

DC Inverter



- CQ09
- CQ12
- CQ18



Specifications

Indoor Unit

		CQ09 NAO		CQ12 NAO		CQ18 NAO	
Nominal Capacity (Min-Rating-Max)	Cooling	Btu/h	4,439-8,707-11,609	4,644-11,950-12,770	6,829-15,706-18,779		
		kw	1.3-2.55-3.4	1.36-3.5-3.74	2.0-4.6-5.5		
Heating	Btu/h	4,644-10,585-14,341	5,463-13,658-15,023	7,512-17,072-20,487			
	kw	1.36-3.1-4.2	1.6-4.0-4.4	2.2-5.0-6.0			
Nomonal Input(Rated)	Cooling	kw	0.635	1.06	1.49		
	Heating	kw	0.74	1.08	1.46		
Running Current	Cooling/Heating	A	0.2	0.2	0.2		
Power Supply		ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50		
EER	Cooling	kw/kw	4.02	3.3	3.09		
COP	Heating	kw/kw	4.19	3.7	3.43		
Operational Temperature Range	Cooling	°C	-10-43	-10-43	-10-43		
	Heating	°C	-15-24	-15-24	-15-24		
Air Flow Rate(H/M/L)		CMM	8.1/6.5/5.2	8.1/6.5/5.2	10.1/8.6/7.2		
		CFM	286/230/184	286/230/184	357/304/254		
Sound Level(H/M/L/L)	Sound Pressure	dB(A)±3	38/32/27/22	39/32/27/23	44/39/35/32		
Dimensions(W*H*D)	Body	mm(inch)	700×600×210	700×600×210	700×600×210		
	Decorative Panel	mm(inch)	696×786×286	696×786×286	696×786×286		
Weight	Body	kg	13.8	13.8	13.8		
	Gross Weight	kg	16	16	16		
Piping connection	Liquid	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)		
	Gas	mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)		

Outdoor Unit

		UU09W ULD		UU12W ULD		UU18W UED	
Compressor	Type		Rotary	Rotary		e-Scroll	
Refrigerant Charge	Charge*	g(oz)	1000 (35.27)	1000 (35.27)	1300(45.86)		
	Type		R410A	R410A	R410A		
Fan	Discharge	Side/Top	Side Discharge	Side Discharge	Side Discharge		
Noise Level(H/L)	Sound Press,1m	dB(A)±3	48/42	48/42	51/45		
Dimensions	W*H*D	mm (inch)	770×540×245 (30.3×21.3×9.9)	770×540×245 (30.3×21.3×9.9)	870×655×320 (34.3×25.8×12.6)		
Net Weight	Outdoor	kg(lbs)	32(71)	32(71)	46(101)		
Piping connections	Liquid	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)		
	Gas	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)		
Power Supply Cable(Includes earth)	No.*mm ²		3×1.5	3×1.5	3×2.5		
Interunit Cable(Includes earth)	No.*mm ²		4×0.75	4×0.75	4×0.75		
Max. Piping Length/Elevation	m		15/10	15/10	40/30		
Power Supply	Ø,V,Hz		1,220-240,50	1,220-240,50	1,220-240,50		
Running Current	Cooling/Heating	A	4.0/4.1	5.0/5.1	7.0/7.1		
Air Circulation	CMM		26	26	50		
Additional Refrigerant Charge (Over 7.5m)	q/m		20	20	25		

Note : Due to our policy of innovation some specifications may be changed without notification.