

# Model name

## AP09RT UA3 (Outdoor unit) / AP09RT NSJ (Indoor unit)

<b>Function (indicate if present)</b> cooling <input type="checkbox"/> Y heating <input type="checkbox"/> Y		<b>If the function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.</b> Average (mandatory) <input type="checkbox"/> Y Warmer (if designated) <input type="checkbox"/> Y Colder (if designated) <input type="checkbox"/> N		Declared capacity* for heating / Colder climate, at indoor temperature 20°C and outdoor temperature Tj Tj=-7°C Pdh <input type="checkbox"/> x,x kW Tj=2°C Pdh <input type="checkbox"/> x,x kW Tj=7°C Pdh <input type="checkbox"/> x,x kW Tj=12°C Pdh <input type="checkbox"/> x,x kW Tj=bivalent temperature Pdh <input type="checkbox"/> x,x kW Tj=operating limit Pdh <input type="checkbox"/> x,x kW Tj=-15°C Pdh <input type="checkbox"/> x,x kW		Declared Coefficient of performance* / Colder climate, at indoor temperature 20°C and outdoor temperature Tj Tj=-7°C COPd <input type="checkbox"/> x,x Tj=2°C COPd <input type="checkbox"/> x,x Tj=7°C COPd <input type="checkbox"/> x,x Tj=12°C COPd <input type="checkbox"/> x,x Tj=bivalent temperature COPd <input type="checkbox"/> x,x Tj=operating limit COPd <input type="checkbox"/> x,x Tj=-15°C COPd <input type="checkbox"/> x,x	
<b>Design load</b> cooling Pdesignc <input type="checkbox"/> 2,5 kW heating / Average Pdesignh <input type="checkbox"/> 2,5 kW heating / Warmer Pdesignh <input type="checkbox"/> 1,4 kW heating / Colder Pdesignh <input type="checkbox"/> x,x kW		<b>Seasonal efficiency</b> cooling SEER <input type="checkbox"/> 6,6 heating / Average SCOP/A <input type="checkbox"/> 4,0 heating / Warmer SCOP/W <input type="checkbox"/> 5,0 heating / Colder SCOP/C <input type="checkbox"/> x,x		Bivalent temperature heating / Average Tbiv <input type="checkbox"/> -10 °C heating / Warmer Tbiv <input type="checkbox"/> 2 °C heating / Colder Tbiv <input type="checkbox"/> x °C		Operating limit temperature heating / Average Tol <input type="checkbox"/> -10 °C heating / Warmer Tol <input type="checkbox"/> 2 °C heating / Colder Tol <input type="checkbox"/> 2 °C	
Declared capacity* for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj Tj=35°C Pdc <input type="checkbox"/> 2,50 kW Tj=30°C Pdc <input type="checkbox"/> 1,85 kW Tj=25°C Pdc <input type="checkbox"/> 1,19 kW Tj=20°C Pdc <input type="checkbox"/> 0,97 kW		Declared Energy efficiency ratio* for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj Tj=35°C EERd <input type="checkbox"/> 3,52 Tj=30°C EERd <input type="checkbox"/> 5,78 Tj=25°C EERd <input type="checkbox"/> 8,03 Tj=20°C EERd <input type="checkbox"/> 10,90		Cycling interval capacity for cooling Pcycc <input type="checkbox"/> x,x kW for heating Pcyhc <input type="checkbox"/> x,x kW		Cycling interval efficiency for cooling EERcyc <input type="checkbox"/> x,x for heating COPcyc <input type="checkbox"/> x,x	
Declared capacity* for heating / Average climate, at indoor temperature 20°C and outdoor temperature Td Tj=-7°C Pdh <input type="checkbox"/> 2,30 kW Tj=2°C Pdh <input type="checkbox"/> 1,40 kW Tj=7°C Pdh <input type="checkbox"/> 0,92 kW Tj=12°C Pdh <input type="checkbox"/> 0,93 kW Tj=bivalent temperature Pdh <input type="checkbox"/> 2,50 kW Tj=operating limit Pdh <input type="checkbox"/> 2,50 kW		Declared Coefficient of performance* for heating / Average climate, at indoor temperature 20°C and outdoor temperature Tj Tj=-7°C COPd <input type="checkbox"/> 2,76 Tj=2°C COPd <input type="checkbox"/> 3,87 Tj=7°C COPd <input type="checkbox"/> 5,08 Tj=12°C COPd <input type="checkbox"/> 6,28 Tj=bivalent temperature COPd <input type="checkbox"/> 2,71 Tj=operating limit COPd <input type="checkbox"/> 2,71		Degradation co-efficient cooling** Cdc <input type="checkbox"/> 0,25 -		Degradation co-efficient heating** Cdh <input type="checkbox"/> 0,25 -	
Declared capacity* for heating / Warmer climate, at indoor temperature 20°C and outdoor temperature Tj Tj=2°C Pdh <input type="checkbox"/> 1,4 kW Tj=7°C Pdh <input type="checkbox"/> 0,9 kW Tj=12°C Pdh <input type="checkbox"/> 0,9 kW Tj=bivalent temperature Pdh <input type="checkbox"/> 2,5 kW Tj=operating limit Pdh <input type="checkbox"/> 2,5 kW		Declared Coefficient of performance* / Warmer climate, at indoor temperature 20°C and outdoor temperature Tj Tj=2°C COPd <input type="checkbox"/> 3,9 Tj=7°C COPd <input type="checkbox"/> 5,1 Tj=12°C COPd <input type="checkbox"/> 6,2 Tj=bivalent temperature COPd <input type="checkbox"/> 2,7 Tj=operating limit COPd <input type="checkbox"/> 2,7		Electric power input in power modes other than 'active mode' off mode P <sub>OFF</sub> <input type="checkbox"/> 0,003 kW standby mode P <sub>SB</sub> <input type="checkbox"/> 0,003 kW thermostat-off mode P <sub>TO</sub> <input type="checkbox"/> 0,012 kW crankcase heater mode P <sub>CK</sub> <input type="checkbox"/> 0 kW		Annual electricity consumption cooling Q <sub>CE</sub> <input type="checkbox"/> 133 kWh/a heating / Average Q <sub>HE</sub> <input type="checkbox"/> 875 kWh/a heating / Warmer Q <sub>HE</sub> <input type="checkbox"/> 393 kWh/a heating / Colder Q <sub>HE</sub> <input type="checkbox"/> xx kWh/a	
				Capacity control (indicate one of three options) fixed <input type="checkbox"/> N staged <input type="checkbox"/> N variable <input type="checkbox"/> Y		Other items Sound power level (indoor/outdoor) L <sub>WA</sub> <input type="checkbox"/> 59 / 65 dB(A) Global warming potential GWP <input type="checkbox"/> 675 kgCO <sub>2</sub> eq. Rated air flow (indoor/outdoor) - <input type="checkbox"/> 660 / 1620 m <sup>3</sup> /h	
				Contact details for obtaining more information Christianna PAPAZHARIOU Internal communicator - Energy & environment regulations expert LG Electronics Paris Nord II - 117 avenue des Nations BP 59372 Villepinte - 95942 Roissy CDG Cedex chris.papazahariou@lge.com Tel. +33 1 49 89 57 41, +33 6 83 077 455			

\*= For staged capacity units, two values divided by a slash (/) will be declared in each box in the section "Declared capacity of the unit" and "declared EER/COP" of the unit.

\*\*= If default Cd=0.25 is chosen then (results from) cycling tests are not required. Otherwise either the heating or cooling cycling test value is required.

