

Nominal ton		(Ton)	6.2	7.5	8.5	10
Model		1	SRM-062C-R	SRM-075C-R	SRM-085C-R	SRM-100C-R
Cooling	0 - 1 - 0 - 0 - 1 - (1)	Btu/h	73400	94000	107000	127000
	Cooling Capacity (1)	W	21500	27500	31400	37200
	0 11 0 11 (0)	Btu/h	65000	80100	94600	107000
	Cooling Capacity (2)	W	19000	23500	27800	31400
	Power Input(1)	w	7400	9700	10200	12300
	Power Input(2)	W	8900	11000	12600	14500
	Current	A	13.5	18	20	22.5
Electrical data(3)	Power supply	V-PH-Hz	380~415-3-50	380~415-3-50	380~415-3-50	380~415-3-50
	Rated power Input	W	10000	14000	14800	17600
	Air Circulation (High speed)	CFM	2480	3000	3400	4000
Performance	Indoor external static pressure	+	60	60	70	75
	SEER (1)	Pa Btu/h W	9.9	9.7	10.5	10.3
	. ,					
	SEER (2)	Btu/h W	7.3	7.3	7.5	7.4
Indoor Coil	Number of rows	I	2	2	3	3
	Fin spacing	mm	1.5	1.5	1.7	1.7
		inch	1/17	1/17	1/15	1/15
	Tube diameter	mm	Ф9.5	Ф9.5	Ф9.5	Ф9.5
		inch	3/8	3/8	3/8	3/8
Indoor fan	Туре		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	No. used		1	1	1	1
	Diameter(Width)	mm	Ф282(257)	Ф282(257)	Ф305(305)	Ф305(305)
	Diameter(Width)	inch	11(10)	11(10)	12(12)	12(12)
	Drive type	•	Belt	Belt	Belt	Belt
	No. motors		1	1	1	1
	Motor model		YFD90L-4	YFD90L-4	YFD90L-4	YFD90L-4
	Motor output	W	1500	1500	1500	1500
	Motor rpm	r/min	1020	1020	1020	1020
	Туре	.,	Scroll	Scroll	Scroll	Scroll
	Quantity		2	2	2	2
Compressor	Model		ZR47KC-TFD-522	ZR61KC-TFD-522	2 2	2
				ZR47KC-TFD-522	ZR61KC-TFD-522	ZR72KC-TFD-522
			0		Occasional	0 1 1
	Brand	D: #	Copeland	Copeland	Copeland	Copeland
	Capacity	Btu/hr	39000(×2)	49700+39000	49700(×2)	59300(×2)
	Input	W	3480(×2)	4430+3480	4430(×2)	5248(×2)
	Rated current(RLA)	Α	6.3(×2)	8.2+6.3	8.2(×2)	9.2(×2)
	Refrigerant oil charge	ml	1350(×2)	1700+1350	1700(×2)	1700(×2)
Outdoor Coil	Number of rows		3	3	3	3
	Fin spacing	mm	1.7	1.7	1.7	1.7
		inch	1/15	1/15	1/15	1/15
	Tube diameter	mm	Ф9.5	Ф9.5	Ф9.5	Ф9.5
		inch	3/8	3/8	3/8	3/8
	Туре		Axile	Axile	Axile	Axile
	No. used		1	1	1	1
	Diameter/ARC-UI-X	1		l	Ф650(90)	Ф650(90)
	B:	mm	Ф650(90)	Ф650(90)	Ψ030(30)	Ψ030(30)
	Diameter(Width)	inch	Φ650(90) 25 5/8(3 1/2)	Φ650(90) 25 5/8(3 1/2)	25 5/8(3 1/2)	25 5/8(3 1/2)
Outdoor Fan	, ,		25 5/8(3 1/2)	25 5/8(3 1/2)	25 5/8(3 1/2)	25 5/8(3 1/2)
Outdoor Fan	Drive type		25 5/8(3 1/2) Direct	25 5/8(3 1/2) Direct	25 5/8(3 1/2) Direct	25 5/8(3 1/2) Direct
Outdoor Fan	Drive type No. motors		25 5/8(3 1/2) Direct	25 5/8(3 1/2) Direct	25 5/8(3 1/2) Direct	25 5/8(3 1/2) Direct
Outdoor Fan	Drive type  No. motors  Motor model	inch	25 5/8(3 1/2)  Direct  1  YS550W-6P	25 5/8(3 1/2)  Direct  1  YS550W-6P	25 5/8(3 1/2)  Direct  1  YS600-6P	25 5/8(3 1/2) Direct 1 YS600-6P
Outdoor Fan	Drive type  No. motors  Motor model  Motor output	inch	25 5/8(3 1/2)  Direct  1  YS550W-6P  550	25 5/8(3 1/2)  Direct  1  YS550W-6P  550	25 5/8(3 1/2)  Direct  1  YS600-6P  600	25 5/8(3 1/2) Direct 1 YS600-6P 600
Outdoor Fan	Drive type  No. motors  Motor model  Motor output  Motor rpm	inch	25 5/8(3 1/2)  Direct  1  YS550W-6P  550  940	25 5/8(3 1/2)  Direct  1  YS550W-6P  550  940	25 5/8(3 1/2)  Direct  1  YS600-6P  600  930	25 5/8(3 1/2)  Direct  1  YS600-6P  600  930
