

PRODUCT GUIDE

SAU-SERIES



Food Processing Agriculture / Livestock / Seafood / Refrigerated supermarket General air conditioning and refrigeration

• SAU□□□M-BC7C

Standard Specifications 50Hz

R407C / R134a

Model		050M-BC7C	060M-BC7C	070M-BC7C	080M-BC7C	090M-BC7C	100M-BC7C
Refrigerant		R407C					
Evap. Temp Range		-20 °C ~ +10 °C					
Power Supply		Main : 380V x 3PH x 50Hz Control : 220V x 1PH x 50Hz					
Capacity		111.8 kW	140.5 kW	162.9 kW	184.4 kW	213.9 kW	250.4 kW
Refrigeration Ton		13.98 RT	17.35 RT	20.10 RT	23.16 RT	26.33 RT	30.10 RT
Electric	Power Consumption	36.6 kW	45.5 kW	52.5 kW	59.3 kW	68.2 kW	78.8 kW
	Current Consumption	62.4 A	76.5 A	87.6 A	99.0 A	110.7 A	127.4 A
	Model	CSH6553-50	CSH6563-60	CSH7553-70	CSH7563-80	CSH7573-90	CSH7583-100
Compressors	Nominal Output	50 HP	60 HP	70 HP	80 HP	90 HP	100 HP
	Displacement m ³ /h	137	170	197	227	258	295
	Oil Quantity lit	9.5	9.5	15	15	15	15
	Operating	86 A	108 A	128 A	144 A	162 A	170 A
	Starting Current	218 / 411 A	269 / 508 A	290 / 485 A	350 / 585 A	423 / 686 A	479 / 790 A
Capacity Control		4-Step100-75-50-25% (Standard) Infinite 100-25% (Standard)					
Condenser	Heat Exchanger	CROSS-TUBE & FIN					
	Air Blower						
	Air Flow	579 CMM	869 CMM	869 CMM	1,158 CMM	1,448 CMM	1,448 CMM
	Power x Pole kW x P	0.75 x 6	0.75 x 6	0.75 x 6	0.75 x 6	0.75 x 6	0.75 x 6
Diameter x EA ø x EA		630 x 4	630 x 6	630 x 6	630 x 8	630 x 10	630 x 10
Receiver Capacity lit		120	120	220	220	220	220
Cond, Pressure Control		HPC					
Components		Receiver, Filter Drier, Sight Glass, Accumulator, Gauge					
Protection		DPS, Internal Overload Protector					
Suction Line mm		53.98	53.98	79.38	79.38	79.38	79.38
Discharge Line mm		41.28	41.28	53.98	53.98	53.98	53.98
Liquid Line mm		34.92	34.92	34.92	34.92	34.92	34.92
Dimensions	Paint Color	N9.3					
	Length mm	2,110	2,680	2,680	3,370	4,170	4,170
	Width mm	1,950	1,950	1,950	1,950	1,950	1,950
	Height mm	2,115	2,115	2,260	2,260	2,460	2,510
Anchor Dimensions (mm)		2,015 x 1,850	2,585 x 1,850	2,585 x 1,850	3,275 x 1,850	4,060 x 1,850	4,060 x 1,850

※ Condensing Temp : +50°C ※ Evaporating Temp : +5°C ※ The specifications of this unit may be changed without notice to improve the performance of the product.



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Capacity Table

Refrigeration capacity table

— R407C Capacity 50Hz

Subcooling : 5K / Suction Superheat : 5K (kW)

Model	CT	Evaporating Temp (°C)							
		-25	-20	-15	-10	-5	0	+5	+10
SAU050M-BC7C	+50°C	-	34.87	45.50	58.24	73.35	91.11	111.86	135.96
SAU060M-BC7C		-	43.72	57.10	73.12	92.11	114.43	140.50	170.78
SAU070M-BC7C		-	50.84	66.00	84.32	106.24	132.27	162.95	198.92
SAU080M-BC7C		-	57.98	75.15	95.84	120.57	149.89	184.42	224.82
SAU090M-BC7C		-	69.24	89.57	113.67	142.05	175.28	213.98	258.85
SAU100M-BC7C		65.35	84.73	107.95	135.52	168.02	206.10	250.45	301.88

— R134a Capacity 50Hz

Subcooling : 5K / Suction Superheat : 5K (kW)

