

Model			iQool12
Indoor			iQool12 IN
Outdoor			iQool12 EX
Power supply		Ph-V-Hz	220-240V~ 50Hz, 1Ph
Rated Cooling	Capacity	Btu/h	12000(2500-14000)
Cooling Power input		W	1131(100-1580)
Cooling Current		A	4.9(0.5-7.2)
Rated Heating	Capacity	Btu/h	13000(2500-16000)
Heating Power input		W	1187(180-1675)
Heating Current		A	5.2(0.8-7.7)
Seasonal Cooling	Pdesignc	kW	3.5
	SEER	W/W	7.0
	Energy Efficiency Class		A++
Heating(Average)	Pdesignh	kW	2.7
	SCOP	W/W	4.0
	Energy Efficiency Class		A+
	Tbiv	°C	-7
Operating Limit Temperature (Tol)		°C	-15
Moisture Removal		L/h	/
Max. input consumption		W	2075
Max. current		A	9.5
Starting current		A	----
Compressor	Model		ASN98D22UFZ
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	10014
	Input	W	748
	Rated current(RLA)	A	5.35
	Locked rotor Amp(LRA)	A	----
	Thermal protector		----
	Thermal protector position		INTERNAL
	Capacitor	uF	----
	Refrigerant oil/oil charge	ml	ESTER OIL VG74/370

Indoor fan motor	Model		WZDK20-38G
	Output	W	20
	Capacitor	uF	- -
	Speed(Hi/Mi/Lo)	r/min	1100/1000/700
Indoor coil	a.Number of rows		1/2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37
	c.Fin spacing	mm	1.2
	d.Fin type (code)		Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7,innergroove tube
	f.Coil length x height x width	mm	605*210+605*84
	g.Number of circuits		2
Indoor air flow (Hi/Mi/Lo)		m3/h	525/480/335
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	38.5/32/25.5
Indoor sound power level (Hi)		dB(A)	54
Indoor unit	Dimension(W*D*H)	mm	802x189x297
	Packing (W*D*H)	mm	875x285x375
	Net/Gross weight	Kg	8.1/9.9
Outdoor fan motor	Model		WZDK40-38G-W-1
	Output	W	40
	Capacitor	uF	- -
	Speed	r/min	810/710/520
Outdoor coil	a.Number of rows		1
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37
	c.Fin spacing	mm	1.2
	d.Fin type (code)		Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7,innergroove tube
	f.Coil length x height x width	mm	875x504x13.37
	g.Number of circuits		2
Outdoor air flow		m3/h	2000
Outdoor sound pressure level		dB(A)	54.5
Outdoor sound power level		dB(A)	62
Outdoor unit	Dimension(W*D*H)	mm	810x310x558
	Packing (W*D*H)	mm	930x400x615

	Net/Gross weight	Kg	30/33
Refrigerant	Type		R410A
	GWP		2088
	Charged quantity	Kg	0.95
Design pressure		MPa	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")
	Max. refrigerant pipe length	m	25
	Max. difference in level	m	10
Connection wiring			1.5 / 5m
Plug type			--
Thermostat type			Remote Control
Operation temperature	Indoor(cooling/ heating)	℃	17～32/0～30
	Outdoor(cooling/heating)	℃	-15～50/-15～30
Application area	minimum	m2	16
	maximum	m2	23