IQ®





ON/OFF
Light
commercial

T





8 ways Cassette

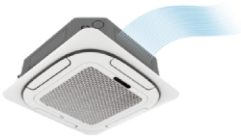
01 Standard Build-in Drain Pump Max. Height 750mm



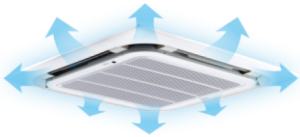
02 LED Digital Display



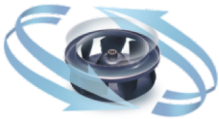
03 Reserved Fresh air Connection port



04 360° Round Airflow



05 3D propeller Ultra-low Noise



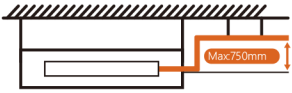
Indoor Unit Model			IQ-H12CA-1/T-I	IQ-H18CA-1/T-I	IQ-H24CA-1/T-I	IQ-H36CA-1/T-I	IQ-H36CA-3/T-I	IQ-H48CA-3/T-I	IQ-H60CA-3/T-I
Power supply		V//Hz/Ph	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P
Cooling	Capacity	Btu/h	12000	18000	24000	37200	36000	48000	55000
	Capacity	W	3516	5200	7000	10840	10500	14000	16119
	Input	W	1132	1732	2050	3870	3723	4636	5694
	Rated current	A	7.87	7.87	8.7	17	7.8	9.3	11
Heating	Capacity	Btu/h	12000	18000	24000	40000	40000	50000	60500
	Capacity	W	3516	5200	7000	12000	12000	14650	17731
	Input	W	1081	1671	1850	3650	3409	5079	5700
	Rated current	A	8.6	8.6	8	16.5	7.2	9.5	11.3
Air Flow (Hi/Me/Lo)		m^3/h	1100/950/880	1100/950/880	1250/1100/950	1600/1500/1400	1600/1500/1400	1700/1500/1400	1900/1700/1500
Noise Level (Hi/Me/Lo)		dB(A)	42/39/35	42/39/35	43/41/37	45/43/41	45/43/41	45/43/41	47/44/43
Dimension	Unit (WxHxD)	mm	830x230x830	830x230x830	830x230x830	840x245x840	840x245x840	830x290x830	830x290x830
	Packing (WxHxD)	mm	925x290x925	925x290x925	925x290x925	935x305x935	935x305x935	925x360x925	925x360x925
Panel	Unit (WxHxD)	mm	950x45x950	950x45x950	950x45x950	950x45x950	950x45x950	950x45x950	950x45x950
	Packing (WxHxD)	mm	1035×80×1035	1035×80×1035	1035×80×1035	1035×80×1035	1035×80×1035	1035×80×1035	1035×80×1035
	Net/Gross Weight	kg	6/9	6/9	6/9	6/9	6/9	6/9	6/9
Refrigerant Pipe	Liquid	Inches	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
		mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas	Inches	1/2"	1/2"	5/8"	5/8"	5/8"	3/4"	3/4"
		mm	Φ12.7	Φ12.7	Φ15.88	Φ15.88	Φ15.88	Φ19.05	Φ19.05
Drainage water pipe diameter		mm	OD32	OD32	OD32	OD32	OD32	OD32	OD32
Ambient Temp.	Cooling	℃	18~48	21~43	21~43	21~43	21~43	21~43	21~43
	Heating	℃	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24
Weight	Net	kg	22	22	22	26	26	28	28
	Gross	kg	27	27	27	30	30	33	33



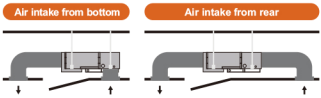
Duct



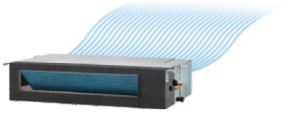
01 Optional Build-in Drain Pump Max. Heigh 750mm