Model	CT	Evaporating Temp (°C)							
		-20	-15	-10	-5	0	+5	+10	+15
SAU050M-BC7E	+50°C	22.26	30.41	39.88	50.90	63.76	78.72	96.08	116.19
SAU060M-BC7E		28.02	38.23	50.09	63.92	80.03	98.79	120.57	145.78
SAU070M-BC7E		32.04	42.88	56.08	72.01	91.05	113.63	140.23	171.37
SAU080M-BC7E		37.25	49.74	64.94	83.25	105.13	131.05	161.57	197.28
SAU090M-BC7E		44.16	58.90	76.60	97.69	122.65	151.99	186.29	226.19
SAU100M-BC7E		54.28	71.13	91.34	115.38	143.81	177.20	216.21	261.57

— R22 Capacity 50Hz

Subcooling : 5K / Suction Superheat : 5K (kW)

Model	CT	Evaporating Temp (°C)							
		-25	-20	-15	-10	-5	0	+5	+10
SAU050M-BC7A		-	39.06	50.39	63.52	78.65	96.02	115.86	138.45
SAU060M-BC7A		-	49.16	63.35	79.79	98.76	120.54	145.42	173.74
SAU070M-BC7A		-	56.37	72.72	91.63	113.41	138.40	166.95	199.44
SAU080M-BC7A		-	65.48	84.35	106.11	131.14	159.82	192.56	229.81
SAU090M-BC7A		-	82.02	105.21	131.49	161.35	195.28	233.78	277.41
SAU100M-BC7A		-	91.64	115.99	144.40	177.31	215.20	258.62	308.13

1. If you need capacity at other condition, contact our engineer or use selection program.

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SAU-SERIES



Food Processing Agriculture / Livestock / Seafood / Refrigerated supermarket / General air conditioning and refrigeration

• SAU□□□M-F17B

Standard Specifications 50Hz

R404A / R507A

Model		040M-F17B	050M-F17B	060M-F17B	070M-F17B	080M-F17B	090M-F17B	100M-F17B
Refrigerant		R404A / R507A						
Evap. Temp Range		-30 °C ~ +10 °C						
Power Supply		Main : 380V x 3PH x 50Hz Control : 220V x 1PH x 50Hz						
Capacity		92.8 kW	118.3 kW	136.7 kW	151.5 kW	189.1 kW	222.7 kW	238.7 kW
Refrigeration Ton		16.46 RT	20.98 RT	23.66 RT	26.22 RT	32.68 RT	38.54 RT	40.37 RT
Electric	Power Consumption	38.7 kW	49.1 kW	55.0 kW	62.0 kW	77.1 kW	90.6 kW	93.2 kW
	Current Consumption	66.0 A	83.9 A	93.9 A	105.8 A	131.7 A	154.7 A	159.0 A
Compressors	Model	BSR213	BSR216	BSR311S	BSR311	BSR314	BSR316	BSR321
	Nominal Output	40 HP	50 HP	60 HP	70 HP	80 HP	90 HP	100 HP
	Displacement m/h	135	172	194	215	268	316	331
	Oil Quantity lit	11	11	13	13	13	13	17
	Capacity Control	25% (Starting) 100-75-50% (Standard) or 100-25% (Infinite)						
Condenser	Heat Exchanger	CROSS-TUBE & FIN						
	Air Flow	579 CMM	869 CMM	869 CMM	1,158 CMM	1,448 CMM	1,448 CMM	1,448 CMM
	Power x Pole kW x P	0.75 x 6	0.75 x 6	0.75 x 6	0.75 x 6	0.75 x 6	0.75 x 6	0.75 x 6
	Diameter x EA ø x EA	630 x 4	630 x 6	630 x 6	630 x 8	630 x 10	630 x 10	630 x 10
Receiver Capacity lit		65	120	120	120	120	120	120
Cond. Pressure Control		HPC						
Components		Receiver, Filter Drier, Sight Glass, Accumulator, Gauge						
Protection		DPS, Internal Overload Protector						
Suction Line mm		66.68	66.68	79.38	79.38	79.38	79.38	101.6
Discharge Line mm		41.28	41.28	53.98	53.98	53.98	53.98	79.38
Liquid Line mm		28.58	28.58	34.92	34.92	34.92	34.92	41.28
Dimensions	Paint Color	N9,3						
	Length mm	3,180	2,680	2,680	3,370	4,170	4,170	4,170
	Width mm	1,018	1,950	1,950	1,950	1,950	1,950	1,950
	Height mm	2,175	2,115	2,260	2,260	2,460	2,510	2,610
Anchor Dimensions (mm)		2,858 x 1,045	2,585 x 1,850	2,585 x 1,850	3,275 x 1,850	4,060 x 1,850	4,060 x 1,850	4,060 x 1,850

