

Infrastructure Cooling

							Compressor		OFM		IFM		
Indoor		Outdoor	Power supply	Voltage range	MCA	TOCA	MFA	MSC	RLA	kW	FLA	kW	FLA
FCQHG71FVEB	x2	RZQG125L8Y1B	3N~ 50Hz 380-415V	Minimum: 342 V Maximum 456 V	17,8	—	20	—	14,2	0.094+0.094	0.4+0.4	0,091 x2	0,5 x2
FCQHG140FVEB		RZQG125L8Y1B			18,3	—	20	—	14,2	0.094+0.094	0.4+0.4	0,244	1,4
FCQG35FVEB	x4	RZQG125L8Y1B			18,0	—	20	—	14,2	0.094+0.094	0.4+0.4	0,044 x4	0,3 x4
FCQG50FVEB	x3	RZQG125L8Y1B			17,6	—	20	—	14,2	0.094+0.094	0.4+0.4	0,039 x3	0,3 x3
FCQG71FVEB	x2	RZQG125L8Y1B			17,5	—	20	—	14,2	0.094+0.094	0.4+0.4	0,054 x2	0,4 x2
FCQG140FVEB		RZQG125L8Y1B			17,8	—	20	—	14,2	0.094+0.094	0.4+0.4	0,168	1,0
FFQ35C2VEB	x4	RZQG125L8Y1B			18,5	—	20	—	14,2	0.094+0.094	0.4+0.4	0,050 x4	0,4 x4
FFQ50C2VEB	x3	RZQG125L8Y1B			18,0	—	20	—	14,2	0.094+0.094	0.4+0.4	0,050 x3	0,4 x3
FBQ35D2VEB	x4	RZQG125L8Y1B			19,5	—	20	—	14,2	0.094+0.094	0.4+0.4	0,089 x4	0,6 x4
FBQ50D2VEB	x3	RZQG125L8Y1B			18,8	—	20	—	14,2	0.094+0.094	0.4+0.4	0,089 x3	0,6 x3
FBQ71D2VEB	x2	RZQG125L8Y1B			17,8	—	20	—	14,2	0.094+0.094	0.4+0.4	0,070 x2	0,5 x2
FBQ140D2VEB		RZQG125L8Y1B			18,4	—	20	—	14,2	0.094+0.094	0.4+0.4	0,187	1,5
FHQ35CAVEB	x4	RZQG125L8Y1B			19,5	—	20	—	14,2	0.094+0.094	0.4+0.4	0,060 x4	0,6 x4
FHQ50CAVEB	x3	RZQG125L8Y1B			18,8	—	20	—	14,2	0.094+0.094	0.4+0.4	0,060 x3	0,6 x3
FHQ71CAVEB	x2	RZQG125L8Y1B			18,5	—	20	—	14,2	0.094+0.094	0.4+0.4	0,091 x2	0,8 x2
FHQ140CAVEB		RZQG125L8Y1B			18,8	—	20	—	14,2	0.094+0.094	0.4+0.4	0,150	1,8
FUQ71CVEB	x2	RZQG125L8Y1B			18,8	—	20	—	14,2	0.094+0.094	0.4+0.4	0,046 x2	0,9 x2
FAQ71CVEB	x2	RZQG125L8Y1B			17,5	—	20	—	14,2	0.094+0.094	0.4+0.4	0,048 x2	0,4 x2
FVQ140CVEB		RZQG125L8Y1B			18,3	—	20	—	14,2	0.094+0.094	0.4+0.4	0,276	1,4
FDXS35F2VEB	x4	RZQG125L8Y1B			18,0	—	20	—	14,2	0.094+0.094	0.4+0.4	0,034 x4	0,3 x4
FDXS50F2VEB9	x3	RZQG125L8Y1B			18,4	—	20	—	14,2	0.094+0.094	0.4+0.4	0,060 x3	0,5 x3
FCQHG71FVEB	x2	RZQG140L7Y1B	3N~ 50Hz 380-415V	Minimum: 342 V Maximum 456 V	17,8	—	20	—	14,2	0.094+0.094	0.4+0.4	0,091 x2	0,5 x2
FCQHG140FVEB		RZQG140L7Y1B			18,3	—	20	—	14,2	0.094+0.094	0.4+0.4	0,244	1,4
FCQG35FVEB	x4	RZQG140L7Y1B			18,0	—	20	—	14,2	0.094+0.094	0.4+0.4	0,044 x4	0,3 x4
FCQG50FVEB	x3	RZQG140L7Y1B			17,6	—	20	—	14,2	0.094+0.094	0.4+0.4	0,039 x3	0,3 x3
FCQG71FVEB	x2	RZQG140L7Y1B			17,5	—	20	—	14,2	0.094+0.094	0.4+0.4	0,054 x2	0,4 x2
