RAK-50PPB				RAC-50WPB			
Function (indicate if present)				If 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)	Y		
Item	symbol	value	unit	Item	symbol	value	unit
Design Load				Seasonal Efficiency			
cooling	Pdesignc	5.0	kW	cooling	SEER	7.2	-
heating/Average	Pdesignh	4.4	kW	heating/Average	SCOP	4.4	-
heating/Warmer	Pdesignh	2.3	kW	heating/Warmer	SCOP/W	5.6	-
heating/Colder	Pdesignh	6.3	kW	heating/Colder	SCOP/C	3.2	-
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	5.0	kW	Tj = 35°C	EERd	3.2	-
Tj = 30°C	Pdc	3.7	kW	Tj = 30°C	EERd	5.4	-
Tj = 25°C	Pdc	2.4	kW	Tj = 25°C	EERd	9.5	-
Tj = 20°C	Pdc	2.0	kW	Tj = 20°C	EERd	13.8	-
Declared capacity (*) for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance (*)/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj = -7°C	Pdh	3.9	kW	Tj = -7°C	COPd	2.9	-
Tj = 2°C	Pdh	2.3	kW	Tj = 2°C	COPd	4.4	-
Tj = 7°C	Pdh	1.5	kW	Tj = 7°C	COPd	5.7	-
Tj = 12°C	Pdh	1.6	kW	Tj = 12°C	COPd	7.0	-
Tj = bivalent temperature	Pdh	3.9	kW	Tj = bivalent temperature	COPd	2.9	-
Tj = operating limit	Pdh	3.1	kW	Tj = operating limit	COPd	2.8	-
Declared capacity (*) for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance (*)/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj = 2°C	Pdh	2.3	kW	Tj = 2°C	COPd	4.4	-
Tj = 7°C	Pdh	1.5	kW	Tj = 7°C	COPd	5.7	-
Tj = 12°C	Pdh	1.6	kW	Tj = 12°C	COPd	7.0	-
Tj = bivalent temperature	Pdh	3.8	kW	Tj = bivalent temperature	COPd	2.9	-
Tj = operating limit	Pdh	3.1	kW	Tj = operating limit	COPd	2.8	-
Declared capacity (*) for heating/Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance (*)/Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj = -7°C	Pdh	3.8	kW	Tj = -7°C	COPd	2.9	-
Tj = 2°C	Pdh	2.3	kW	Tj = 2°C	COPd	4.4	-
Tj = 7°C	Pdh	1.5	kW	Tj = 7°C	COPd	5.7	-
Tj = 12°C	Pdh	1.6	kW	Tj = 12°C	COPd	7.0	-
Tj = bivalent temperature	Pdh	3.8	kW	Tj = bivalent temperature	COPd	2.9	-
Tj = operating limit	Pdh	3.1	kW	Tj = operating limit	COPd	2.8	-
Tj = -15 °C	Pdh	3.1	kW	Tj = -15 °C	COPd	2.8	-
Bivalent Temperature				Operating limit temperature			
heating/Average	Tbiv	-7℃	°C	heating/Average	Tol	-15℃	°C
heating/Warmer	Tbiv	-7℃	°C	heating/Warmer	Tol	-15℃	°C
heating/Colder	Tbiv	-7℃	°C	heating/Colder	Tol	-15℃	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling		-	
for heating	Pcych	-	kW	for heating		-	
Degradation co-efficient cooling (**)	Cdc	0.25	-	Degradation co-efficient heating		0.25	
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	P_{OFF}	5.0	W	cooling	Q_{CE}	243	kWh/a
standby mode	P_{SB}	5.0	W	heating/Average	Q_{HE}	1381	kWh/a
thermostat-off mode	P_{TO}	15.0	W	heating/Warmer	Q_{HE}	583	kWh/a
crankcase heater mode	P_{CK}	-	W	heating/Colder	Q_{HE}	4088	kWh/a
capacity control (indicate one of three options)				Other items			
fixed	N			Sound Power Level Indoor	L_{WA}	60	dB(A)
				Outdoor		65	
staged	N			Global Warming Potential	GWP	1975	$kgCO_2$ eq.
variable	Y			Rated Air Flow (indoor/outdoor)		750/2160	m^3/h

mandatory
filled if Warmer is
Colder is designated

(*) 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 required.