※ Condensing Temp : +50°C ※ Evaporating Temp : -5°C

※ The specifications of this unit may be changed without notice to improve the performance of the product.



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Capacity Table

Refrigeration capacity table

— R404A / R507A Capacity 50Hz

Subcooling : 5K / Suction Superheat : 5K (kW)

Model	CT	Evaporating Temp (°C)								
		-45	-40	-35	-30	-25	-20	-15	-10	0
SAU040M-F17C	+50°C	-	-	18.6	24.5	31.6	40.2	50.5	62.8	77.4
SAU050M-F17C		-	-	23.7	31.2	40.2	51.2	64.3	80.0	98.6
SAU060M-F17C		-	-	27.4	36.0	46.5	59.1	74.3	92.5	113.9
SAU070M-F17C		-	-	30.3	39.9	51.5	65.5	82.4	102.5	126.3
SAU080M-F17C		-	-	37.8	49.8	64.2	81.7	102.8	127.9	157.6
SAU090M-F17C		-	-	44.6	58.7	75.7	96.3	121.1	150.7	185.7
SAU100M-F17C		-	-	47.8	62.9	81.1	103.2	129.8	161.5	198.9

— R22 Capacity 50Hz

Subcooling : 5K / Suction Superheat : 5K (kW)

Model	CT	Evaporating Temp (°C)								
		-30	-25	-20	-15	-10	-5	0	+5	+10
SAU040M-F17A	+50°C	24.9	31.4	39.7	49.9	62.2	76.7	93.5	112.7	125.4
SAU050M-F17A		31.8	40.0	50.6	63.6	79.3	97.7	119.1	143.5	159.8
SAU060M-F17A		36.4	45.8	57.9	72.9	90.8	111.9	136.4	164.5	183.0
SAU070M-F17A		40.3	50.8	64.2	80.7	100.6	124.0	151.2	182.3	202.9
SAU080M-F17A		50.3	63.4	80.1	100.8	125.6	154.8	188.7	227.5	253.2
SAU090M-F17A		59.3	74.7	94.4	118.7	148.0	182.4	222.3	268.0	298.3
SAU100M-F17A		64.3	81.0	102.3	128.7	160.4	197.8	241.1	290.6	323.5

— R134a Capacity 50Hz

Subcooling : 5K / Suction Superheat : 5K (kW)

Model	CT	Evaporating Temp (°C)						
		-20	-15	-10	-5	0	+5	+10
SAU040M-F17E	+50°C	21.2	28.1	36.7	47.2	59.8	74.6	91.7
SAU050M-F17E		27.0	35.7	46.7	60.2	76.2	95.0	116.8
SAU060M-F17E		31.1	41.3	54.0	69.5	88.0	109.7	134.9
SAU070M-F17E		34.5	45.7	59.8	77.0	97.5	121.6	149.5
SAU080M-F17E		43.1	57.1	74.7	96.1	121.7	151.8	186.5
SAU090M-F17E		50.7	67.3	88.0	113.2	143.4	178.8	219.8
SAU100M-F17E		55.0	72.9	95.3	122.7	155.4	193.7	238.1

1. If you need capacity at other condition, contact our engineer or use selection program.

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Food processing, Warehouse refrigerator, Supermarket refrigeration

