

Model name

AA12SP U18 (Outdoor unit) / AA12SB NS1(Indoor unit)

Function (indicate if present)			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'.		
cooling	Y		Average (mandatory)	Y	
heating	Y		Warmer (if designated)	Y	
			Colder (if designated)	N	

Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	3,5	kW	cooling	SEER	9,5	-
heating / Average	Pdesignh	2,8	kW	heating / Average	SCOP/A	5,1	-
heating / Warmer	Pdesignh	1,5	kW	heating / Warmer	SCOP/W	6,1	-
heating / Colder	Pdesignh	x,x	kW	heating / Colder	SCOP/C	x,x	-

Declared capacity* for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared Energy efficiency ratio* for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	3,50	kW	Tj=35°C	EERd	4,29	-
Tj=30°C	Pdc	2,45	kW	Tj=30°C	EERd	6,98	-
Tj=25°C	Pdc	1,58	kW	Tj=25°C	EERd	11,36	-
Tj=20°C	Pdc	0,81	kW	Tj=20°C	EERd	17,19	-

Declared capacity* for heating / Average climate, at indoor temperature 20°C and outdoor temperature Td				Declared Coefficient of performance* for heating / Average climate, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	2,36	kW	Tj=-7°C	COPd	3,64	-
Tj=2°C	Pdh	1,50	kW	Tj=2°C	COPd	5,01	-
Tj=7°C	Pdh	0,94	kW	Tj=7°C	COPd	5,95	-
Tj=12°C	Pdh	0,47	kW	Tj=12°C	COPd	7,60	-
Tj=bivalent temperature	Pdh	2,80	kW	Tj=bivalent temperature	COPd	3,23	-
Tj=operating limit	Pdh	2,80	kW	Tj=operating limit	COPd	3,23	-

Declared capacity* for heating / Warmer climate, at indoor temperature 20°C and outdoor temperature Tj				Declared Coefficient of performance* / Warmer climate, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	1,50	kW	Tj=2°C	COPd	5,01	-
Tj=7°C	Pdh	0,94	kW	Tj=7°C	COPd	5,95	-
Tj=12°C	Pdh	0,80	kW	Tj=12°C	COPd	7,54	-
Tj=bivalent temperature	Pdh	1,50	kW	Tj=bivalent temperature	COPd	5,01	-
Tj=operating limit	Pdh	1,50	kW	Tj=operating limit	COPd	5,01	-

Declared capacity* for heating / Colder climate, at indoor temperature 20°C and outdoor temperature Tj				Declared Coefficient of performance* / Colder climate, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	x,x	kW	Tj=-7°C	COPd	x,x	-
Tj=2°C	Pdh	x,x	kW	Tj=2°C	COPd	x,x	-
Tj=7°C	Pdh	x,x	kW	Tj=7°C	COPd	x,x	-
Tj=12°C	Pdh	x,x	kW	Tj=12°C	COPd	x,x	-
Tj=bivalent temperature	Pdh	x,x	kW	Tj=bivalent temperature	COPd	x,x	-
Tj=operating limit	Pdh	x,x	kW	Tj=operating limit	COPd	x,x	-
Tj=-15°C	Pdh	x,x	kW	Tj=-15°C	COPd	x,x	-

Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-10	°C	heating / Average	Tol	-10	°C
heating / Warmer	Tbiv	2	°C	heating / Warmer	Tol	2	°C
heating / Colder	Tbiv	x	°C	heating / Colder	Tol	x	°C

Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	x,x	kW	for cooling	EERcyc	x,x	-
for heating	Pcych	x,x	kW	for heating	COPcyc	x,x	-

Degradation co-efficient				Degradation co-efficient			
cooling**	Cdc	0,25	-	heating**	Cdh	0,25	-

Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	P _{OFF}	0,001	kW	cooling	Q _{CE}	129	kWh/a
standby mode	P _{SB}	0,001	kW	heating / Average	Q _{HE}	769	kWh/a
thermostat-off mode	P _{TO}	0,0093	kW	heating / Warmer	Q _{HE}	344	kWh/a
crankcase heater mode	P _{CK}	0	kW	heating / Colder	Q _{HE}	xx	kWh/a

Capacity control (indicate one of three options)				Other items			
fixed	N			Sound power level (indoor/outdoor)	L _{WA}	60 / 60	dB(A)
staged	N			Global warming potential	GWP	675	kgCO ₂ eq.
variable	Y			Rated air flow (indoor/outdoor)	-	816 / 2100	m ³ /h

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*= 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.