

Technical Specifications				
Model		--	AF-A18XCS	AF-A24WCS
Power Supply	Rated Voltage	V~	230	230
	Rated Frequency	Hz	60	60
	Phases	--	1	1
Cooling Capacity		W	5280<T1>/4410<T3>	6390<T1>/5370<T3>
Cooling Capacity		Btu/h	18000<T1>/15000<T3>	21800<T1>/18300<T3>
Cooling Power Input		W	1755<T1>/2060<T3>	2150<T1>/2550<T3>
Cooling Power Current		A	7.7<T1>/9.1<T3>	9.5<T1>/11.3<T3>
Rated Input		W	2500	3200
Rated Current		A	12	15.00
EER		W/W	3.0<T1>/2.14<T3>	2.97<T1>/2.10<T3>
EER		(Btu/h)/W	10.25<T1>/7.30<T3>	10.15<T1>/7.20<T3>
Air Flow Volume(H/M/L)		m ³ /h	720/660/600	900/840/780
Air Flow Volume(H/M/L)		CFM	424/388/353	530/494/459
Dehumidifying Volume		L/h	2.20	2.70
Dehumidifying Volume		Pint/h	4.65	5.71
Application Area		m ²	21-31	27-42
Permissible Excessive Operating Pressure for the Discharge Side		MPa	4.3	4.3
Permissible Excessive Operating Pressure for the Suction Side		MPa	2.5	2.5
Maximum Allowable Pressure		MPa	4.5	4.5
Throttling Method		--	Capillary	Capillary
Climate Type		--	T3	T3
Isolation		--	I	I
Moisture Protection		--	IPX4	IPX4
Dimension (WxHxD)		mm	660x428x700	660x428x770
Dimension (WxHxD)		inch	25.984x16.85x27.559	25.984x16.85x30.315
Dimension of Carton Box (LxWxH)	Dimension of Package(L)	mm	790x736x490	860x736x490
Dimension of Carton Box (LxWxH)	Dimension of Package(L)	inch	31.102x28.976x19.291	33.858x28.976x19.291
Dimension of Package (LxWxH)	Dimension of Package(W)	mm	793x739x505	863x739x505
Dimension of Package (LxWxH)	Dimension of Package(W)	inch	31.22x29.094x19.882	33.976x29.094x19.882
Net Weight	Net Weight	kg	52	62
Gross Weight	Gross Weight	kg	56	67
Refrigerant	Refrigerant	--	R410A	R410A
Refrigerant Charge	Refrigerant Charge	kg	0.69	1
Indoor Side	Diameter Length(DXL)	mm	Φ197.6X111	Φ224.7X109.8
	Evaporator Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
	Evaporator Pipe Diameter	mm	φ7	φ7.94
	Evaporator Row-fin Gap	mm	3-1.3	3-1.3
	Evaporator Coil Length (L×D×W)	mm	401X38.1X381	401X38.1X381
	Swing Motor Model	--	SM020B	SM020B
	Swing Motor Power Output	W	4	4.0
	Set Temperature Range	°C	18~30	16~30
	Sound Pressure Level (H/M/L)	dB (A)	56/54/52	59/57/55
	Sound Power Level (H/M/L)	dB (A)	66/64/62	69/67/65
Outdoor Side	Compressor Model	--	QXAH-D17rF090	QXA-E20rH050
	Compressor Oil	--	ATMOS-RB68EP	RB68EP or equivalent
	Compressor Type	--	Rotary	Rotary
	Compressor LRA.	A	43	49
	Compressor RLA	A	7.1	8.6
	Compressor Power Input	W	1620	1940
	Compressor Overload Protector	--	UP3-A7	HPD-350
	Fan Type	--	Axial-flow	Axial-flow
	Fan Diameter	mm	391	396.0
	Fan Motor Speed	rpm	1010/930/860	1060/950/820
	Fan Motor Power Output	W	120	190.0
	Fan Motor RLA	A	1.12	1.4
	Fan Motor Capacitor	μF	5	7.0
	Outdoor Unit Air Flow Volume	m ³ /h	1600	1800
	Outdoor Unit Air Flow Volume	CFM	942	1059
Condenser Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	
Condenser Pipe Diameter	mm	φ5	φ5	
Condenser Rows-fin Gap	mm	2-1.3	3-1.3	
Condenser Coil Length (L×D×W)	mm	688X22.8X400.05	839.2X34.2X400	
Cooling Operation Ambient Temperature Range	°C	16~52	16~52	
Sound Pressure Level (H/M/L)	dB (A)	64/62/60	64/62/60	
Sound Power Level (H/M/L)	dB (A)	74/72/70	74/72/70	