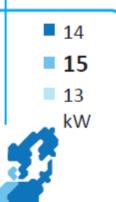
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43dB





(((▶ 68dB