

**AZQS-B(8)V1A**  
**AZQS-BY1A**

Indoor	Outdoor	Hz ~ Power supply	Voltage range	MCA	TOCA	MFA	Comp		OFM		IFM	
							MSC	RLA	KW	FLA	KW	FLA
FCQG100FVEB	AZQS100B8V1B A			28.4	—	32	—	24.4	0.2	0.6	0.117	0.7
FCQG125FVEB	AZQS125B8V1B A			28.8	—	32	—	24.4	0.2	0.6	0.168	1.0
FCQG140FVEB	AZQS140B8V1B A			28.8	—	32	—	24.2	0.094+0.094	0.4+0.4	0.168	1.0
FCQG100FVEB	AZQS100B7Y1B A			14.1	—	16	—	11.4	0.2	0.6	0.117	0.7
FCQG125FVEB	AZQS125B7Y1B A			14.5	—	16	—	11.4	0.2	0.6	0.168	1.0
FCQG140FVEB	AZQS140B7Y1B A			17.8	—	20	—	14.2	0.094+0.094	0.4+0.4	0.168	1.0

**Symbols**

- MCA: Minimum Circuit Amperes [A]
- TOCA: Total overcurrent amps [A]
- MFA: Maximum Fuse Amperes [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 amps
- 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.  
 The next lower standard fuse rating is minimum 15 ampere.
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 \_\_\_\_\_

**3D090681B**