

RAK-35RPE				RAC-35WPE			
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	3.5	kW	cooling	SEER	7.8	-
heating/Average	Pdesignh	2.6	kW	heating/Average	SCOP	4.9	-
heating/Warmer	Pdesignh	1.4	kW	heating/Warmer	SCOP/W	6.3	-
heating/Colder	Pdesignh	3.8	kW	heating/Colder	SCOP/C	3.5	-
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	3.5	kW	Tj = 35°C	EERd	3.7	-
Tj = 30°C	Pdc	2.6	kW	Tj = 30°C	EERd	5.1	-
Tj = 25°C	Pdc	1.7	kW	Tj = 25°C	EERd	9.6	-
Tj = 20°C	Pdc	0.9	kW	Tj = 20°C	EERd	16.5	-
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	2.3	kW	Tj = -7°C	COPd	3.4	-
Tj = 2°C	Pdh	1.4	kW	Tj = 2°C	COPd	4.8	-
Tj = 7°C	Pdh	1.0	kW	Tj = 7°C	COPd	6.5	-
Tj = 12°C	Pdh	1.1	kW	Tj = 12°C	COPd	8.0	-
Tj = bivalent temperature	Pdh	2.3	kW	Tj = bivalent temperature	COPd	3.4	-
Tj = operating limit	Pdh	1.8	kW	Tj = operating limit	COPd	2.5	-
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	1.4	kW	Tj = 2°C	COPd	4.8	-
Tj = 7°C	Pdh	1.0	kW	Tj = 7°C	COPd	6.5	-
Tj = 12°C	Pdh	1.1	kW	Tj = 12°C	COPd	8.0	-
Tj = bivalent temperature	Pdh	1.4	kW	Tj = bivalent temperature	COPd	4.8	-
Tj = operating limit	Pdh	1.8	kW	Tj = operating limit	COPd	2.5	-
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	2.3	kW	Tj = -7°C	COPd	3.4	-
Tj = 2°C	Pdh	1.4	kW	Tj = 2°C	COPd	4.8	-
Tj = 7°C	Pdh	1.0	kW	Tj = 7°C	COPd	6.5	-
Tj = 12°C	Pdh	1.1	kW	Tj = 12°C	COPd	8.0	-
Tj = bivalent temperature	Pdh	2.3	kW	Tj = bivalent temperature	COPd	3.4	-
Tj = operating limit	Pdh	1.8	kW	Tj = operating limit	COPd	2.5	-
Tj = -15 °C	Pdh	1.8	kW	Tj = -15 °C	COPd	2.5	-
Bivalent Temperature				Operating limit temperature			
heating/Average	Tbiv	-7°C	°C	heating/Average	Tol	-15°C	°C
heating/Warmer	Tbiv	2°C	°C	heating/Warmer	Tol	-15°C	°C
heating/Colder	Tbiv	-7°C	°C	heating/Colder	Tol	-15°C	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling		-	
for heating	Pcyh	-	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	POFF	2.0	W	cooling	QCE	157	kWh/a
standby mode	PSB	2.0	W	heating/Average	QHE	742	kWh/a
thermostat-off mode	Pto	5.0	W	heating/Warmer	QHE	311	kWh/a
crankcase heater mode	PCK	-	W	heating/Colder	QHE	2288	kWh/a
capacity control (indicate one of three options)				Other items			
fixed	N			Sound Power Level	Indoor	LWA	57
					Outdoor		61
staged	N			Global Warming Potential	GWP	675	kgCO ₂ eq.
variable	Y			Rated Air Flow (indoor/outdoor)		780/1920	m ³ /h
Contact details				Johnson Controls - Hitachi Air Conditioning Wuhu Co., Ltd No2 Qiluoshan Road,Wuhu City, Anhui Province The People's Republic of China, 241009			

(*) 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.