

IQ

CEILING & FLOOR



Remote Control



3D Air Flow



Auto Restart Function



Long-term Filter



Hydrophilic Aluminum Fin



Intelligent Defrosting



Fast Cooling/ Heating



Low Ambient Cooling



Wired Control



Central Control



Golden Fin



WIFI Control



INVERTER

INVERTER



IQ



Flexible Installation

Can be vertically installed against the wall or horizontally installed under the ceiling.



Model	Indoor		IQ-H18IUC-1	IQ-H24IUC-1	IQ-H30IUC-1	IQ-H36IUC-1	IQ-H42IUC-1	IQ-H48IUC-3	IQ-H60IUC-3
	Outdoor		IQ-H18IUC-1	IQ-H24IUC-1	IQ-H30IUC-1	IQ-H36IUC-1	IQ-H42IUC-1	IQ-H48IUC-3	IQ-H60IUC-3
Power Supply	V~,Hz,Ph		220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	380~415.50,3	380~415.50,3
Capacity	Cooling	Btu/h	18000(5220-19100)	24000(7400-28000)	30000(8500-31400)	36000(9900-40900)	41285(10900~45000)	48000(14000-54600)	55000(16400-59000)
		KW	5.00(1.53-5.60)	7.00(2.16-8.20)	8.30(2.49-9.20)	10.5 (2.9~12.0)	12.1(3.2~13.2)	14.00(4.10-16.00)	16.00(4.80-17.30)
	Heating	Btu/h	19100(4800-21200)	27300(6800-31800)	30800(9800-32800)	42650(8900~45000)	46062(10200~50150)	55000(15700-59700)	60000(16700-63100)
		KW	5.60(1.40-6.20)	8.00(1.98-9.30)	9.00(2.86-9.60)	12.5 (2.6~13.2)	13.5(3.0~14.7)	16.00(4.60-17.50)	17.00(4.90-18.50)
Electric Data	Rated Cooling Power Input	W	1.54(0.47-2.30)	2.05(0.67-3.56)	2.68(0.77-3.70)	3.37 (0.71~4.71)	4.28 (0.8~5.39)	4.95 (1.21-6.48)	5.80 (1.38-6.85)
	Rated Heating Power Input	W	1.55(0.46-2.25)	2.20(0.65-3.62)	2.62(0.78-3.70)	3.68 (0.47~4.13)	4.02 (0.58~4.90)	4.57 (0.92-5.66)	4.96 (0.98-6.00)
	Rated Cooling Current	A	6.76 (2.25-10.10)	9.02 (3.21-15.63)	11.76 (3.68-16.25)	14.93 (3.84~20.67)	18.97 (4.35~23.66)	7.76 (2.50-10.39)	9.10 (2.85-10.99)
	Rated Heating Current	A	6.81 (2.20-9.88)	9.65 (3.11-15.90)	11.52 (3.77-16.25)	16.31 (2.57~18.3)	17.83 (3.14~21.74)	7.17 (1.90-9.08)	7.78 (2.02-9.62)
Performance	EER/COP	WW	3.25/3.61	3.41/3.64	3.10/3.43	3.12/3.40	2.83/3.35	2.83/3.50	2.76/3.43
	SEER/SCOP	WW	6.1/4.0	6.1/4.0	6.1/4.0	6.1/4.0	5.6/4.0	5.6/4.0	5.6/4.0
Indoor Fan Fotor	Model		FP40A-ZL	FP90A-ZL	FP90A-ZL	FP110B-ZL	FP110B-ZL	FP110B-ZL	FP110B-ZL
	Brand		Panasonic	Panasonic	Panasonic	Panasonic	Panasonic	Panasonic	Panasonic
	Output Power x Fan quantity	W	40	90	90	150	150	110	110
	Capacitor	uF	/	/	/	/	/	/	/
	Speed (Hi/Mi/Lo)	r/min	1350/1100/1000	1350/1100/1000	1380/1100/1000	1350/1250/1100	1350/1250/1100	1450/1350/1100	1450/1350/1100
Indoor Coil	a.Number Of Row		3	3	3	3	3	3	3
	b.Tube Pitch(a)x Row Pitch(b)	mm	20.5×12.7	20.5×12.7	20.5×12.7	22×19.05	22×19.05	22×19.05	22×19.05
	c.Fin Spacing	mm	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	d.Fin Material		Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin
	e.Tube Outside Dia.and Materi	mm	φ7 , Inner grooved	φ7 , Inner grooved	φ7 , Inner grooved	φ7.94 , Inner grooved	φ7.94 , Inner grooved	φ7.94 , Inner grooved	φ7.94 , Inner grooved
	f.Coil Length x Height x Width	mm	599×246×38.1	950×246×38.1	950×246×38.1	1300×242×57.15	1300×242×57.15	1300×242×57.15	1300×242×57.15
	g.Heat Exchanging Area	m ²	6.30	10.00	10.00	20.55	20.55	20.55	20.55
Indoor Unit	Indoor Air Flow (Hi/Mi/Lo)	m ³ /h	900/730/650	1300/1052/920	1400/1200/1000	1800/1550/1350	1800/1550/1350	1900/1600/1400	1900/1600/1400
	Noise Level(Hi/Mi/Lo)	dB(A)	45/42/37	47/45/43	48/46/43	53/50/47	53/50/47	54/50/46	54/50/46
	Noise Power Level	dB(A)	55	57	58	63	63	64	64
	Net Dimension (W*H*D)	mm	930×660×205	1280×660×205	1280×660×205	1630×660×205	1630×660×205	1630×660×205	1630×660×205
	Packing Dimension (W*H*D)	mm	1010×720×290	1360×720×290	1360×720×290	1710×720×290	1710×720×290	1710×720×290	1710×720×290
	Net Weight	Kg	25	32	32	44	44	44	44
Refrigerant Pipe	Liquid Side	mm	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas Side	mm	12.7(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	19.05(3/4)	19.05(3/4)
	Drainage	mm	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)
	Max. Refrigerant Pipe Length	m	30	50	50	65	65	65	65
	Max. Difference In Level	m	20	25	25	30	30	30	30
Operation Temperature Range	°C	16~32	16~32	16~32	16~32	16~32	16~32	16~32	
Ambient Temperature Range(Cooling/Heating)	°C	-10~52/-15~24	-10~52/-15~24	-10~52/-15~24	-10~52/-15~24	-10~52/-15~24	-10~52/-15~24	-10~52/-15~24	-10~52/-15~24
Connection Wiring	Power Wiring(Indoor)	mm ²	1	1	1	1	1	1	1
	Power Wiring(Outdoor)	mm ²	2.5	2.5	2.5	2.5	2.5	1.5	1.5
	Signal Wiring	mm ²	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Wireless Remote Controller		YKR-L/300E	YKR-L/300E	YKR-L/300E	YKR-L/300E	YKR-L/300E	YKR-L/300E	YKR-L/300E	
Application Area	m ²	21-35	28-47	32-60	56-93	64-107	56-93	64-107	
Qty per 20' & 40' & 40HQ(Only For Reference)	Set	60/134/149	43/92/104	43/92/104	22/55/55	22/55/55	22/55/55	22/55/55	

High Efficiency

Equipped with high efficiency DC Inverter compressor, adjustable fan motor and advanced 180° sine wave vector driver, the system can be higher than 4.0 in SCOP so as to meet the European and Australian new energy efficiency standards.

