

Outdoor unit		RXM42N2V1B9	
Indoor unit		FTXM42N2V1B	

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

Item	Symbol	Value	Unit
Design Load			
Cooling	Pdesignc	4.20	kW
heating / Average	Pdesignh	4.00	kW
heating / Warmer	Pdesignh	2.15	kW
heating / Colder	Pdesignh		kW

Item	Symbol	Value	Unit
Seasonal efficiency			
Cooling	SEER	7.85	-
heating / Average	SCOP / A	4.71	-
heating / Warmer	SCOP / W	6.15	-
heating / Colder	SCOP / C		-

Declared capacity* for cooling, at indoor temperature 27(19) °C and outdoor temperature Tj			
Tj = 35 °C	Pdc	4.20	kW
Tj = 30 °C	Pdc	3.09	kW
Tj = 25 °C	Pdc	1.99	kW
Tj = 20 °C	Pdc	1.82	kW

Declared energy efficiency ratio*, at indoor temperature 27(19) °C and outdoor temperature Tj			
Tj = 35 °C	EERd	4.33	-
Tj = 30 °C	EERd	6.21	-
Tj = 25 °C	EERd	9.22	-
Tj = 20 °C	EERd	12.72	-

Declared capacity* for heating / Average season , at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	Pdh	3.54	kW
Tj = 2 °C	Pdh	2.15	kW
Tj = 7 °C	Pdh	1.38	kW
Tj = 12 °C	Pdh	1.54	kW
Tj = bivalent temperature	Pdh	3.54	kW
Ti = operating limit	Pdh	2.67	kW

Declared coefficient of performance* / Average season, at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	COPd	2.72	-
Tj = 2 °C	COPd	4.80	-
Tj = 7 °C	COPd	6.30	-
Tj = 12 °C	COPd	7.64	-
Tj = bivalent temperature	COPd	2.72	-
Ti = operating limit	COPd	1.99	-

Declared capacity* for heating / Warmer season , at indoor temperature 20 °C and outdoor temperature Tj			
Tj = 2 °C	Pdh	2.15	kW
Tj = 7 °C	Pdh	1.38	kW
Tj = 12 °C	Pdh	1.54	kW
Tj = bivalent temperature	Pdh	3.54	kW
Ti = operating limit	Pdh		kW

Declared coefficient of performance* / Warmer season, at indoor temperature 20 °C and outdoor temperature Tj			
Tj = 2 °C	COPd	4.80	-
Tj = 7 °C	COPd	6.30	-
Tj = 12 °C	COPd	7.64	-
Tj = bivalent temperature	COPd	2.72	-
Ti = operating limit	COPd	1.99	-

Declared capacity* for heating / Colder season , at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	Pdh		kW
Tj = 2 °C	Pdh		kW
Tj = 7 °C	Pdh		kW
Tj = 12 °C	Pdh		kW
Tj = bivalent temperature	Pdh		kW
Tj = operating limit	Pdh		kW
Ti = -15 °C	Pdh		kW

Declared coefficient of performance* / Colder season, at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	COPd		-
Tj = 2 °C	COPd		-
Tj = 7 °C	COPd		-
Tj = 12 °C	COPd		-
Tj = bivalent temperature	COPd		-
Tj = operating limit	COPd		-
Ti = -15 °C	COPd		-

Bivalent temperature			
heating / Average	Tbiv		°C
heating / Warmer	Tbiv	2	°C
heating / Colder	Tbiv		°C

Operating limit temperature			
heating / Average	Tol	-20	°C
heating / Warmer	Tol		°C
heating / Colder	Tol		°C

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

Cycling interval efficiency			
for cooling	EERcyc		-
for heating	COPcyc		-
Degradation co-efficient cooling**	Cdh	0.25	-

Electric power input in power models other than 'active mode'			
off mode	Poff	0.001	kW
standby mode	Psb	0.001	kW
thermostat-off mode	Pto	0.012	kW
crankcase heater mode	PCK	0.0	kW

Annual electricity consumption			
Cooling	QCE	187	kWh/a
heating / Average	QHE	1,189	kWh/a
heating / Warmer	QHE	490	kWh/a
heating / Colder	QHE		kWh/a

Capacity control			
fixed	N		
staged	N		
variable	N		

Other items			
Sound power level (indoor/outdoor)	LWA	60 / 62	db(A)
Global warming potential	GWP	675	kgCO ₂ eq.
Rated air flow (indoor/outdoor)	-	12.6 / 46.6	m ³ /min

Contact details for obtaining more information	DAIKIN EUROPE N.V. Zandvoordestraat 300 B-8400 Oostende Belgium
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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.