Model name

AA18SP U18 (Outdoor unit) / AA18SP NS1 (Indoor unit)

Function (indicate if present)	
cooling	Y
heating	Y

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'.	
Average (mandatory)	Y
Warmer (if designated)	Y
Colder (if designated)	N

Item	symbol	value	unit
Design load			
cooling	Pdesignc	5,00	kW
heating / Average	Pdesignh	3,90	kW
heating / Warmer	Pdesignh	2,10	kW
heating / Colder	Pdesignh	x,x	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	7,00	-
heating / Average	SCOP/A	4,30	-
heating / Warmer	SCOP/W	5,50	-
heating / Colder	SCOP/C	x,x	-

Declared capacity* for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	5,00	kW
Tj=30°C	Pdc	3,68	kW
Tj=25°C	Pdc	2,37	kW
Tj=20°C	Pdc	1,32	kW

Declared Energy efficiency ratio* for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	EERd	3,25	-
Tj=30°C	EERd	5,25	-
Tj=25°C	EERd	7,85	-
Tj=20°C	EERd	13,42	-

Declared capacity* for heating / Average climate, at indoor temperature 20°C and outdoor temperature Td			
Tj=-7°C	Pdh	3,45	kW
Tj=2°C	Pdh	2,09	kW
Tj=7°C	Pdh	1,35	kW
Tj=12°C	Pdh	0,99	kW
Tj=bivalent temperature	Pdh	3,90	kW
Tj=operating limit	Pdh	3,90	kW

Declared Coefficient of performance* for heating / Average climate, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	COPd	2,93	-
Tj=2°C	COPd	4,15	-
Tj=7°C	COPd	5,56	-
Tj=12°C	COPd	6,50	-
Tj=bivalent temperature	COPd	2,50	-
Tj=operating limit	COPd	2,50	-

Declared capacity* for heating / Warmer climate, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	2,10	kW
Tj=7°C	Pdh	1,35	kW
Tj=12°C	Pdh	0,99	kW
Tj=bivalent temperature	Pdh	2,10	kW
Tj=operating limit	Pdh	2,10	kW

Declared Coefficient of performance* / Warmer climate, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	COPd	4,15	-
Tj=7°C	COPd	5,54	-
Tj=12°C	COPd	6,55	-
Tj=bivalent temperature	COPd	4,15	-
Tj=operating limit	COPd	4,15	-

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

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

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

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

Cycling interval capacity			
for cooling	Pcycc	x,x	kW
for heating	Pcych	x,x	kW

Cycling interval efficiency			
for cooling	EERcyc	x,x	-
for heating	COPcyc	x,x	-

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

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

Electric power input in power modes other than 'active mode'			
off mode	P_{OFF}	0,001	kW
standby mode	P_{SB}	0,001	kW
thermostat-off mode	P_{TO}	0,013	kW
crankcase heater mode	P_{CK}	0	kW

Annual electricity consumption			
cooling	Q_{CE}	250	kWh/a
heating / Average	Q_{HE}	1270	kWh/a
heating / Warmer	Q_{HE}	534	kWh/a
heating / Colder	Q_{HE}	xx	kWh/a

Capacity control (indicate one of three options)	
fixed	N
staged	N
variable	Y

Other items			
Sound power level (indoor/outdoor)	L_{WA}	60 / 65	dB(A)
Global warming potential	GWP	675	kgCO2 eq.
Rated air flow (indoor/outdoor)	-	816 /2100	m3/h

Contact details for obtaining more information	
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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.

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