



AURORA

INVERTER



TURBO MODE

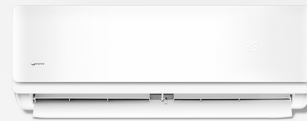


HIGH
DENSITY
FILTERS



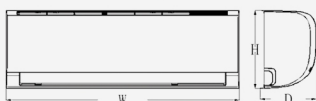
AUTO RESTART
FUNCTION

AURORA INVERTER



Code			22022010009292
Factory Indoor Code			22022011009858
Factory Outdoor Code			22022016009639
Model			MS12F-36HRFN1-QC2GW
Indoor			MS12F-36HRFN1-QC2GW
Outdoor			MOD80U-36HRFN1-QC2GW
Power supply		Ph-V-Hz	220-240V,1Ph,50Hz
Cooling	Capacity	Btu/h	34461
	Input	W	3230
	Rated current	A	14.5
	EER	W/W	3.13
Heating	Capacity	Btu/h	35144
	Input	W	3150
	Rated current	A	13.8
	COP	W/W	3.27
Max. input		W	5175
Max. current		A	22.5
Compressor	Model		ATF310D43UMT
	Type		ROTARY
	Brand		GMCC
	Capacity	W	9490
	Input	W	2600
	Rated current(RLA)	A	5.1
	Locked rotor Amp(LRA)	A	/
	Thermal protector		/
	Thermal protector position		NA
Capacitor	μF	/	
Refrigerant oil/oil charge	ml		VG74/1000
Indoor fan motor	Model		ZKFP-58-8-1
	Input	W	58.0
	Capacitor	uF	/
	Speed(Hi/Mi/Lo)	r/min	
Indoor coil	a.Number of rows		3.0
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37
	c.Fin spacing	mm	1.3
	d.Fin type (code)		Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube
	f.Coil length x height x width	mm	965x126x40.11+965x126x40.11+945x126x40.11
	g.Number of circuits		7
	Indoor air flow	m3/h	
Indoor noise level	dB(A)		51/44/39
Indoor unit	Dimension(W*D*H)	mm	1259x282x362
	Packing (W*D*H)	mm	1340x450x385
	Net/Gross weight	Kg	19.0/26.5
Outdoor fan motor	Model		ZKFN-120-8-2
	Input	W	150.0
	Capacitor	uF	/
	Speed	r/min	
Outdoor coil	a.Number of rows		3.0
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37
	c.Fin spacing	mm	1.4
	d.Fin type (code)		Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube
	f.Coil length x height x width	mm	1000x756x40.11
	g.Number of circuits		6
	Outdoor noise level	dB(A)	
Outdoor unit	Dimension(W*D*H)	mm	946x420x810
	Packing (W*D*H)	mm	1090x500x885
	Net/Gross weight	Kg	69/75
Refrigerant type		Kg	R410A/3.50
Design pressure		MPa	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	40
	Max. difference in level	m	20
Thermostat type			Remote Control
Operation temperature		°C	17~30
Room temperature	Indoor(cooling/ heating)	°C	18~32/0~27
	Outdoor(cooling/heating)	°C	-15~46/-15~24
Application area (Cooling Standard)		m2	46~67

Indoor Dimensions	
Model	W x D x H
MS12F-36HRFN1-QC2GW	1259 x 282 x 362mm



Outdoor Dimensions	
Model	W x D x H
MOD80U-36HRFN1-QC2GW	946 x 420 x 810mm