• SAU□□□L-BN7B

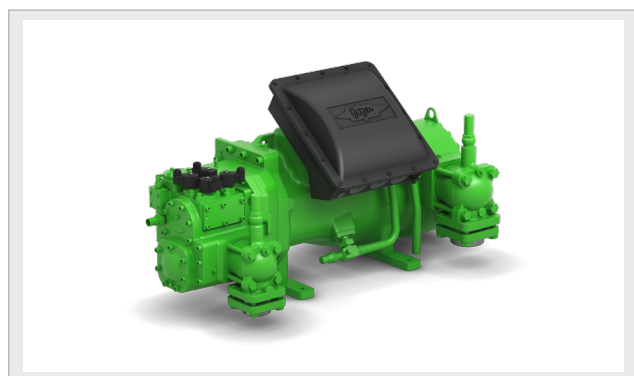
Standard Specifications 50Hz / ECO

R404A / R507A

Model		020L-BN7B	025L-BN7B	030L-BN7B	040L-BN7B	050L-BN7B	060L-BN7B	070L-BN7B	080L-BN7B
Refrigerant		R404A / R507A							
Evap. Temp Range		-45 °C ~ -15 °C							
Power Supply		Main : 380V x 3PH x 50Hz Control : 220V x 1PH x 50Hz							
Capacity		37.1 kW	43.6 kW	50.3 kW	60.8 kW	69.6 kW	84.5 kW	97 kW	101.8 kW
Refrigeration Ton		10.2 RT	12.1 RT	14.3 RT	17 RT	20.1 RT	23.4 RT	26.8 RT	30.4 RT
Electric	Power Consumption	26.1 kW	29.7 kW	33.5 kW	38 kW	45.1 kW	55.2 kW	59.5 kW	64.8 kW
	Current Consumption	43.4 A	46 A	51.7 A	61.8 A	71.8 A	88 A	94.8 A	102.8 A
Compressors	Model	HSN5343-20	HSN5353-25	HSN5363-30	HSN6451-40	HSN6461-50	HSN7451-60	HSN7461-70	HSN7471-75
	Nominal Output	20 HP	25 HP	30 HP	40 HP	50 HP	60 HP	70 HP	75 HP
	Displacement m³/h	84	100	118	140	165	192	220	250
	Capacity Control	100-75-50% (Standard) 100-75-50%							
Condenser	Heat Exchanger	CROSS-TUBE & FIN							
	Air Flow	434 CMM	579 CMM	579 CMM	579 CMM	869 CMM	869 CMM	1,158 CMM	1,448 CMM
	Power x Pole kW x P	0.75 x 6	0.75 x 6	0.75 x 6	0.75 x 6	0.75 x 6	0.75 x 6	0.75 x 6	0.75 x 6
	Diameter x EA ø x EA	630 x 3	630 x 4	630 x 4	630 x 4	630 x 6	630 x 6	630 x 8	630 x 10
Receiver Capacity lit		40	50	50	65	120	120	160	220
Cond. Pressure Control		HPC							
Components		Oil Separator, Receiver, Filter Drier, Sight Glass, Accumulator, Gauge							
Protection		DPS, Internal Overload Protector							
Suction Line mm		53.98	53.98	53.98	53.98	53.98	79.38	79.38	79.38
Discharge Line mm		41.28	41.28	41.28	41.28	41.28	53.98	53.98	53.98
Liquid Line mm		22.22	22.22	22.22	28.58	28.58	28.58	34.92	34.92
Dimensions	Paint Color	N9.3							
	Length mm	2,320	3,180	3,180	2,110	2,680	2,680	3,370	4,170
	Width mm	903	1,018	1,018	1,950	1,950	1,950	1,950	1,950
	Height mm	1,908	1,966	1,966	2,115	2,115	2,260	2,260	2,460
Anchor Dimensions (mm)		2,002 x 930	2,858 x 1,045	2,858 x 1,045	2,015 x 1,850	2,585 x 1,850	2,585 x 1,850	3,275 x 1,850	4,060 x 1,850

※ Condensing Temp : +50°C ※ Evaporating Temp : -25°C

※ The specifications of this unit may be changed without notice to improve the performance of the product.



