

# AZQS-B(8)V1 AZQS-BY1

Indoor	Outdoor	Hz ~ Power supply	Voltage range	MCA	TOCA	MFA	Comp		OFM		IFM	
							MSC	RLA	KW	FLA	kW	FLA
ACQ71DV1	AZQS71B2V1B	50Hz ~220-240V	Min. 198V Max. 264V	18.8	—	20	—	16.2	0.07	0.3	0.067	0.52
ABQ71CV1	AZQS71B2V1B			19.5	—	20	—	16.2	0.07	0.3	0.128	1.05
ADEQ71A7VEB	AZQS71B2V1B			19.5	—	20	—	16.2	0.07	0.3	0.350	1.1
AHQ71CV1	AZQS71B2V1B			19.2	—	20	—	16.2	0.07	0.3	0.106	0.8
ACQ100DV1	AZQS100B8V1B			28.5	—	32	—	24.4	0.2	0.6	0.094	0.77
ABQ100CV1	AZQS100B8V1B			28.6	—	32	—	24.4	0.2	0.6	0.109	0.9
ADEQ100A7VEB	AZQS100B8V1B			29.5	—	32	—	24.4	0.2	0.6	0.350	1.6
AHQ100CV1	AZQS100B8V1B			28.9	—	32	—	24.4	0.2	0.6	0.149	1.12
ACQ125DV1	AZQS125B8V1B			28.9	—	32	—	24.4	0.2	0.6	0.137	1.12
ABQ125CV1	AZQS125B8V1B			31.5	—	32	—	24.4	0.2	0.6	0.413	3.16
ADEQ125A7VEB	AZQS125B8V1B			30.1	—	32	—	24.4	0.2	0.6	0.350	2.1
AHQ125CV1	AZQS125B8V1B			28.9	—	32	—	24.4	0.2	0.6	0.240	1.1
ABQ140CV1	AZQS140B8V1B			32.8	—	40	—	24.2	0.094+0.094	0.4+0.4	0.546	4.23
AHQ140CV1	AZQS140B8V1B			30.7	—	32	—	24.2	0.094+0.094	0.4+0.4	0.316	2.52
ACQ140DV1	AZQS140B8V1B			28.9	—	32	—	24.2	0.094+0.094	0.4+0.4	0.137	1.12
ACQ100DV1	AZQS100B7Y1B			3N~50Hz 380-415V	Min. 342V Max. 456V	14.2	—	20	—	11.4	0.2	0.6
ABQ100CV1	AZQS100B7Y1B	14.3	—			20	—	11.4	0.2	0.6	0.109	0.9
ADEQ100A7VEB	AZQS100B7Y1B	15.2	—			20	—	11.4	0.2	0.6	0.350	1.6
AHQ100CV1	AZQS100B7Y1B	14.6	—			20	—	11.4	0.2	0.6	0.149	1.12
ACQ125DV1	AZQS125B7Y1B	14.6	—			20	—	11.4	0.2	0.6	0.137	1.12
ABQ125CV1	AZQS125B7Y1B	17.2	—			20	—	11.4	0.2	0.6	0.413	3.16
ADEQ125A7VEB	AZQS125B7Y1B	15.8	—			20	—	11.4	0.2	0.6	0.350	2.1
AHQ125CV1	AZQS125B7Y1B	14.6	—			20	—	11.4	0.2	0.6	0.240	1.1
ABQ140CV1	AZQS140B7Y1B	21.8	—			25	—	14.2	0.094+0.094	0.4+0.4	0.546	4.23
AHQ140CV1	AZQS140B7Y1B	19.7	—			20	—	14.2	0.094+0.094	0.4+0.4	0.316	2.52
ACQ140DV1	AZQS140B7Y1B	17.9	—			20	—	14.2	0.094+0.094	0.4+0.4	0.137	1.12

## 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 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 \_\_\_\_\_