	Drive type  No. motors  Motor model  Motor output  Motor rpm  Type	W r/min	25 5/8(3 1/2)  Direct  1  YS550W-6P  550  940  R22	25 5/8(3 1/2)  Direct  1  YS550W-6P  550  940  R22	25 5/8(3 1/2)  Direct  1  YS600-6P  600  930  R22	25 5/8(3 1/2) Direct  1 YS600-6P 600 930 R22
Outdoor Fan  Refrigerant	Drive type  No. motors  Motor model  Motor output  Motor rpm  Type  Refrigerant volume	inch	25 5/8(3 1/2)  Direct  1  YS550W-6P  550  940  R22  5.6	25 5/8(3 1/2)  Direct  1  YS550W-6P  550  940  R22  5.3	25 5/8(3 1/2)  Direct  1  YS600-6P  600  930  R22  6.4	25 5/8(3 1/2) Direct  1 YS600-6P 600 930 R22 5.6
	Drive type  No. motors  Motor model  Motor output  Motor rpm  Type	W r/min kg	25 5/8(3 1/2)  Direct  1  YS550W-6P  550  940  R22  5.6  Capillary tube	25 5/8(3 1/2) Direct  1 YS550W-6P 550 940 R22 5.3 Capillary tube	25 5/8(3 1/2)  Direct  1  YS600-6P  600  930  R22  6.4  Capillary tube	25 5/8(3 1/2) Direct  1 YS600-6P 600 930 R22 5.6 Capillary tube
	Drive type  No. motors  Motor model  Motor output  Motor rpm  Type  Refrigerant volume	w r/min kg	25 5/8(3 1/2)  Direct  1  YS550W-6P  550  940  R22  5.6  Capillary tube  2089X900X1235	25 5/8(3 1/2) Direct  1 YS550W-6P 550 940 R22 5.3 Capillary tube 2089X900X1235	25 5/8(3 1/2)  Direct  1  YS600-6P  600  930  R22  6.4  Capillary tube  2165X1002X1335	25 5/8(3 1/2) Direct 1 YS600-6P 600 930 R22 5.6 Capillary tube 2165X1002X1335
	Drive type  No. motors  Motor model  Motor output  Motor rpm  Type  Refrigerant volume  Refrigerant Control	w r/min kg mm inch	25 5/8(3 1/2) Direct 1 YS550W-6P 550 940 R22 5.6 Capillary tube 2089X900X1235 82×35×49	25 5/8(3 1/2) Direct  1 YS550W-6P 550 940 R22 5.3 Capillary tube 2089X900X1235 82×35×49	25 5/8(3 1/2)  Direct  1  YS600-6P  600  930  R22  6.4  Capillary tube  2165X1002X1335  85×40×53	25 5/8(3 1/2) Direct 1 YS600-6P 600 930 R22 5.6 Capillary tube 2165X1002X1335 85×40×53
Refrigerant	Drive type  No. motors  Motor model  Motor output  Motor rpm  Type  Refrigerant volume  Refrigerant Control  Net(W×H×D)	w r/min kg	25 5/8(3 1/2) Direct  1 YS550W-6P 550 940 R22 5.6 Capillary tube 2089X900X1235 82×35×49 2135X1065X1315	25 5/8(3 1/2) Direct  1 YS550W-6P 550 940 R22 5.3 Capillary tube 2089X900X1235 82×35×49 2135X1065X1315	25 5/8(3 1/2)  Direct  1  YS600-6P  600  930  R22  6.4  Capillary tube  2165X1002X1335  85×40×53  2220X1165X1415	25 5/8(3 1/2) Direct  1 YS600-6P 600 930 R22 5.6 Capillary tube 2165X1002X1335 85×40×53 2220X1165X1415
Refrigerant	Drive type  No. motors  Motor model  Motor output  Motor rpm  Type  Refrigerant volume  Refrigerant Control	w r/min kg mm inch	25 5/8(3 1/2) Direct 1 YS550W-6P 550 940 R22 5.6 Capillary tube 2089X900X1235 82×35×49	25 5/8(3 1/2) Direct  1 YS550W-6P 550 940 R22 5.3 Capillary tube 2089X900X1235 82×35×49	25 5/8(3 1/2)  Direct  1  YS600-6P  600  930  R22  6.4  Capillary tube  2165X1002X1335  85×40×53	25 5/8(3 1/2) Direct 1 YS600-6P 600 930 R22 5.6 Capillary tube 2165X1002X1335