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Capacity Table

Refrigeration capacity table

— R404A / R507A Capacity 50Hz

Subcooling : 10K / Suction Superheat : 10K / ECO (kW)

Model	CT	Evaporating Temp (°C)							
		-50	-45	-40	-35	-30	-25	-20	-15
SAU020L-BN7B	+50°C	-	13.84	18.57	23.98	30.13	37.10	44.95	53.75
SAU025L-BN7B		-	16.73	22.18	28.42	35.52	43.57	52.64	62.82
SAU030L-BN7B		-	20.41	26.45	33.39	41.31	50.30	60.44	71.84
SAU040L-BN7B		-	24.54	31.80	40.18	49.80	60.75	73.17	87.19
SAU050L-BN7B		-	29.00	37.16	46.56	57.33	69.59	83.50	99.23
SAU060L-BN7B		-	33.58	43.73	55.47	68.99	84.48	102.20	122.39
SAU070L-BN7B		-	39.50	50.94	64.18	79.44	96.95	116.99	139.85
SAU080L-BN7B		-	42.59	54.40	68.05	83.76	101.79	122.41	145.95

— R22 Capacity 50Hz

Subcooling : 10K / Suction Superheat : 10K / ECO (kW)

Model	CT	Evaporating Temp (°C)							
		-45	-40	-35	-30	-25	-20	-15	-10
SAU020L-BN7A	+50°C	12.09	16.28	21.15	26.75	33.14	40.38	48.54	57.67
SAU025L-BN7A		14.98	19.86	25.52	32.28	39.45	47.87	57.34	67.95
SAU030L-BN7A		17.73	23.44	30.01	37.54	46.11	55.78	66.64	78.77
SAU040L-BN7A		20.11	26.70	34.33	43.09	53.07	64.35	77.03	91.19
SAU050L-BN7A		24.29	32.09	41.06	51.34	63.02	76.21	91.03	107.60
SAU060L-BN7A		28.23	37.92	49.16	62.10	76.91	93.75	112.79	134.21
SAU070L-BN7A		33.39	44.12	56.55	70.84	87.15	105.66	126.55	150.01
SAU080L-BN7A		36.65	48.22	61.56	76.85	94.27	114.03	136.33	161.37

— R407F Capacity 50Hz

Subcooling : 10K / Suction Superheat : 10K / ECO (kW)

Model	CT	Evaporating Temp (°C)							
		-50	-45	-40	-35	-30	-25	-20	-15
SAU020L-BN7Z	+50°C	-	-	15.21	20.14	25.90	32.56	40.19	48.87
SAU025L-BN7Z		-	-	18.29	24.04	30.76	38.53	47.43	57.57
SAU030L-BN7Z		-	-	21.99	28.49	36.08	44.88	54.96	66.44
SAU040L-BN7Z		-	-	26.56	34.51	43.84	54.65	67.08	81.23
SAU050L-BN7Z		-	-	31.48	40.51	51.09	63.35	77.44	93.52
SAU060L-BN7Z		-	-	37.25	48.58	61.91	77.44	95.39	115.99
SAU070L-BN7Z		-	-	43.68	56.61	71.79	89.43	109.78	133.10
SAU080L-BN7Z		-	-	47.14	60.54	76.27	94.56	115.66	139.85

1. If you need capacity at other condition, contact our engineer or use selection program.

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Food processing. Warehouse refrigerator, Supermarket refrigeration

