

PRODUCT GUIDE

SD-SERIES

Optimized design for even distribution of circulating cold air [GI Steel +Powder Coating]

• Inner Grooved Copper Tube : ø9.52 • Pipe Pitch : 27.5mm x 31.75mm

Capacity 50Hz

R404A / R507A / R448A

Model	Room Temp		F.P	Surface	TD & Capacity					
					12°C		10°C		7°C	
	°C				mm	m²	kW	kcal/h	kW	kcal/h
SYU-SD020PE	M	-5	6.5	7.3	2.64	2,273	1.99	1,710	1.07	918
	L	-25	8.5	5.8	2.12	1,823	1.62	1,393	0.86	740
SYU-SD030PE	M	-5	6.5	9.7	3.52	3,030	2.65	2,280	1.42	1,225
	L	-25	8.5	7.7	2.83	2,431	2.15	1,848	1.15	986
SYU-SD040PE	M	-5	6.5	13.7	4.39	3,779	3.44	2,955	1.81	1,560
	L	-25	8.5	10.9	3.53	3,038	2.76	2,376	1.49	1,282
SYU-SD050PE	M	-5	6.5	17.9	6.93	5,962	5.31	4,567	2.85	2,451
	L	-25	8.5	14.1	5.62	4,837	4.26	3,663	2.29	1,971
SYU-SD080PE	M	-5	6.5	29.3	11.34	9,752	8.20	7,051	4.40	3,788
	L	-25	8.5	23.2	9.10	7,823	6.68	5,742	3.55	3,050
SYU-SD100PE	M	-5	6.5	37.8	13.74	11,815	10.34	8,891	5.55	4,776
	L	-25	8.5	29.9	11.02	9,478	8.42	7,241	4.47	3,846
SYU-SD120PE	M	-5	6.5	41.9	15.24	13,106	11.47	9,863	6.16	5,298
	L	-25	8.5	33.2	17.52	15,067	9.26	7,960	4.96	4,266
SYU-SD150PE	M	-5	6.5	61.3	22.29	19,173	16.78	14,429	9.01	7,751
	L	-25	8.5	48.5	17.89	15,382	13.66	11,750	7.26	6,241
SYU-SD200PE	M	-5	6.5	81.7	26.16	22,496	20.46	17,592	10.80	9,285
	L	-25	8.5	64.7	21.02	18,080	16.19	13,927	8.55	7,351

※ The specifications of this unit may be changed without notice for improvements in performance.

※ Temperature switch (TC) attached to prevent overheating during defrost



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Specifications

Model	Ventilator Ø x W x N x EA	Air Flow CMM	Defrost (kW)			Connections (mmø)			Dimensions					Weight kg
			Coil	Drain	*Front	IN	OUT	Drain	L	A	B	W	H	
											mm			
SYU-SD020PE	350 x 100 x 4 x 1	30	0.8 x 3	0.60	0.25	12.70	19.05	20A	750	535	367	320	572	30
SYU-SD030PE	400 x 100 x 6 x 1	37	0.8 x 3	0.60	0.34	12.70	22.22	20A	750	535	367	320	572	35
SYU-SD040PE	400 x 100 x 6 x 1	37	1.08 x 3	0.70	0.34	12.70	22.22	20A	965	750	367	320	572	40
SYU-SD050PE	400 x 100 x 6 x 2	74	1.37 x 3	1.00	0.34	12.70	22.22	20A	1,185	970	367	320	572	50
SYU-SD080PE	450 x 200 x 6 x 2	94	1.29 x 5	1.20	0.43	15.88	28.58	20A	1,275	1,060	437	390	572	65
SYU-SD100PE	450 x 200 x 6 x 2	94	1.46 x 6	1.20	1.00	15.88	34.92	20A	1,425	1,210	437	390	646	80
SYU-SD120PE	450 x 200 x 6 x 2	94	1.62 x 6	1.20	1.00	15.88	34.92	20A	1,555	1,340	437	390	646	85
SYU-SD150PE	450 x 200 x 6 x 3	142	2.17 x 7	1.60	1.00	22.22	34.92	20A	1,815	1,600	437	390	783	110
SYU-SD200PE	450 x 200 x 6 x 3	142	2.17 x 7	1.60	1.00	22.22	41.28	20A	1,815	1,600	492	445	783	120

※ Electric power for fan motor : 3PH x 220V / 380V x 50Hz

