

# IQ

## FOUR-WAY CASSETTE



# INVERTER

### FEATURES

■ optional ■ standard



Remote Control



Built-in Drain Pump



Auto Restart Function



Digital Tube Display



Hydrophilic Aluminum Fin



Washable Filter



Fast Cooling/Heating



Fresh Air Intake



Low Ambient Cooling



Fire-proof Electric Box



Wired Control



Central Control



Golden Fin



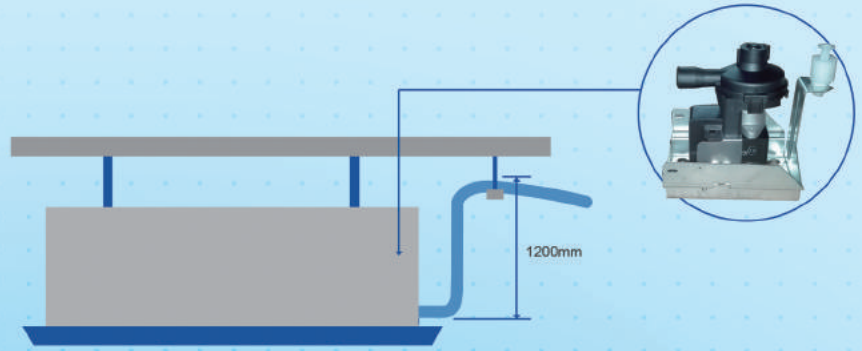
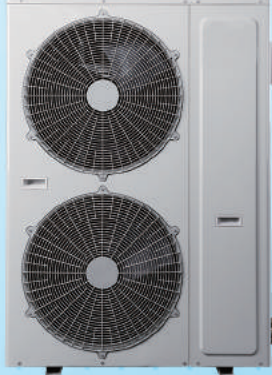
WiFi Control

# IQ

# LIGHT COMMERCIAL

## Built-In Water Drainage Pump

The built-in pump can lift condensing water up to 1200mm high from the drainage pan.