- SAU□□□M-BK7B

Standard Specifications 50Hz

R404A / R507A

Model	030M-BK7B	040M-BK7B	050M-BK7B	060M-BK7B	070M-BK7B	080M-BK7B	090M-BK7B
Refrigerant	R404A / R507A						
Evap. Temp Range	-20 °C ~ +5 °C						
Power Supply	Main : 380V x 3PH x 50Hz Control : 220V x 1PH x 50Hz						
Capacity	48.2 kW	69.5 kW	84 kW	101.1 kW	121.6 kW	140.1 kW	153.4 kW
Refrigeration Ton	10.2 RT	14.3 RT	17 RT	20.1 RT	23.4 RT	26.8 RT	30.4 RT
Electric	Power Consumption	27 kW	37.2 kW	42.4 kW	53.2 kW	65.1 kW	77.9 kW
	Current Consumption	41.9 A	57.7 A	67.7 A	85.1 A	103.4 A	128.9 A
Compressors	Model	HSK5343-30	HSK5363-40	HSK6451-50	HSK6461-60	HSK7451-70	HSK7461-80
	Nominal Output	30 HP	40 HP	50 HP	60 HP	70 HP	80 HP
	Displacement m³/h	84	118	140	165	192	220
	Capacity Control	100-75-50% (Standard) * 100-75-50% (Standard) or 100-50% (Standard)					
Condenser	Heat Exchanger	CROSS-TUBE & FIN					
	Air Flow	579 CMM	579 CMM	869 CMM	869 CMM	1,158 CMM	1,448 CMM
	Power x Pole kW x P	0.75 x 6	0.75 x 6	0.75 x 6	0.75 x 6	0.75 x 6	0.75 x 6
	Diameter x EA ø x EA	630 x 4	630 x 4	630 x 6	630 x 6	630 x 8	630 x 10
Receiver Capacity lit	50	65	120	120	120	120	220
Cond. Pressure Control	HPC						
Components	Oil Separator, Receiver, Filter Drier, Sight Glass, Accumulator, Gauge						
Protection	DPS, Internal Overload Protector						
Suction Line mm	53.98	53.98	53.98	53.98	79.38	79.38	79.38
Discharge Line mm	41.28	41.28	41.28	41.28	53.98	53.98	53.98
Liquid Line mm	22.22	28.58	28.58	28.58	28.58	34.92	34.92
Dimensions	Paint Color	N9.3					
	Length mm	3,180	3,180	2,680	2,680	3,370	4,170
	Width mm	1,018	1,018	1,950	1,950	1,950	1,950
	Height mm	1,966	2,168	2,115	2,260	2,260	2,460
Anchor Dimensions (mm)	2,858 x 1,045	2,858 x 1,045	2,585 x 1,850	2,585 x 1,850	3,275 x 1,850	4,060 x 1,850	4,060 x 1,850

※ Condensing Temp : +50°C ※ Evaporating Temp : -5°C

※ The specifications of this unit may be changed without notice to improve the performance of the product.



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Capacity Table

Refrigeration capacity table

— R404A / R507A Capacity 50Hz

Subcooling : 5K / Suction Superheat : 5K (kW)

Model	CT	Evaporating Temp (°C)					
		-20	-15	-10	-5	0	+5
SAU030M-BK7B	+50°C	24.41	31.06	38.93	48.20	59.06	71.70
SAU040M-BK7B		35.44	45.01	56.29	69.52	84.94	102.87
SAU050M-BK7B		43.20	54.61	68.13	84.03	102.64	124.32
SAU060M-BK7B		51.36	65.33	81.78	101.05	123.54	149.66
SAU070M-BK7B		61.65	78.40	98.25	121.62	148.99	180.90
SAU080M-BK7B		72.17	91.15	113.62	140.06	171.00	207.06
SAU090M-BK7B		78.15	99.29	124.20	153.38	187.42	226.97

— R22 Capacity 50Hz

Subcooling : 5K / Suction Superheat : 5K (kW)

Model	CT	Evaporating Temp (°C)					
		-20	-15	-10	-5	0	+5
SAU030M-BK7A	+50°C	25.96	33.17	41.56	51.27	62.45	75.25
SAU040M-BK7A		38.24	48.49	60.29	73.84	89.32	106.98
SAU050M-BK7A		43.75	55.43	69.09	84.96	103.29	124.35
SAU060M-BK7A		53.62	67.99	84.54	103.53	125.25	150.00
SAU070M-BK7A		64.28	81.96	102.54	126.36	153.77	185.16
SAU080M-BK7A		73.33	92.74	115.45	141.84	172.30	207.30
SAU090M-BK7A		81.77	103.51	128.56	157.31	190.19	227.67

— R134a Capacity 50Hz

Subcooling : 5K / Suction Superheat : 5K (kW)

Model	CT	Evaporating Temp (°C)					
		-20	-15	-10	-5	0	+5
SAU030M-BK7E	+50°C	15.16	19.76	25.27	31.82	39.55	48.62
SAU040M-BK7E		22.33	28.96	36.88	46.29	57.38	70.39
SAU050M-BK7E		26.48	34.49	44.10	55.54	69.07	84.97
SAU060M-BK7E		32.16	41.73	53.15	66.70	82.67	101.40
SAU070M-BK7E		38.24	49.84	63.74	80.30	99.86	122.86
SAU080M-BK7E		44.21	57.51	73.47	92.46	114.91	141.30
SAU090M-BK7E		48.88	63.35	80.62	101.11	125.26	153.59

