

Model			iQool18
Indoor			iQool18 IN
Outdoor			iQool18 EX
Power supply		Ph-V-Hz	220-240V~ 50Hz, 1Ph
Rated Cooling	Capacity	Btu/h	18000(3000-20500)
Cooling Power input		W	(130-2310)
Cooling Current		A	(0.6-10.6)
Rated Heating	Capacity	Btu/h	19000(3000-21500)
Heating Power input		W	(205-2250)
Heating Current		A	(0.9-10.3)
Seasonal Cooling	Pdesignc	kW	5.2
	SEER	W/W	7.2
	Energy Efficiency Class		A++
Heating(Average)	Pdesignh	kW	4.4
	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	2550
Max. current		A	11.5
Starting current		A	----
Compressor	Model		DA130M1C-31FZ
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	13443
	Input	W	1005
	Rated current(RLA)	A	3.95
	Locked rotor Amp(LRA)	A	----
	Thermal protector		----
	Thermal protector position		INTERNAL
	Capacitor	uF	----
Refrigerant oil/oil charge	ml	ESTER OIL VG74/480	

Indoor fan motor	Model		WZDK30-38G
	Output	W	30
	Capacitor	uF	--
	Speed(Hi/Mi/Lo)	r/min	1100/800/700
Indoor coil	a.Number of rows		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	750x336x26.74
	g.Number of circuits		4
Indoor air flow (Hi/Mi/Lo)		m3/h	705/515/450
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	42.5/34.5/26.5
Indoor sound power level (Hi)		dB(A)	60
Indoor unit	Dimension(W*D*H)	mm	965x215x319
	Packing (W*D*H)	mm	1045x305x405
	Net/Gross weight	Kg	10.4/13.1
Outdoor fan motor	Model		WZDK40-38G-W-1
	Output	W	40
	Capacitor	uF	--
	Speed	r/min	810/700/600
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	Φ9.52,innergroove tube
	f.Coil length x height x width	mm	865x508x44
	g.Number of circuits		4
Outdoor air flow		m3/h	2100
Outdoor sound pressure level		dB(A)	55.5
Outdoor sound power level		dB(A)	65
Outdoor unit	Dimension(W*D*H)	mm	810x310x558
	Packing (W*D*H)	mm	930x400x615

	Net/Gross weight	Kg	36/39
Refrigerant	Type		R410A
	GWP		2088
	Charged quantity	Kg	1.65
Design pressure		MPa	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")
	Max. refrigerant pipe length	m	30
	Max. difference in level	m	20
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	24
	maximum	m2	35