FCQG140FVEB		RZQG140L7Y1B			17,8	—	20	—	14,2	0.094+0.094	0.4+0.4	0,168	1,0
FFQ35C2VEB	x4	RZQG140L7Y1B			18,5	—	20	—	14,2	0.094+0.094	0.4+0.4	0,050 x4	0,4 x4
FFQ50C2VEB	x3	RZQG140L7Y1B			18,0	—	20	—	14,2	0.094+0.094	0.4+0.4	0,050 x3	0,4 x3
FBQ35D2VEB	x4	RZQG140L7Y1B			19,5	—	20	—	14,2	0.094+0.094	0.4+0.4	0,089 x4	0,6 x4
FBQ50D2VEB	x3	RZQG140L7Y1B			18,8	—	20	—	14,2	0.094+0.094	0.4+0.4	0,089 x3	0,6 x3
FBQ71D2VEB	x2	RZQG140L7Y1B			17,8	—	20	—	14,2	0.094+0.094	0.4+0.4	0,070 x2	0,5 x2
FBQ140D2VEB		RZQG140L7Y1B			18,4	—	20	—	14,2	0.094+0.094	0.4+0.4	0,187	1,5
FHQ35CAVEB	x4	RZQG140L7Y1B			19,5	—	20	—	14,2	0.094+0.094	0.4+0.4	0,060 x4	0,6 x4
FHQ50CAVEB	x3	RZQG140L7Y1B			18,8	—	20	—	14,2	0.094+0.094	0.4+0.4	0,060 x3	0,6 x3
FHQ71CAVEB	x2	RZQG140L7Y1B			18,5	—	20	—	14,2	0.094+0.094	0.4+0.4	0,091 x2	0,8 x2
FHQ140CAVEB		RZQG140L7Y1B			18,8	—	20	—	14,2	0.094+0.094	0.4+0.4	0,150	1,8
FUQ71CVEB	x2	RZQG140L7Y1B			18,8	—	20	—	14,2	0.094+0.094	0.4+0.4	0,046 x2	0,9 x2
FAQ71CVEB	x2	RZQG140L7Y1B			17,5	—	20	—	14,2	0.094+0.094	0.4+0.4	0,048 x2	0,4 x2
FVQ140CVEB		RZQG140L7Y1B			18,3	—	20	—	14,2	0.094+0.094	0.4+0.4	0,276	1,4
FDXS35F2VEB	x4	RZQG140L7Y1B			18,0	—	20	—	14,2	0.094+0.094	0.4+0.4	0,034 x4	0,3 x4
FDXS50F2VEB9	x3	RZQG140L7Y1B			18,4	—	20	—	14,2	0.094+0.094	0.4+0.4	0,060 x3	0,5 x3

Symbols

MCA: Minimum Circuit Ampere [A]
TOCA: Total overcurrent amps [A]
MFA: Maximum Fuse Ampere [A]
MSC: Maximum current of the starting compressor [A]
RLA: Rated load amps [A]
OFM: Outdoor fan motor
IFM: Indoor fan motor
FLA: Full Load Ampere [A]
KW: Fan motor rated output [kW]

- Notes**
1. The RLA is based on the following conditions.

Cooling

Indoor temperature 27.0°C DB / 19.0°C WB
Outdoor temperature 35.0°C DB

Heating

Indoor temperature 20.0°C DB
Outdoor temperature 7.0°C DB / 6.0°C WB
2. TOCA is the total value of each overcurrent set.
3. Voltage range
The units are suitable for use with electrical systems in which the voltage supplied to the unit terminals is not below or above the listed range limits.
4. The maximum allowable voltage that is unbalanced between phases is 2%.
5. MCA is the maximum input current.
The capacity of the MFA must be greater than that of the MCA.
Select the MFA according to the table.
6. Select the wire size according to the MCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interruptor.
Earth leakage circuit breaker