1. If you need capacity at other condition, contact our engineer or use selection program.

PRODUCT GUIDE

SAU-SERIES



Food processing. Warehouse refrigerator, Supermarket refrigeration

- SAU□□□F-F27B

Standard Specifications 50Hz

R404A / R507A

Model	030F-F27B	050F-F27B	080F-F27B	100F-F27B	125F-F27B	150F-F27B
Refrigerant	R404A					
Evap. Temp Range	-65℃ ~ -30 ℃					
Power Supply	Main : 380V x 3PH x 50Hz Control : 220V x 1PH x 50Hz					
Capacity	34.4 kW	63 kW	91.7 kW	124.6 kW	153.5 kW	182.5 kW
Refrigeration Ton	7.26 RT	15.09 RT	20.56 RT	24.56 RT	30.78 RT	36.63 RT
Electric	Power Consumption	30.7 kW	54.9 kW	82.1 kW	112.9 kW	167.8 kW
	Current Consumption	52.4 A	92.1 A	137.4 A	192.2 A	286.5 A
Compressors	Model	SRT218	SRT314	SRT321	SRT324	SRT413
	Nominal Output	30 HP	50 HP	75 HP	100 HP	125 HP
	Displacement m ³ /h	120 / 50	222 / 106	310 / 143	430 / 167	530 / 210
	Capacity Control	100-50% (standard) 25% (standard) 100-50%				
Condenser	Heat Exchanger	CROSS-TUBE & FIN				
	Air Flow	579 CMM	869 CMM	1,158 CMM	1,448 CMM	1,738 CMM
	Power x Pole kW x P	0.40 x 6	0.75 x 6	0.75 x 6	0.75 x 6	0.75 x 6
	Diameter x EA ø x EA	630 x 4	630 x 6	630 x 8	630 x 10	630 x 12
Receiver Capacity	lit	32	55	72	112	140
Cond. Pressure Control	HPC					
Components	Oil Separator, Receiver, Filter Drier, Sight Glass, Accumulator, Gauge					
Protection	DPS, Internal Overload Protector					
Suction Line	mm	66.68	66.68	101.6	101.6	101.6
Discharge Line	mm	41.28	41.28	66.68	79.38	79.38
Liquid Line	mm	28.58	28.58	34.92	34.92	34.92
Dimensions	Paint Color	N9.3				
	Length	mm	3,180	2,680	3,370	4,170
	Width	mm	1,018	1,950	1,950	1,950
	Height	mm	1,968	2,115	2,260	2,610
Anchor Dimensions (mm)		2,858 x 1,045	2,584 x 1,850	3,275 x 1,850	4,060 x 1,850	4,760 x 1,850

※ Condensing Temp : +50℃ ※ Evaporating Temp : -35℃

※ The specifications of this unit may be changed without notice to improve the performance of the product.



PRODUCT GUIDE

Capacity Table

Refrigeration capacity table 2-Stage Screw Compressor

— R404A / R507A Capacity 50Hz

Subcooling : 5K / Suction Superheat : 5K / ECO (kW)

Model	CT	Evaporating Temp (°C)					
		-60	-55	-50	-45	-40	-35
SAU030F-F27B	+50°C	10.7	14.0	18.0	22.6	28.0	34.4
SAU050F-F27B		19.6	25.7	32.9	41.4	51.3	63.0
SAU080F-F27B		28.6	37.4	47.9	60.2	74.8	91.7
SAU100F-F27B		38.8	50.8	65.0	81.8	101.6	124.6
SAU125F-F27B		47.8	62.6	80.1	100.9	125.2	153.6
SAU150F-F27B		56.8	74.4	95.2	119.9	148.8	182.5

— R22 Capacity 50Hz

Subcooling : 5K / Suction Superheat : 5K / ECO (kW)

Model	CT	Evaporating Temp (°C)					
		-60	-55	-50	-45	-40	-35
SAU030F-F27A	+50°C	9.4	12.5	16.1	20.3	25.4	31.3
SAU050F-F27A		17.2	22.8	29.4	37.3	46.5	57.4
SAU080F-F27A		25.1	33.2	42.9	54.3	67.8	83.6
SAU100F-F27A		34.1	45.1	58.2	73.8	92.1	113.6
SAU125F-F27A		42.0	55.6	71.7	90.9	113.5	140.0
SAU150F-F27A		50.0	66.1	85.3	108.1	134.9	166.4

1. If you need capacity at other condition, contact our engineer or use selection program.