

Outdoor unit		RXJ50A2V1B	
Indoor unit		FTXJ50A2V1BW	
<b>Function</b>			
Kühlen	Ja	Heating season	
Heizen	Ja	Average (mandatory)	Ja
		Warmer (if designated)	Ja
		Colder (if designated)	Nein
<b>Element</b>			
<b>Design Load</b>	<b>Symbol</b>	<b>Wert</b>	<b>Maßeinheit</b>
Kühlen	P <sub>designc</sub>	5.00	kW
heating / Average	P <sub>designh</sub>	4.00	kW
heating / Warmer	P <sub>designh</sub>	2.16	kW
heating / Colder	P <sub>designh</sub>		kW
<b>Deklarierte Leistung* für Kühlen, bei Innentemperatur 27 (19) °C und Außentemperatur Tj</b>			
Tj = 35 °C	P <sub>dc</sub>	5.00	kW
Tj = 30 °C	P <sub>dc</sub>	3.69	kW
Tj = 25 °C	P <sub>dc</sub>	2.37	kW
Tj = 20 °C	P <sub>dc</sub>	1.89	kW
<b>Deklarierte Leistung* für Kühlen, bei Innentemperatur 27 (19) °C und Außentemperatur Tj</b>			
Tj = 35 °C	EERd	3.68	-
Tj = 30 °C	EERd	5.29	-
Tj = 25 °C	EERd	9.24	-
Tj = 20 °C	EERd	12.03	-
<b>Declared capacity* for heating / Average season , at indoor temperature 20 °C and outdoor temperature Tj</b>			
Tj = -7 °C	P <sub>dh</sub>	3.54	kW
Tj = 2 °C	P <sub>dh</sub>	2.16	kW
Tj = 7 °C	P <sub>dh</sub>	1.73	kW
Tj = 12 °C	P <sub>dh</sub>	1.56	kW
Tj = Bivalent temperature	P <sub>dh</sub>	3.54	kW
Tj = operating limit	P <sub>dh</sub>	3.44	kW
<b>Declared coefficient of performance* / Average season, at indoor temperature 20 °C and outdoor temperature Tj</b>			
Tj = -7 °C	COPd	3.16	-
Tj = 2 °C	COPd	4.52	-
Tj = 7 °C	COPd	6.13	-
Tj = 12 °C	COPd	7.25	-
Tj = Bivalent temperature	COPd	3.16	-
Tj = operating limit	COPd	2.78	-
<b>Declared capacity* for heating / Warmer season , at indoor temperature 20 °C and outdoor temperature Tj</b>			
Tj = 2 °C	P <sub>dh</sub>	2.16	kW
Tj = 7 °C	P <sub>dh</sub>	1.73	kW
Tj = 12 °C	P <sub>dh</sub>	1.56	kW
Tj = Bivalent temperature	P <sub>dh</sub>	2.16	kW
Tj = operating limit	P <sub>dh</sub>	2.16	kW
<b>Declared coefficient of performance* / Warmer season, at indoor temperature 20 °C and outdoor temperature Tj</b>			
Tj = 2 °C	COPd	4.52	-
Tj = 7 °C	COPd	6.13	-
Tj = 12 °C	COPd	7.25	-
Tj = Bivalent temperature	COPd	4.52	-
Tj = operating limit	COPd	4.52	-
<b>Declared capacity* for heating / Colder season , at indoor temperature 20 °C and outdoor temperature Tj</b>			
Tj = -7 °C	P <sub>dh</sub>		kW
Tj = 2 °C	P <sub>dh</sub>		kW
Tj = 7 °C	P <sub>dh</sub>		kW
Tj = 12 °C	P <sub>dh</sub>		kW
Tj = Bivalent temperature	P <sub>dh</sub>		kW
Tj = operating limit	P <sub>dh</sub>		kW
Tj = -15 °C	P <sub>dh</sub>		kW
<b>Declared coefficient of performance* / Colder season, at indoor temperature 20 °C and outdoor temperature Tj</b>			
Tj = -7 °C	COPd		-
Tj = 2 °C	COPd		-
Tj = 7 °C	COPd		-
Tj = 12 °C	COPd		-
Tj = Bivalent temperature	COPd		-
Tj = operating limit	COPd		-
Tj = -15 °C	COPd		-
<b>Bivalent temperature</b>			
heating / Average	T <sub>biv</sub>	-7	°C
heating / Warmer	T <sub>biv</sub>	2	°C
heating / Colder	T <sub>biv</sub>		°C
<b>operating limit</b>			
heating / Average	T <sub>ol</sub>	-10	°C
heating / Warmer	T <sub>ol</sub>	2	°C
heating / Colder	T <sub>ol</sub>		°C
<b>Cycling Interval capacity</b>			
for cooling	P <sub>cycc</sub>		kW
for heating	P <sub>cych</sub>		kW
Degradation co-efficient cooling**	C <sub>dc</sub>	0.25	-
<b>Cycling Interval efficiency</b>			
for cooling	EER <sub>cycc</sub>		-
for heating	COP <sub>cycc</sub>		-
Degradation co-efficient cooling**	C <sub>dh</sub>	0.25	-
<b>Electric power input in power models other than 'active mode'</b>			
Off mode	P <sub>off</sub>	0.001	kW
Standby mode	P <sub>sb</sub>	0.001	kW
Thermostat-off mode	P <sub>TO</sub>	0	kW
Crankcase heater mode	P <sub>CK</sub>	0	kW
<b>Annual electricity consumption</b>			
Kühlen	Q <sub>CE</sub>	239	kWh/a
heating / Average	Q <sub>HE</sub>	1,218	kWh/a
heating / Warmer	Q <sub>HE</sub>	524	kWh/a
heating / Colder	Q <sub>HE</sub>		kWh/a
<b>Capacity control</b>			
Fest	N		
Gestaffelt	N		
Variable	N		
<b>Other Items</b>			
Sound power level (indoor/outdoor)	L <sub>WA</sub>	60.0 / 62.0	db(A)
Global warming potential	GWP	675	kgCO <sub>2</sub> eq.
Rated air flow (indoor/outdoor)		13.5 / 46.6	m <sup>3</sup> /min
<b>Contact details for obtaining more information</b>			
Dalkin Europe N.V. 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 C<sub>d</sub> = 0.25 is chosen then (results from) cycling tests are not required. Otherwise either the heating or cooling cycling test value is required.