Model name

DC09RH UL2 (Outdoor unit) / DC09RH NSJ (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	2,5	kW
heating / Average	Pdesignh	2,8	kW
heating / Warmer	Pdesignh	1,5	kW
heating / Colder	Pdesignh	x,x	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	7,9	-
heating / Average	SCOP/A	4,6	-
heating / Warmer	SCOP/W	5,4	-
heating / Colder	SCOP/C	x,x	-

Declared capacity* for cooling, at indoor temperature 27(19)ºC and outdoor temperature Tj			
Tj=35ºC	Pdc	2,50	kW
Tj=30ºC	Pdc	1,84	kW
Tj=25ºC	Pdc	1,20	kW
Tj=20ºC	Pdc	1,11	kW

Declared Energy efficiency ratio* for cooling, at indoor temperature 27(19)ºC and outdoor temperature Tj			
Tj=35ºC	EERd	4,37	-
Tj=30ºC	EERd	6,50	-
Tj=25ºC	EERd	9,90	-
Tj=20ºC	EERd	14,67	-

Declared capacity* for heating / Average climate, at indoor temperature 20ºC and outdoor temperature Td			
Tj=-7ºC	Pdh	2,48	kW
Tj=2ºC	Pdh	1,53	kW
Tj=7ºC	Pdh	0,98	kW
Tj=12ºC	Pdh	1,21	kW
Tj=bivalent temperature	Pdh	2,80	kW
Tj=operating limit	Pdh	2,80	kW

Declared Coefficient of performance* for heating / Average climate, at indoor temperature 20ºC and outdoor temperature Tj			
Tj=-7ºC	COPd	3,22	-
Tj=2ºC	COPd	4,62	-
Tj=7ºC	COPd	5,55	-
Tj=12ºC	COPd	7,00	-
Tj=bivalent temperature	COPd	2,79	-
Tj=operating limit	COPd	2,79	-

Declared capacity* for heating / Warmer climate, at indoor temperature 20ºC and outdoor temperature Tj			
Tj=2ºC	Pdh	1,50	kW
Tj=7ºC	Pdh	1,01	kW
Tj=12ºC	Pdh	1,21	kW
Tj=bivalent temperature	Pdh	1,50	kW
Tj=operating limit	Pdh	1,50	kW

Declared Coefficient of performance* / Warmer climate, at indoor temperature 20ºC and outdoor temperature Tj			
Tj=2ºC	COPd	4,50	-
Tj=7ºC	COPd	5,50	-
Tj=12ºC	COPd	6,90	-
Tj=bivalent temperature	COPd	4,50	-
Tj=operating limit	COPd	4,50	-

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

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

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

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

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}	0.003	kW
standby mode	P_{SB}	0,003	kW
thermostat-off mode	P_{TO}	0,013	kW
crankcase heater mode	P_{CK}	0	kW

Annual electricity consumption			
cooling	Q_{CE}	111	kWh/a
heating / Average	Q_{HE}	852	kWh/a
heating / Warmer	Q_{HE}	389	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)	-	780 /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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