

Sakura Air Conditioner User-friendly, Earth-friendly



SPRT Series
(51,000 - 314,000 Btu)



SPRT-DS Series
Double-skinned 100% Fresh Air



Packaged Roof-top
SPRT Series

Pakaged Roof-top (SPRT Series) - (R-410A Cooling Only 50 Hz)

MODEL		SPRT	050	060	090	120	160	200	240	300
Nominal Cooling capacity		Btu/h	51,000	63,000	87,000	117,000	162,000	206,000	234,000	314,000
		Kw	15	18	25	34	47	60	69	92
		Kcal/h	12,853	15,877	21,925	29,486	40,827	51,915	58,972	79,133
Energy efficiency rating		COP (EER)	3.04 (10.39)	3.09 (10.56)	3.05 (10.43)	3.09 (10.56)	3.08 (10.50)	3.08 (10.50)	3.09 (10.56)	3.10 (10.60)
Power supply		V/Ph/Hz	380/3/50							
Refrigerant Type			R410a							
Refrigerant Charge (Approximately)		Kgs	3.10	4.20	5.00	6.50	9.60	11.00	13.00	17.00
Dimensions	Height	mm. (inch)	788 (31)	788 (31)	889 (35)	1042 (41)	1219 (48)	1219 (48)	1524 (60)	1702 (67)
	Width	mm. (inch)	1016 (40)	1016 (40)	1016 (40)	1118 (44)	1753 (69)	1956 (77)	1956 (77)	1956 (77)
	Depth	mm. (inch)	1320 (52)	1320 (52)	1575 (62)	1727 (68)	1905 (75)	2007 (79)	2007 (79)	2007 (79)
Compressor	Model		ZP57K3E-TFD	ZP72KCE-TFD	ZP103KCE-TFD	ZP137KCE-TFD	ZP182KCE-TFD	ZP120KCE-TFD	ZP137KCE-TFD	ZP182KCE-TFD
	Qty		1	1	1	1	1	2	2	2
	Compressor Type		Copeland Scroll							
OD Fan	Number of Fan Per Unit	Qty.	1	1	1	1	2	2	2	4
	Fan Type/Drive		Propeller fan							
	Diameter	mm. (inch)	610 (24)	610 (24)	660 (26)	762 (30)	660 (26)	762 (30)	762 (30)	660 (26)
OD Motor	Number of Motor Per Unit	Qty.	1	1	1	1	2	2	2	4
	Size	Watt (HP)	370 (1/2)	370 (1/2)	560 (3/4)	750 (1)	560 (3/4)	750 (1)	750 (1)	560 (3/4)
OD Coil	Row		2	3	3	3	3	3	3	3
	Fin per inch		13	13	13	13	13	13	13	13
	Surface Area	Sq.M (Sq. Ft)	0.90 (9.72)	0.90 (9.72)	1.07 (11.56)	1.47 (15.83)	2.15 (23.10)	2.39 (25.67)	2.89 (31.11)	3.76 (40.44)
ID Air Flow	Norminal air flow	CMH (CFM)	2720 (1600)	3400 (2000)	4250 (2500)	6120 (3600)	8500 (5000)	9520 (5600)	12240 (7200)	15640 (9200)
ID Drain size	FPT	mm. (inch)	19 (3/4)	19 (3/4)	19 (3/4)	19 (3/4)	19 (3/4)	25 (1)	25 (1)	25 (1)
ID Blower	Number of blowers	Qty.	1	1	1	1	2	2	2	2
	Model	inch X inch	9 x 9	10 x 10	12 x 12	12 x 12	12 x 12	12 x 12	15 x 15	15 x 15
ID Motor	Number of Motor Per Unit		1	1	1	1	1	1	1	1
	Size	Watt (HP)	370 (1/2)	560 (3/4)	750 (1)	1100 (1.5)	1500 (2)	2200 (3)	3700 (5)	5500 (7.5)
ID Coil	Row		3	3	3	3	3	3	3	3
	Surface Area	Sq.M (Sq. Ft)	0.31 (3.33)	0.39 (4.17)	0.48 (5.17)	0.65 (7.08)	0.97 (10.47)	1.13 (12.10)	1.38 (14.89)	1/73 (18.61)

Remark:

- The capacity is nominal capacity at the below condition.

Evaperator Air Inlet Temperature	Condenser Air Inlet Temperature
27/19°C DB/WB (80/67 °F DB/WB)	35°C DB (95°F DB)
- Specification are subjected to change without prior notice.
- The outer dimension will be final upon the confirmation or the order.
- Cooling / heating models are available
- SAKURA has the right to change compressor model / brand to enhance performance and / or delivery with prior notice.