

Model No.			iQool24
Power supply		Ph-V-Hz	220-240V~ 50Hz, 1Ph
Rated Cooling	Capacity	Btu/h	24000(9000-27600)
Cooling Power input		W	2430(210-3110)
Cooling Current		A	10.6(0.9-13.5)
Rated Heating	Capacity	Btu/h	26000(6900-31700)
Heating Power input		W	2380(300-3320)
Heating Current		A	10.3(1.3-14.4)
Seasonal Cooling	Pdesignc	kW	7.0
	SEER	W/W	6.3
	Energy Efficiency Class		A++
Heating(Average)	Pdesignh	kW	5.6
	SCOP	W/W	4.0
	Energy Efficiency Class		A+
	Tbiv	°C	-7
Heating(Warmer)	Pdesignh	kW	7.0
	SCOP	W/W	5.1
	Energy Efficiency Class		A+++
	Tbiv	°C	2
Tol		°C	-15
Moisture Removal		L/h	/
Max. input consumption		W	3700
Max. current		A	17
Starting current		A	- -
Compressor	Model		ATF235D22UMT
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	24345
	Input	W	1970
	Rated current(RLA)	A	6.95
	Locked rotor Amp(LRA)	A	- -
	Thermal protector		- -
	Thermal protector position		- -
	Capacitor	uF	- -
	Refrigerant oil/oil charge	ml	POE(VG74)/670
Indoor fan motor	Model		ZKFP-58-8-1
	Output	W	58
	Capacitor	uF	- -
	Speed(Hi/Mi/Lo)	r/min	1100/900/700
Indoor coil	a.Number of rows		2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37
	c.Fin spacing	mm	1.3
	d.Fin type (code)		Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7,innergroove tube
	f.Coil length x height x width	mm	820x336x26.74
	g.Number of circuits		4
Indoor air flow (Hi/Mi/Lo)		m3/h	846/680/505
Indoor sound pressure level (Hi/Mi/Lo/Si)		dB(A)	49/43/33/28
Indoor sound power level (Hi)		dB(A)	61
	Dimension(W*D*H)	mm	1130x240x340

Indoor unit	Packing (W*D*H)	mm	1205x420x330
	Net/Gross weight	Kg	13.7/17.3
Outdoor fan motor	Model		ZKFN-50-8-2
	Output	W	50
	Capacitor	uF	- -
	Speed	r/min	810/750/600
Outdoor coil	a.Number of rows		2
	b.Tube pitch(a)x row pitch(b)	mm	25.4x22
	c.Fin spacing	mm	1.4
	d.Fin type (code)		Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ9,innergroove tube
	f.Coil length x height x width	mm	730x660.4x44
	g.Number of circuits		4
Outdoor air flow		m3/h	2700
Outdoor sound pressure level		dB(A)	63
Outdoor sound power level		dB(A)	67
Outdoor unit	Dimension(W*D*H)	mm	845x363x702
	Packing (W*D*H)	mm	965x395x755
	Net/Gross weight	Kg	48.4/51.6
Refrigerant	Type		R410A
	GWP		2088
	Charged quantity	Kg	2
Design pressure		MPa	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	50
	Max. difference in level	m	25
Connection wiring			2.5(Optional)
Plug type			--
Thermostat type			Remote Control
Operation temperature	Indoor(cooling/ heating)	℃	17~32/0~30
	Outdoor(cooling/heating)	℃	-15~50/-20~30
Application area	minimum	m2	32
	maximum	m2	47