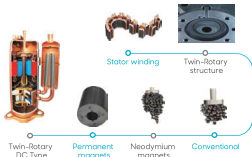


• DC Inverter Mono LCAC Universal Outdoor Unit



Features

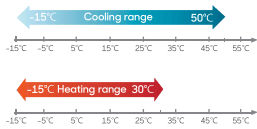
High efficiency rotary DC inverter compressor, system can operate in the best performance due to adjustable frequency.



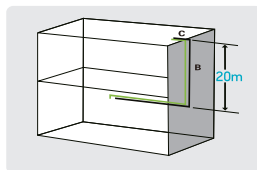
Brand-new outdoor unit design, external stop valve for easy installation and maintenance, there is also plastic cover to protect it from Environmental erosion and accidental damage.



Wide outdoor operation range, realize running normally in the critical conditional.



Long piping design, for ≥10.5kw, the MAX pipe length is 50m, and height difference is 20m.



Specification

R410a Heat Pump

Outdoor unit		COU-V18R1-A01	COU-V24R1-A01	COU-V36R1-D01	COU-V48R1-D01	COU-V48R1-D01	COU-V48R2S1-D01	COU-V48R2S1-D01	COU-V60R1
Power supply		V/N/Hz	V/N/Hz	V/N/Hz	V/N/Hz	V/N/Hz	V/N/Hz	V/N/Hz	V/N/Hz
Cooling capacity	Btu/h	18000	24000	36000	36000	48000	48000	48000	60000
	kW	5.3	7.0	10.5	10.5	14.0	14.0	14.0	17.6
Heating capacity	Btu/h	18000	24000	36000	36000	48000	48000	48000	60000
	kW	5.3	7.0	10.5	10.5	14.0	14.0	14.0	17.6
Physical data									
Compressor		DC/Retary	DC/Retary	DC/Twin-rotary	DC/Twin-rotary	DC/Twin-rotary	DC/Twin-rotary	DC/Twin-rotary	DC/Twin-rotary
Outdoor noise level	dB(A)	≤51	≤53	≤57	≤57	≤58	≤58	≤58	≤58
Outdoor unit	Net(WxHxD)	804*304*496	880*345*555	1032*445*807	1032*445*807	1032*445*807	1032*445*807	1032*445*807	1074*400*1330
	Packing(WxHxD)	850*350*550	915*380*605	1075*495*875	1075*495*875	1075*495*875	1075*495*875	1075*495*875	1064*402*1445
Refrigerant type/quantity	Net/Gross weight	30.6/27	36.7/34.2	64.5/60.5	64.5/60.5	70.5/66.5	70.6/67.3	70.6/67.3	106.5/98.5
	Liquid/Gas side	R410A/1200	R410A/1600	R410A/2300	R410A/2300	R410A/3250	R410A/3250	R410A/3250	R410A/3600
Refrigerant piping	Max pipe length	15	20	50	50	50	50	50	50
	Max high drop	8	10	20	20	20	20	20	20
Ambient temp.	Cooling	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating	-15~30	-15~30	-15~30	-15~30	-15~30	-15~30	-15~30	-15~30

Note

- The cooling condition T1 condition: indoor side 27°C(80.6°F) DB, 19°C(66°F) WB, outdoor side 35°C(95°F) DB.
- The heating condition: indoor side 20°C(68°F) DB, 15°C(44.6°F) WB, outdoor side 7°C(44.6°F) DB.
- Sound level: measured at a point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- The above data may be changed without notice for future improvement on quality and performance.

Round flow cassette

Controller



Features

New Panel

Simple, fealty and voguish appearance suit for different requirements, it's mostly used for office, shopping center, restaurant, meeting room and etc.



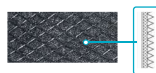
Add four interfaces in body, can be connected with duct to another room.



Ultra-thin body design, the min. Height is only 230mm save installation space.



Cold catalyst filter for optional to absorb small particles to abjust Atmospheric Particulate Matter lower than PM2.5.



Built-in water pump, pump head up to 1200mm.



Easy and convenient installation and maintenance, washable filter design.



Specification

R410a Heat Pump

Indoor unit		CCR-V18HR1-G303	CCR-V24HR1-G303	CCR-V36HR1-G305	CCR-V48HR1-G305	CCR-V60HR1-G305	
Power supply		220-240V/1/50	220-240V/1/50	220-240V/1/50	220-240V/1/50	220-240V/1/50	
Cooling Capacity	kW	5.3	7	10.5	14	16	
	Btu/h	18000	24000	36000	48000	60000	
Heating Capacity	kW	5.3	7	10.5	14	16	
	Btu/h	18000	24000	36000	48000	60000	
Physical data							
Indoor air flow	m ³ /h	1250	1250	1600	1900	1900	
Indoor noise level	dB(A)	45B	43B	43B	45B	45B	
	Net(WxHxD)	Body(mm)	840x230x840	840x230x840	840x285x840	840x285x840	840x285x840
Indoor unit	Packing(WxHxD)	Panel(mm)	950x50x950	950x50x950	950x50x950	950x50x950	950x50x950
		Body(mm)	920x265x920	920x265x920	920x310x920	920x310x920	920x310x920
	Net/Gross weight	Panel(kg)	25/30	25/30	29/33.5	30.5/36	30.5/36
		Body(kg)	6.5/9.5	6.5/9.5	6.5/9.5	6.5/9.5	6.5/9.5
Refrigerant liquid/gas piping	mm	Φ6.35/Φ12.7	Φ9.52/Φ15.88	Φ9.52/Φ15.88	Φ9.52/Φ15.88	Φ9.52/Φ15.88	
Drainage pipe	mm	DN25	DN25	DN25	DN25	DN25	

Note

- The cooling condition: 1. condition: indoor side: 27°C (80.6°F) DB, 19°C (66°F) WB, outdoor side: 35°C (95°F) DB
- The heating condition: indoor side: 20°C (68°F) DB, 15°C (59°F) WB, outdoor side: 7°C (44.6°F) DB
- Sound level: measured at a point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- The above data may be changed without notice for future improvement on quality and performance.