

CCRT3

ROOFTOP UNITS

3 and 5 Tons



FEATURES:

- High reliability and High efficiency
- R410
- Easy installation and service
- Anti-corrosion cabinet
- 1,000-hour salt spray tested



12201 N. W. 107th Avenue,
Medley, FL 33178

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www.comfortstarusa.com
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3 and 5 Tons



Model			CCRT36-1	CCRT48-1	CCRT60-1	CCRT60-3
Power supply	V/h/Hz		208~230/1Ph/60Hz	208~230/1/60	208~230/1/60	208~230/3/60
Cooling	Capacity	Btu/h	36000	48000	60000	60000
	SEER	Btu/h.W	10	10	10	10
Electrical data	Max. input consumption	KW	4.5	7.5	8.8	7.8
	Max. power input	A	24.8	41.5	48.4	25.5
Compressor	Rated current(RLA)	A	14	21.5	23	16.3
	Locked rotor Amp(LRA)	A	70	125	120	155
	Thermal protector		"239°F~257°F(115°C-125°C)"	"239°F~257°F(115°C-125°C)"	"239°F~257°F(115°C-125°C)"	275°F(135°C)
Indoor fan motor	Refrigerant oil	ml	800	1300	1300	1591
	Output	HP	1/3	1/2	4/5	4/5
	Rated current	A	1.41	2.08	2.33	2.33
	Capacitor	uF	10	20	20	20
Indoor fan	RPM	r/min	400	890	990	990
	Material		Metal	Metal	Metal	Metal
	Type		Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan
	Diameter	Inch(mm)	11.1(282)	11.1(282)	11.1(282)	11.1(282)
	Height	Inch(mm)	10.7(272)	10.7(272)	10.7(272)	10.7(272)
ESP			50	50	50	50
Indoor fan air flow	CFM		1380	1400	1450	1450
Outdoor fan motor	Output	HP	1/3	1/3	1/3	1/3
	Rated current	A	2	2	2	2
	Capacitor	uF	12	12	12	12
	RPM	r/min	1075	1075	1075	1075
Outdoor fan	material		Alnico	Alnico	Alnico	Alnico
	Type		Axial flow fan	Axial flow fan	Axial flow fan	Axial flow fan
	Diameter	Inch(mm)	22.7(550)	22.7(550)	22.7(550)	22.7(550)
	Height	Inch(mm)	4(102.5)	4(102.5)	4(102.5)	4(102.5)
Dimension	Net (W×H×D)	mm	1116×830×744	1116×830×744	1116×830×744	1116×830×744
	Packing(W×H×D)	mm	1152×855×765	1152×855×765	1152×855×765	1152×855×765
Weight	Net/Gross weight	Kg	132/135	141/144	151/154	151/154
Charged refrigerant			R410A/1600g	R410A/2200g	R410A/2750g	R410A/2550g
Optional Controller			KJR-23B	KJR-23B	KJR-23B	KJR-23B
Operation temp.		°C	17~30	17~30	17~30	17~30
		°F	62.6~86	62.6~86	62.6~86	62.6~86
Ambient temp.	Cooling	°C	18~46	18~46	18~46	18~46
		°F	64.4~114.8	64.4~114.8	64.4~114.8	64.4~114.8
Filter	Type		Nylon	Nylon	Nylon	Nylon
	Quantity	Pieces	1	1	1	1
	Size (W×H×D)	mm	197×670×10	197×670×10	197×670×10	197×670×10
Shipping	Qty Per 20'/40'/40' HQ	Pieces	30/62/91	30/62/91	30/62/91	30/62/91

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7.5 and 10 Tons



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7.5 and 10 Tons

			CCRT90-3	CCRT120-3
Nominal ton		(Ton)	7.5	10
Power supply		\	220V, 3Ph, 60Hz	220V, 3Ph, 60Hz
Cooling 1	Cooling capacity	Btu/h	89,000	120,000
		kW	26.1	35.2
	Power input	kW	7.8	10.7
Cooling 2	Cooling capacity	Btu/h	69.6	100.2
		kW	20.4	29.37
	Power input	kW	8.6	12.5
Max. input consumption		kW	11.3	17.5
Max. current		A	42.4	57.4
Performance	Indoor air flow	CFM	2,700	4,120
	ESP	Pa	Default: 80, 0~250	Default: 90, 0~275
	EER 1	Btu/h.W	11.4	11.2
	EER 2	Btu/h.W	8.1	8
Indoor fan	Type / Quantity	\	Centrifugal / 1	Centrifugal / 1
	Drive type	\	Direct	Belt
	Motor quantity	\	1	1
	Motor model	\	YDK750-6E	YE2-100L1-4-2.2KW
	Motor capacitor	\	25µF/450V	\
	Motor speed	RPM	1,080/1,010/930	1,700
Compressor	Type / Quantity	\	Scroll / 1	Scroll / 1
	Model	\	ZP91KCE-TF5-522	ZP122KCE-TF5-522
	Brand	\	Copeland	Copeland
	Capacity	W	26,600	36,400
	Input	W	8,230	11,000
	RLA	A	30.7	37.9
	LRA	A	191	240
	Refrigerant oil	ml	1,774	2,513
Nominal ton		(Ton)	7.5	10
Outdoor fan	Type / Quantity	\	Axial / 1	Axial / 1
	Drive type	\	Direct	Direct
	Motor model	\	YS1100-6C	YS1100-6C
	Fan speed	RPM	1,100	1,100
Refrigerant	Type / Volume	\	R410A / 3.8kg	R410A / 4.1kg
	Control	\	Throttle valve	Throttle valve
Sound pressure level		dB(A)	75.6	75.7
Wired controller		\	KJR-25B	KJR-12B/dP(T)-E
Centralized controller (Optional)		\	No	Yes
Ambient temperature (Cooling)		°C	10~52	10~52
System stage		\	1	1
Dimensions	Net (W×H×D)	mm	1,475×840×1,130	1,483×1,231×1,138
	Packing (W×H×D)	mm	1,495×870×1,150	1,500×1,255×1,155
Weight	Net	kg	235	325
	Gross	kg	240	335

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