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## FXAQ-MAVE9

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# 1 Specifications

1-1 TECHNICAL SPECIFICATIONS			FXAQ20MAVE9	FXAQ25MAVE9	FXAQ32MAVE9	FXAQ40MAVE9	FXAQ50MAVE9	FXAQ63MAVE9	
Capacity	Cooling	kW	2.2	2.8	3.6	4.5	5.6	7.1	
	Heating	kW	2.5	3.2	4.0	5.0	6.3	8.0	
Power Input (50Hz)	Cooling	kW	0.016	0.022	0.027	0.020	0.027	0.050	
	Heating	kW	0.024	0.027	0.032	0.020	0.032	0.060	
Power Input (60Hz)	Cooling	kW	0.016	0.022	0.027	0.020	0.027	0.050	
	Heating	kW	0.024	0.027	0.032	0.020	0.032	0.060	
Casing	Colour	white (3.0Y8.5/0.5)							
Dimensions	Unit	Height	290						
		Width	795	795	795	1,050	1,050	1,050	
	Depth	230							
Weight	Unit	kg	11	11	11	14	14	14	
Heat Exchanger	Dimensions	Nr of Rows	2						
		Fin Pitch	1.40						
		Face Area	0.161	0.161	0.161	0.213	0.213	0.213	
		Nr of Stages	14						
Fan	Type	Cross flow fan							
	Quantity	1							
Cooling	High	m³/min	7.5	8	9	12	15	19	
	Low	m³/min	4.5	5	5.5	9	12	14	
Fan	Motor	Quantity	1						
		Model	QCL9661M	QCL9661M	QCL9661M	QCL9686M	QCL9686M	QCL9686M	
		Output (high)	W	40	40	40	43	43	43
		Drive	Direct drive						
Refrigerant	Name	R-410A							
Cooling	Sound Pressure	High	dBA	35.0	36.0	37.0	39.0	42.0	46.0
		Low	dBA	29.0	29.0	29.0	34.0	36.0	39.0
Piping connections	Liquid (OD)	Type	Flare connection						
		Diameter	mm	6.35	6.35	6.35	6.35	6.35	9.52
	Gas	Type	Flare connection						
		Diameter	mm	12.7	12.7	12.7	12.7	12.7	15.9
	Drain	Diameter	VP13 (I.D. 13/O.D. 18)						
Heat Insulation	Foamed polystyrene/foamed polyethylene								
Air Filter	Washable resin net								
Refrigerant control	Electronic expansion valve								
Temperature control	Microprocessor thermostat for cooling and heating								
Safety devices	PC board fuse								
Standard Accessories	Installation and operation manual								
	Installation panel								
	Paper pattern for installation								
	Insulation tape								
	Clamps								
	Screws								
Notes	Nominal cooling capacities are based on : indoor temperature : 27°CDB, 19°CWB, outdoor temperature : 35°CDB, equivalent refrigerant piping : 5m (horizontal)								
	Nominal heating capacities are based on : indoor temperature : 20°CDB, outdoor temperature : 7°CDB, 6°CWB, equivalent refrigerant piping : 5m (horizontal)								
	Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.								

# 1 Specifications

1-2 ELECTRICAL SPECIFICATIONS (50HZ)			FXAQ20MAVE9	FXAQ25MAVE9	FXAQ32MAVE9	FXAQ40MAVE9	FXAQ50MAVE9	FXAQ63MAVE9
Power Supply	Name		VE					
	Phase		1~					
	Frequency	Hz	50					
	Voltage	V	220-240					
Current	Minimum circuit amps (MCA)	A	0.3	0.4	0.4	0.4	0.4	0.6
	Maximum fuse amps (MFA)	A	15					
	Full load amps (FLA)	A	0.2	0.3	0.3	0.3	0.3	0.5
Voltage range	Minimum	V	-10%					
	Maximum	V	+10%					
Notes			Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits. Maximum allowable voltage range variation between phases is 2%. MCA/MFA : MCA = 1.25 x FLA MFA is smaller than or equal to 4 x FLA Next lower standard fuse rating minimum 15A Select wire size based on the MCA Instead of a fuse, use a circuit breaker					

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1-3 ELECTRICAL SPECIFICATIONS (60HZ)			FXAQ20MAVE9	FXAQ25MAVE9	FXAQ32MAVE9	FXAQ40MAVE9	FXAQ50MAVE9	FXAQ63MAVE9
Power Supply	Name		VE					
	Phase		1~					
	Frequency	Hz	60					
	Voltage	V	220					
Current	Minimum circuit amps (MCA)	A	0.3	0.3	0.4	0.4	0.4	0.6
	Maximum fuse amps (MFA)	A	15					
	Full load amps (FLA)	A	0.2	0.2	0.3	0.3	0.3	0.5
Voltage range	Minimum	V	-10%					
	Maximum	V	+10%					
Notes			Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits. Maximum allowable voltage range variation between phases is 2%. MCA/MFA : MCA = 1.25 x FLA MFA is smaller than or equal to 4 x FLA Next lower standard fuse rating minimum 15A Select wire size based on the MCA Instead of a fuse, use a circuit breaker					

