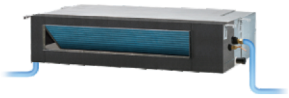
02 Air intake Flexible Installation



03 Reserved Fresh air Connection port



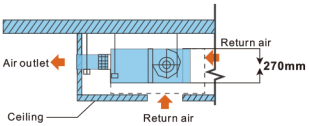
04 Alternative Drainage position



05 3D propeller Ultra-low Noise



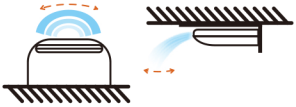
06 Elegance Slim design 270mm



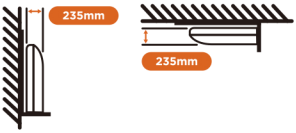
Indoor Unit Model			IQ-H12HD-1/T-I	IQ-H18HD-1/T-I	IQ-H24HD-1/T-I	IQ-H36HD-1/T-I	IQ-H36HD-3/T-I	IQ-H48HD-3/T-I	IQ-H60HD-3/T-I
Power supply		V/Hz/Ph	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P
Cooling	Capacity	Btu/h	12000	18000	24000	37200	36000	48000	55000
	Capacity	W	3517	5200	7000	10840	10550	14000	16119
	Input	W	1260	1761	2050	3870	3584	4560	5694
	Rated current	A	5.7	8	8.7	17	7.8	9.3	12
Heating	Capacity	Btu/h	13200	18000	24000	40000	40000	50000	60500
	Capacity	W	3869	5200	7000	12000	12000	14650	17731
	Input	W	1300	1513	1850	3650	3468	4446	4845
	Rated current	A	5.9	6.87	8	16.5	7.2	9.5	12.4
Air Flow (Hi/Me/Lo)		m^3/h	630/550/420	1170/770/650	1400/950/800	1800/1500/1350	1800/1500/1350	2100/1750/1550	2200/1800/1600
External Static Pressure (Hi)		Pa	12	70	70	80	80	100	100
Noise Level (Hi/Me/Lo)		dB(A)	39/33/30	43/35/32	46/43/41	46/44/42	46/44/42	47/44/42	47/45/43
Dimension (with Filter)	Unit (WxHxD)	mm	700×450×200	920x210x605	920x270x605	1140x270x745	1140x270x745	1200x300x835	1200x300x835
	Packing (WxHxD)	mm	901×567×271	1115x280x690	1115×340×690	1345x345x830	1345x345x830	1405x375x925	1405x375x925
Refrigerant Pipe	Liquid	Inches	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
		mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas	Inches	1/2"	1/2"	5/8"	5/8"	5/8"	3/4"	3/4"
		mm	Φ12.7	Φ12.7	Φ15.88	Φ15.88	Φ15.88	Φ19.05	Φ19.05
Drainage water pipe diameter		mm	OD25	OD25	OD25	OD25	OD25	OD25	OD25
Ambient Temp.	Cooling	℃	18~48	21~43	21~43	21~43	21~43	21~43	21~43
	Heating	℃	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24
Weight	Net	kg	15	22	28	35	35	43	43
	Gross	kg	19	27	32	42	42	50	50



01 Air Flow Wide range



02 Flexible Installation



03 LED Digital Display



04 Alternative Drainage position



05 Elegance Slim design 235mm



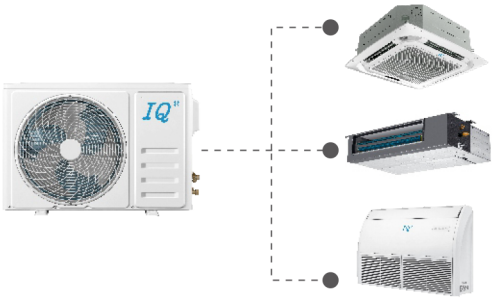
Indoor Unit Model			IQ-H18UC-1/T-I	IQ-H24UC-1/T-I	IQ-H36UC-1/T-I	IQ-H36UC-3/T-I	IQ-H48UC-3/T-I	IQ-H60UC-3/T-I
Power supply		V//Hz/Ph	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P
Cooling	Capacity	Btu/h	18000	24000	37200	36000	48000	55000
	Capacity	W	5200	7000	10840	10550	14000	16119
	Input	W	1712	2050	3870	3578	4551	5594
	Rated current	A	7.78	8.7	17	7.8	9.3	12
Heating	Capacity	Btu/h	18000	24000	40000	40000	50000	60500
	Capacity	W	5200	7000	12000	12000	14650	17731
	Input	W	1782	1850	3650	3468	4058	5147
	Rated current	A	8.5	8	16.5	7.2	9.5	12.4
Air Flow (Hi/Me/Lo)		m^3/h	900/800/700	1200/1050/900	1700/1300/1100	1700/1300/1100	2177/1689/1434	2177/1689/1434
Noise Level (Hi/Me/Lo)		dB(A)	43/41/38	45/43/40	45/43/40	45/43/40	52/49/46	52/49/46
Dimension	Unit (WxHxD)	mm	1055×675×235	1055×675×235	1275×675×235	1275×675×235	1635x675x235	1635x675x235
	Packing (WxHxD)	mm	1130x748x305	1130x748x305	1350x748x305	1350x748x305	1710x748x305	1710x748x305
Refrigerant Pipe	Liquid	Inches	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
		mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas	Inches	1/2"	5/8"	5/8"	5/8"	3/4"	3/4"
		mm	Φ12.7	Φ15.88	Φ15.88	Φ15.88	Φ19.05	Φ19.05
Drainage water pipe diameter		mm	OD25	OD25	OD25	OD25	OD25	OD25
Ambient Temp.	Cooling	°C	21~43	21~43	21~43	21~43	21~43	21~43
	Heating	°C	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24
Weight	Net	kg	23	23	29	29	40	38
	Gross	kg	29	29	35	35	46	44

