

Outdoor unit	RXA42A2V1B
Indoor unit	FTXA42A2V1BW

Function		Heating season	
Cooling	Yes	Average (mandatory)	Yes
Heating	Yes	Warmer (if designated)	Yes
		Colder (if designated)	No

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Design Load				Seasonal efficiency			
Cooling	Pdesignc	4.20	kW	Cooling	SEER	7.50	-
heating / Average	Pdesignh	3.80	kW	heating / Average	SCOP / A	4.60	-
heating / Warmer	Pdesignh	2.15	kW	heating / Warmer	SCOP / W	5.93	-
heating / Colder	Pdesignh		kW	heating / Colder	SCOP / C		-

Declared capacity* for cooling, at indoor temperature 27(19) °C and outdoor temperature Tj				Declared energy efficiency ratio*, at indoor temperature 27(19) °C and outdoor temperature Tj			
Tj = 35°C	Pdc	4.20	kW	Tj = 35°C	EERd	3.99	-
Tj = 30°C	Pdc	3.09	kW	Tj = 30°C	EERd	5.54	-
Tj = 25°C	Pdc	1.99	kW	Tj = 25°C	EERd	9.31	-
Tj = 20°C	Pdc	1.86	kW	Tj = 20°C	EERd	12.06	-

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	3.36	kW	Tj = -7°C	COPd	3.24	-
Tj = 2°C	Pdh	2.05	kW	Tj = 2°C	COPd	4.44	-
Tj = 7°C	Pdh	1.65	kW	Tj = 7°C	COPd	6.33	-
Tj = 12°C	Pdh	1.52	kW	Tj = 12°C	COPd	7.35	-
Tj = bivalent temperature	Pdh	3.36	kW	Tj = bivalent temperature	COPd	3.24	-
Tj = operating limit	Pdh	3.90	kW	Tj = operating limit	COPd	2.04	-

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	2.15	kW	Tj = 2°C	COPd	4.42	-
Tj = 7°C	Pdh	1.71	kW	Tj = 7°C	COPd	6.43	-
Tj = 12°C	Pdh	1.5	kW	Tj = 12°C	COPd	7.35	-
Tj = bivalent temperature	Pdh	2.15	kW	Tj = bivalent temperature	COPd	4.42	-
Tj = operating limit	Pdh		kW	Tj = operating limit	COPd	2.04	-

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		kW	Tj = -7°C	COPd		-
Tj = 2°C	Pdh		kW	Tj = 2°C	COPd		-
Tj = 7°C	Pdh		kW	Tj = 7°C	COPd		-
Tj = 12°C	Pdh		kW	Tj = 12°C	COPd		-
Tj = bivalent temperature	Pdh		kW	Tj = bivalent temperature	COPd		-
Tj = operating limit	Pdh		kW	Tj = operating limit	COPd		-
Tj = -15°C	Pdh		kW	Tj = -15°C	COPd		-

Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv		°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	2	°C	heating / Warmer	Tol		°C
heating / Colder	Tbiv		°C	heating / Colder	Tol		°C

Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc		kW	for cooling	EERcyc		-
for heating	Pcyhc		kW	for heating	COPcyc		-
Degradation co-efficient cooling**	Cdc	0.25	-	Degradation co-efficient cooling**	Cdh	0.25	-

Electric power input in power models other than 'active mode'				Annual electricity consumption			
off mode	Poff	5.0E-4	kW	Cooling	QCE	196	kWh/a
standby mode	Psb	5.0E-4	kW	heating / Average	QHE	1,150	kWh/a
thermostat-off mode	PTO	0.013	kW	heating / Warmer	QHE	508	kWh/a
crankcase heater mode	PCK	0.0	kW	heating / Colder	QHE		kWh/a

Capacity control				Other items			
fixed	N			Sound power level (indoor/outdoor)	LWA	60 / 62	db(A)
staged	N			Global warming potential	GWP	675.0	kgCO ₂ eq.
variable	N			Rated air flow (indoor/outdoor)		13.1 / 50.4	m ³ /min

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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 of cooling cycling test value is required.