

D12RN UL2 (Outdoor unit) / D12RN NSJ (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)	N		
				Colder (if designated)	N		
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	P _{designc}	3,5	kW	cooling	SEER	7,6	-
heating / Average	P _{designh}	2,9	kW	heating / Average	SCOP/A	4,6	-
heating / Warmer	P _{designh}	x,x	kW	heating / Warmer	SCOP/W	x,x	-
heating / Colder	P _{designh}	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	P _{dc}	3,5	kW	Tj=35°C	EERd	3,8	-
Tj=30°C	P _{dc}	2,6	kW	Tj=30°C	EERd	5,5	-
Tj=25°C	P _{dc}	1,7	kW	Tj=25°C	EERd	9,2	-
Tj=20°C	P _{dc}	1,1	kW	Tj=20°C	EERd	15,4	-
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	P _{dh}	2,6	kW	Tj=-7°C	COPd	3,0	-
Tj=2°C	P _{dh}	1,6	kW	Tj=2°C	COPd	4,6	-
Tj=7°C	P _{dh}	1,0	kW	Tj=7°C	COPd	5,7	-
Tj=12°C	P _{dh}	1,0	kW	Tj=12°C	COPd	7,1	-
Tj=bivalent temperature	P _{dh}	2,9	kW	Tj=bivalent temperature	COPd	2,8	-
Tj=operating limit	P _{dh}	2,7	kW	Tj=operating limit	COPd	3,1	-
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	P _{dh}	x,x	kW	Tj=2°C	COPd	x,x	-
Tj=7°C	P _{dh}	x,x	kW	Tj=7°C	COPd	x,x	-
Tj=12°C	P _{dh}	x,x	kW	Tj=12°C	COPd	x,x	-
Tj=bivalent temperature	P _{dh}	x,x	kW	Tj=bivalent temperature	COPd	x,x	-
Tj=operating limit	P _{dh}	x,x	kW	Tj=operating limit	COPd	x,x	-
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	P _{dh}	x,x	kW	Tj=-7°C	COPd	x,x	-
Tj=2°C	P _{dh}	x,x	kW	Tj=2°C	COPd	x,x	-
Tj=7°C	P _{dh}	x,x	kW	Tj=7°C	COPd	x,x	-
Tj=12°C	P _{dh}	x,x	kW	Tj=12°C	COPd	x,x	-
Tj=bivalent temperature	P _{dh}	x,x	kW	Tj=bivalent temperature	COPd	x,x	-
Tj=operating limit	P _{dh}	x,x	kW	Tj=operating limit	COPd	x,x	-
Bivalent temperature heating / Average				Operating limit temperature heating / Average			
Tbiv -8 °C				Tol -10 °C			
heating / Warmer				heating / Warmer			
Tbiv x °C				Tol x °C			
heating / Colder				heating / Colder			
Tbiv x °C				Tol x °C			
Cycling interval capacity for cooling				Cycling interval efficiency for cooling			
P _{cycc} x,x kW				EER _{cycc} x,x -			
for heating				for heating			
P _{cyh} x,x kW				COP _{cycc} x,x -			
Degradation cooling**				Degradation heating**			
co-efficient C _{dc} 0,25 -				co-efficient C _{dh} 0,25 -			
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode P _{OFF} 0,0025 kW				cooling Q _{CE} 162 kWh/a			
standby mode P _{SB} 0,0025 kW				heating / Average Q _{HE} 883 kWh/a			
thermostat-off mode P _{TO} 0,013 kW				heating / Warmer Q _{HE} xx 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 L _{WA} 59 / 65 dB(A)			
staged N				(indoor/outdoor)			
variable Y				Global warming potential GWP 2 087,5 kgCO ₂ eq.			
				Rated air flow (indoor/outdoor) - 780 / 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.