Model	Indoor	IQ-H18ICA-1	IQ-H24ICA-1	IQ-H30ICA-1	IQ-H36ICA-1	IQ-H42ICA-1	IQ-H48ICA-3	IQ-H60ICA-3	
Panel	MB13-I	MB12	MB12	MB12	MB12	MB12	MB12	MB12	
	Outdoor	IQ-H18ICA-1	IQ-H24ICA-1	IQ-H30ICA-1	IQ-H36ICA-1	IQ-H42ICA-1	IQ-H48ICA-3	IQ-H60ICA-3	
Power Supply		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	18000(5220-19100) 5.00(1.53-5.60)	24000(7400-28000) 7.00(2.16-8.20)	30000(8500-31400) 8.30(2.49-9.20)	36000 (9900-41000) 10.5 (2.9-12.0)	42000 (10900-45000) 12.1 (3.2-13.2)	48000(14000-54600) 14.00(4.10-16.00)	55000(15700-59700) 16.00(4.80-17.30)	60000(16700-63100) 17.00(4.90-18.50)
	Heating	19100(4800-21200) 5.80(1.40-6.20)	27300(6800-31800) 8.00(1.98-9.30)	30800(9800-32800) 9.00(2.86-9.60)	42650 (8900-41000) 12.5 (2.6-13.2)	46000(10200-50150) 13.5 (3.0-14.7)	55000(15700-59700) 16.00(4.80-17.50)	60000(16700-63100) 17.00(4.90-18.50)	
Electric Data	Rated Cooling Power Input	1.62(0.47-2.30)	2.18(0.67-3.56)	2.68(0.77-3.70)	3.28 (0.71-4.71)	4.28 (0.8-5.39)	4.95 (1.21-6.48)	5.71 (1.38-6.85)	
	Rated Heating Power Input	1.47(0.46-2.25)	1.91(0.65-3.62)	2.62(0.78-3.70)	3.64 (0.47-4.13)	4.10 (0.58-5.66)	4.57 (0.92-5.66)	4.96 (0.98-6.00)	
	Rated Cooling Current	7.11 (2.25-10.10)	9.57 (3.21-15.63)	11.76 (3.68-16.25)	14.56 (3.84-20.67)	18.97 (4.35-23.66)	7.76 (2.50-10.39)	8.97 (2.85-10.99)	
	Rated Heating Current	6.46 (2.20-9.88)	8.38 (3.11-15.90)	11.52 (3.77-16.25)	16.17 (2.57-18.3)	18.19 (3.14-21.74)	7.17 (1.90-9.08)	7.78 (2.02-9.62)	
Performance	EER/COP	3.25/3.61	3.41/3.64	3.10/3.43	3.23/4.3	2.83/3.29	2.83/3.50	2.83/4.3	
	SEER/SCOP	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 Motor	Model	XD30C-ZL	XD50B-ZL	XD50B-ZL	XD100A-ZL	XD100A-ZL	XD100A-ZL	XD100A-ZL	
	Brand	Panasonic	Panasonic	Panasonic	Panasonic	Panasonic	Panasonic	Panasonic	
	Output Power x Fan quantity	30	50	50	100	100	100	100	
	Capacitor	/	/	/	/	/	/	/	
Indoor Coil	Speed (Hi/Mi/Lo)	700/650/600	530/470/420	550/500/420	700/600/550	700/600/550	820/750/680	820/750/630	
	a.Number Of Row	2	2	2	2	2	2	2	
	b.Tube Pitch(a)xRow Pitch(b)	20.5x12.7	20.5x12.7	20.5x12.7	20.5x12.7	20.5x12.7	20.5x12.7	20.5x12.7	
	c.Fin Pitch	1.5	1.6	1.6	1.4	1.4	1.4	1.4	
Indoor Unit	d.Fin Material	Hydrophillic aluminum fin	Hydrophillic aluminum fin	Hydrophillic aluminum fin	Hydrophillic aluminum fin	Hydrophillic aluminum fin	Hydrophillic aluminum fin	Hydrophillic aluminum fin	
	e.Tube Outside Dia.and Material	φ7 , Inner grooved	φ7 , Inner grooved	φ7 , Inner grooved	φ7 , Inner grooved	φ7 , Inner grooved	φ7 , Inner grooved	φ7 , Inner grooved	
	f.Coil Length x Height x Width	1340x164x25.4	2014x205x25.4	2014x205x25.4	2014x246x25.4	2014x246x25.4	2014x246x25.4	2014x246x25.4	
	g.Heat Exchanging Area	6.6	12.70	12.70	14.66	14.66	14.66	14.66	
Indoor Unit	Indoor Air Flow (Hi/Mi/Lo)	700/600/530	1300/1050/950	1400/1150/1000	1800/1550/1350	1800/1550/1350	1950/1750/1500	1950/1750/1500	
	Noise Level(Hi/Mi/Lo)	52	47/43/38	48/44/39	51/48/45	51/48/45	53/48/42	53/48/42	
	Noise Power Level	56	57	58	62	62	63	63	
	Net Dimension (W*H*D)	570x570x260	835x835x250	835x835x250	835x835x290	835x835x290	835x835x290	835x835x290	
Panel	Packing Dimension (W*H*D)	650x650x290	910x910x310	910x910x310	910x910x350	910x910x350	910x910x350	910x910x350	
	Net Weight	17	24	24	26.5	26.5	26.5	26.5	
	Gross Weight	20	27.5	27.5	30.5	30.5	30.5	30.5	
	Net Dimension (W*H*D)	650x650x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	
Refrigerant Pipe	Packing Dimension (W*H*D)	710x710x80	1000x1000x100	1000x1000x100	1000x1000x100	1000x1000x100	1000x1000x100	1000x1000x100	
	Net weight	3	5	5	5	5	5	5	
	Gross weight	5	7	7	7	7	7	7	
	Liquid Side	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)	
Operation Temperature Range	Gas Side	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	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	30	50	50	65	65	65	65	
	Max. Difference In Level	20	25	25	30	30	30	30	
Ambient Temperature Range(Cooling/Heating)	16-32	16-32	16-32	16-32	16-32	16-32	16-32	16-32	
Connection Wiring	Power Wiring( Indoor)	1	1	1	1	1	1	1	
	Power Wiring( Outdoor)	2.5	2.5	2.5	2.5	2.5	1.5	1.5	
	Signal Wiring	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Wireless Remote Controller		YKR-L300E	YKR-L300E	YKR-L300E	YKR-L300E	YKR-L300E	YKR-L300E	YKR-L300E	
Application Area		21-35	28-47	32-60	56-93	64-107	56-93	64-107	
Qty per 20' & 40' & 80HQ(Only For Reference)		66/137/161	42/82/92	42/82/92	22/50/55	22/50/55	22/50/55	22/50/55	

## 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.

