

Outdoor unit	RXM50MV1B
Indoor unit	FTXM50M2V1B

<b>Function</b>		<b>Heating season</b>	
Cooling	Yes	Average (mandatory)	Yes
Heating	Yes	Warmer (if designated)	No
		Colder (if designated)	No

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
<b>Design Load</b>				<b>Seasonal efficiency</b>			
Cooling	Pdesignc	5.00	kW	Cooling	SEER	7.33	-
heating / Average	Pdesignh	4.60	kW	heating / Average	SCOP / A	4.6	-
heating / Warmer	Pdesignh	2.48	kW	heating / Warmer	SCOP / W	5.84	-
heating / Colder	Pdesignh		kW	heating / Colder	SCOP / C		-

<b>Declared capacity* for cooling, at indoor temperature 27(19) °C and outdoor temperature Tj</b>				<b>Declared energy efficiency ratio*, at indoor temperature 27(19) °C and outdoor temperature Tj</b>			
Tj = 35°C	Pdc	5.00	kW	Tj = 35°C	EERd	3.68	-
Tj = 30°C	Pdc	3.68	kW	Tj = 30°C	EERd	5.51	-
Tj = 25°C	Pdc	2.37	kW	Tj = 25°C	EERd	8.22	-
Tj = 20°C	Pdc	2.12	kW	Tj = 20°C	EERd	14.43	-

<b>Declared capacity* for heating / Average season , at indoor temperature 20 °C and outdoor temperature Tj</b>				<b>Declared coefficient of performance* / Average season, at indoor temperature 20 °C and outdoor temperature Tj</b>			
Tj = -7°C	Pdh	4.07	kW	Tj = -7°C	COPd	2.90	-
Tj = 2°C	Pdh	2.48	kW	Tj = 2°C	COPd	4.65	-
Tj = 7°C	Pdh	1.61	kW	Tj = 7°C	COPd	5.83	-
Tj = 12°C	Pdh	1.36	kW	Tj = 12°C	COPd	7.07	-
Tj = bivalent temperature	Pdh	4.07	kW	Tj = bivalent temperature	COPd	2.90	-
Tj = operating limit	Pdh	4.12	kW	Tj = operating limit	COPd	2.16	-

<b>Declared capacity* for heating / Warmer season , at indoor temperature 20 °C and outdoor temperature Tj</b>				<b>Declared coefficient of performance* / Warmer season, at indoor temperature 20 °C and outdoor temperature Tj</b>			
Tj = 2°C	Pdh	2.48	kW	Tj = 2°C	COPd	4.65	-
Tj = 7°C	Pdh	1.61	kW	Tj = 7°C	COPd	5.83	-
Tj = 12°C	Pdh	1.4	kW	Tj = 12°C	COPd	7.07	-
Tj = bivalent temperature	Pdh	2.48	kW	Tj = bivalent temperature	COPd	4.65	-
Tj = operating limit	Pdh	4.12	kW	Tj = operating limit	COPd	2.16	-

<b>Declared capacity* for heating / Colder season , at indoor temperature 20 °C and outdoor temperature Tj</b>				<b>Declared coefficient of performance* / Colder season, at indoor temperature 20 °C and outdoor temperature Tj</b>			
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		-

<b>Bivalent temperature</b>				<b>Operating limit temperature</b>			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	2	°C	heating / Warmer	Tol	-15	°C
heating / Colder	Tbiv		°C	heating / Colder	Tol		°C

<b>Cycling interval capacity</b>				<b>Cycling interval efficiency</b>			
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	-

<b>Electric power input in power models other than 'active mode'</b>				<b>Annual electricity consumption</b>			
off mode	Poff	0.001	kW	Cooling	QCE	239	kWh/a
standby mode	Psb	0.001	kW	heating / Average	QHE	1,400	kWh/a
thermostat-off mode	PTO	0.012	kW	heating / Warmer	QHE	595	kWh/a
crankcase heater mode	PCK	0.0	kW	heating / Colder	QHE		kWh/a

<b>Capacity control</b>				<b>Other items</b>			
fixed	N			Sound power level (indoor/outdoor)	LWA	59 / 63	db(A)
staged	N			Global warming potential	GWP	675	kgCO <sub>2</sub> eq.
variable	N			Rated air flow (indoor/outdoor)	-	/ 50.4	m <sup>3</sup> /min

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

\* 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.