Refrigerant  Dimensions	Drive type  No. motors  Motor model  Motor output  Motor rpm  Type  Refrigerant volume  Refrigerant Control  Net(W×H×D)	w r/min kg mm inch mm	25 5/8(3 1/2) Direct  1 YS550W-6P 550 940 R22 5.6 Capillary tube 2089X900X1235 82×35×49 2135X1065X1315	25 5/8(3 1/2) Direct  1 YS550W-6P 550 940 R22 5.3 Capillary tube 2089X900X1235 82×35×49 2135X1065X1315	25 5/8(3 1/2)  Direct  1  YS600-6P  600  930  R22  6.4  Capillary tube  2165X1002X1335  85×40×53  2220X1165X1415	25 5/8(3 1/2) Direct  1 YS600-6P 600 930 R22 5.6 Capillary tube 2165X1002X1335 85×40×53 2220X1165X1415
Refrigerant	Drive type  No. motors  Motor model  Motor output  Motor rpm  Type  Refrigerant volume  Refrigerant Control  Net(W×H×D)  Packing(W×H×D)	w r/min kg mm inch mm inch	25 5/8(3 1/2) Direct  1 YS550W-6P 550 940 R22 5.6 Capillary tube 2089X900X1235 82×35×49 2135X1065X1315 84×42×52	25 5/8(3 1/2) Direct  1 YS550W-6P 550 940 R22 5.3 Capillary tube 2089X900X1235 82×35×49 2135X1065X1315 84×42×52	25 5/8(3 1/2)  Direct  1  YS600-6P  600  930  R22  6.4  Capillary tube  2165X1002X1335  85×40×53  2220X1165X1415  87×46×56	25 5/8(3 1/2) Direct  1 YS600-6P 600 930 R22 5.6 Capillary tube 2165X1002X1335 85×40×53 2220X1165X1415 87×46×56
Refrigerant  Dimensions  Weight	Drive type  No. motors  Motor model  Motor output  Motor rpm  Type  Refrigerant volume  Refrigerant Control  Net(W×H×D)  Packing(W×H×D)  Net Weight	w r/min kg mm inch mm inch Kg(lbs)	25 5/8(3 1/2) Direct  1 YS550W-6P 550 940 R22 5.6 Capillary tube 2089X900X1235 82×35×49 2135X1065X1315 84×42×52 383(844)	25 5/8(3 1/2) Direct  1 YS550W-6P 550 940 R22 5.3 Capillary tube 2089X900X1235 82×35×49 2135X1065X1315 84×42×52 387(853)	25 5/8(3 1/2)  Direct  1  YS600-6P  600  930  R22  6.4  Capillary tube  2165X1002X1335  85×40×53  2220X1165X1415  87×46×56  441(972)	25 5/8(3 1/2) Direct  1 YS600-6P 600 930 R22 5.6 Capillary tube 2165X1002X1335 85×40×53 2220X1165X1415 87×46×56 443(977)
Refrigerant  Dimensions	Drive type  No. motors  Motor model  Motor output  Motor rpm  Type  Refrigerant volume  Refrigerant Control  Net(W×H×D)  Packing(W×H×D)  Net Weight  Gross weight	w r/min kg mm inch mm inch Kg(lbs)	25 5/8(3 1/2) Direct  1 YS550W-6P 550 940 R22 5.6 Capillary tube 2089X900X1235 82×35×49 2135X1065X1315 84×42×52 383(844) 427(941)	25 5/8(3 1/2) Direct  1 YS550W-6P 550 940 R22 5.3 Capillary tube 2089X900X1235 82×35×49 2135X1065X1315 84×42×52 387(853) 431(950)	25 5/8(3 1/2)  Direct  1  YS600-6P  600  930  R22  6.4  Capillary tube  2165X1002X1335  85×40×53  2220X1165X1415  87×46×56  441(972)  484(1067)	25 5/8(3 1/2) Direct 1 YS600-6P 600 930 R22 5.6 Capillary tube 2165X1002X1335 85×40×53 2220X1165X1415 87×46×56 443(977) 486(1071)

## Note:

The data are based on the following conditions:

 $Cooling~(1) and~Power~input (1): Indoor~Temperature~26.7 \\ ^{\circ}C(80 \\ ^{\circ}F)~DB~/~19.4 \\ ^{\circ}C(67 \\ ^{\circ}F)~WB; -Outdoor~Temperature~35 \\ ^{\circ}C(95 \\ ^{\circ}F)~DB.$ 

Cooling~(2) and~Power~input (2): Indoor~Temperature~26.7~C(80~F)~DB~/~19.4~C(67~F)~WB; -Outdoor~Temperature~46.1~C(115~F)~DB.

 $Electrical\ data(3):\ Indoor\ Temperature\ 32\,^{\circ}\!C(90\,^{\circ}\!F)\ DB\ /\ 23\,^{\circ}\!C(74\,^{\circ}\!F)\ WB;\ -\ Outdoor\ Temperature\ 52\,^{\circ}\!C(125\,^{\circ}\!F)\ DB.$