Universal Outdoor Unit



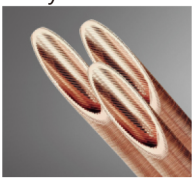
01 Universal Outdoor Design

Universal design. The outdoor unit can match with the indoor unit of Cassette, Duct and Ceiling & Floor.



02 Inner Groove Tube

Copper tube with internal threads will increase the heat transfer area and improve the heat transfer efficiency.



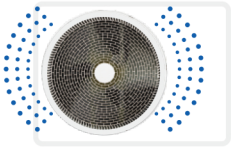
03 Reliable Compressor

Select high quality and reliable compressor to ensure the stable operation of the outdoor unit.



04 Optimized Air-outlet Grill

The grill is optimized to increase the air volume and the efficiency of heat exchange.



05 High Efficient Outdoor Bionic Fan

Advanced 3D propeller design can enlarge the air volume and reduce the noise.



R410A

ON/OFF 50Hz
COOLING & HEATING

Universal Outdoor Unit

Outdoor Unit Model			IQ-H12-1/T-O	IQ-H18-1/T-O	IQ-H24-1/T-O	IQ-H36-1/T-O	IQ-H36-3/T-O	IQ-H48-3/T-O	IQ-H60-3/T-O
Power Supply		V/Hz/Ph	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	220-240V~ 50Hz/1P	380-415V~ 50Hz/3P	380-415V~ 50Hz/3P	380-415V~ 50Hz/3P
Max. Power Consumption		W	2200	2200	2800	5500	6100	6600	9200
Max. Current		A	11.5	11.5	15	25	11.5	12.8	16
Compressor		/	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Air Circulation		m^3/h	2400	2400	4000	4900	4900	6300	6300
Noise Level		dB(A)	54	56	54	58	58	60	60
Dimension	Unit (WxHxD)	mm	760x550x250	760x550x250	845×700×330	910×805×360	910×805×360	940x1250x340	940x1250x340
	Packing (WxHxD)	mm	863×590×361	863×590×361	960×735×430	1030×860×475	1030×860×475	1030x1365x430	1030x1365x430
Refrigerant Type		/	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant Charge		kg	1.05	1.05	1.9	1.9	1.9	2.9	3
Refrigerant Pipe	Liquid	Inches	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
		mm	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas	Inches	1/2"	1/2"	5/8"	5/8"	5/8"	3/4"	3/4"
		mm	Φ12.7	Φ12.7	Φ15.88	Φ15.88	Φ15.88	Φ19.05	Φ19.05
Max. Refrigerant Pipe Length		M	25	25	30	30	30	50	50
Max. Difference in Level		M	15	15	15	20	20	30	30
Ambient Temp.	Cooling	°C	21~43	21~43	21~43	21~43	21~43	21~43	21~43
	Heating	°C	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24	-7 ~ 24
Weight	Net	kg	34	34	47	59	60	81	91
	Gross	kg	37	37	50	63	64	90	102

