

PRODUCT GUIDE

FL-SERIES

Products designed for floor installation

• Inner Grooved Copper Tube : ø12.7 • Pipe Pitch : 33mm x 38.1mm

Capacity 50Hz

R404A / R507A / R448A

Model	Room Temp		F.P	Surface	TD & Capacity						Weight
					10°C		7°C		5°C		
		°C	mm	mi	kW	kcal/h	kW	kcal/h	kW	kcal/h	kg
SYU-FL150AW	M	-5°C	6.5	75.1	22.92	19,714	12.17	10,470	7.93	6,824	380
	L	-25°C	8.0	69.5	21.20	18,237	11.26	9,686	7.34	6,312	410
	F	-40°C	10	91.2	27.82	23,929	27.82	12,709	9.62	8,283	450
SYU-FL200AW	M	-5°C	6.5	79.5	24.24	20,851	12.87	11,075	8.39	7,218	430
	L	-25°C	8.0	88.2	26.97	23,194	14.29	12,294	9.31	8,012	460
	F	-40°C	10	100.3	30.61	26,326	16.26	13,983	10.59	9,113	490
SYU-FL250AW	M	-5°C	6.5	97.6	29.78	25,611	15.82	13,603	10.30	8,865	440
	L	-25°C	8.0	109.1	33.27	28,618	17.67	15,199	11.51	9,906	520
	F	-40°C	10	127.1	38.78	33,349	20.59	17,713	13.42	11,543	550
SYU-FL300AW	M	-5°C	6.5	105.9	32.33	27,802	17.17	14,766	11.18	9,623	460
	L	-25°C	8.0	125.1	38.17	32,825	20.26	17,434	13.21	11,362	560
	F	-40°C	10	145.8	44.50	38,271	23.63	20,327	15.40	13,247	590
SYU-FL350AW	M	-5°C	6.5	136.4	41.61	35,789	22.10	19,009	14.40	12,388	530
	L	-25°C	8.0	141.0	43.02	37,005	22.85	19,655	14.89	12,809	660
	F	-40°C	10	164.8	50.30	43,257	26.71	22,975	17.41	14,972	700
SYU-FL400AW	M	-5°C	6.5	146.4	44.66	38,418	23.72	20,405	15.46	13,298	550
	L	-25°C	8.0	161.2	49.19	42,309	26.13	22,471	17.02	14,645	710
	F	-40°C	10	187.2	57.11	49,122	30.34	26,090	19.77	17,003	740
SYU-FL450AW	M	-5°C	6.5	169.4	51.70	44,466	27.46	23,618	17.90	15,391	600
	L	-25°C	8.0	175.8	53.64	46,132	28.49	24,502	18.56	15,968	740
	F	-40°C	10	205.0	62.54	53,787	33.22	28,568	21.64	18,617	800

※ he 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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Axial Fan + Water Spray Defrost

Specifications

Model	Ventilator	Air Flow	Defrost Water			Heater (kW)		Connections (mmø)		Dimensions				
			Volume	Pipe (A)						L	A	B	W	H
	Ø x W x N x EA	CMM	LPM	IN	OUT	Drain	Fan	IN	OUT	mm				
SYU-FL150AW	M	128	55	32	50	1.2 x 2	0.65 x 2	22.22	41.28	1,740	1,700	855	830	2,040
	500 x 750 x 4 x 2	144	65							1,740	1,700	931	906	2,040
	L	160	105							40	65	1,940	1,900	1,007
SYU-FL200AW	M	184	60	32	50	1.4 x 2	0.65 x 2	22.22	41.28	2,090	2,050	931	906	2,040
	550 x 1500 x 4 x 2	184	85							2,090	2,050	931	906	2,040
	L	184	120							40	65	2,090	2,050	1,007
SYU-FL250AW	M	168	70	40	65	1.5 x 2	0.75 x 2	22.22	41.28	1,960	1,920	931	906	2,040
	550 x 1500 x 4 x 2	224	105							2,140	2,100	1,083	1,058	2,040
	600 x 2200 x 4 x 2	224	280							50	80	2,140	2,100	1,159
SYU-FL300AW	M	180	75	40	65	1.5 x 3	0.75 x 2	22.22	53.98	2,090	2,050	931	906	2,040
	550 x 1500 x 4 x 2	256	120							2,390	2,350	1,083	1,058	2,040
	600 x 2200 x 4 x 2	256	320							50	80	2,470	2,430	1,159
SYU-FL350AW	M	232	100	40	65	0.75 x 2	22.22	53.98	2,210	2,170	1,083	1,058	2,040	
	600 x 2200 x 4 x 2	288	135	50	80	1.7 x 3			0.65 x 3	2,470	2,430	1,159	1,134	2,040
	550 x 1500 x 4 x 3	288	190	50	80	2,570			2,530	1,236	1,211	2,106		
SYU-FL400AW	M	252	105	40	65	0.75 x 2	28.58	66.68	2,340	2,300	1,083	1,058	2,040	
	600 x 2200 x 4 x 2	332	155	50	80	1.8 x 3			0.65 x 3	2,760	2,720	1,159	1,134	2,040
	550 x 1500 x 4 x 3	332	215	2,860	2,820	1,236			1,211	2,106				
SYU-FL450AW	M	288	120	40	65	0.75 x 2	28.58	66.68	2,470	2,430	1,159	1,134	2,040	
	600 x 2200 x 4 x 2	360	160	50	80	1.85 x 3			0.65 x 3	2,970	2,930	1,159	1,134	2,040
	600 x 2200 x 4 x 3	360	235	3,090	3,050	1,236			1,211	2,106				

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

