

PRODUCT GUIDE

REU-SERIES

REMOTE AIR COOLED



Food processing, Warehouse refrigerator, Supermarket refrigeration

• REU□□□M-B17B

Standard Specifications 50Hz

R404A / R507A

Model		003M-B17B	005M-B17B	008M-B17B	010M-B17B	015M-B17B	020M-B17B	025M-B17B	030M-B17B	040M-B17B	050M-B17B
Refrigerant		R404A / R507A									
Evap. Temp Range		-25 ℃ ~ +10 ℃									
Power Supply		Main : 380V x 3PH x 50Hz Control : 220V x 1PH x 50Hz									
Capacity		10.7 kW	14.9 kW	22.2 kW	29.4 kW	40.7 kW	48.4 kW	62.8 kW	71.8 kW	104.0 kW	126.0 kW
Refrigeration Ton		1.64 RT	2.20 RT	3.27 RT	4.24 RT	5.91 RT	6.86 RT	8.99 RT	10.30 RT	15.46 RT	18.49 RT
Electric	Power Consumption	3.85 kW	5.12 kW	7.59 kW	9.75 kW	13.65 kW	16.19 kW	21.2 kW	24.5 kW	36.1 kW	44.8 kW
	Current Consumption	6.88 A	9.07 A	13.07 A	16.87 A	23.6 A	27.4 A	36.2 A	42.5 A	63.3 A	83.5 A
Compressors	Model	2DES-3	4FES-5	4DES-7	4VE-10	4PE-15	4NE-20	4HE-25	4GE-30	6GE-40	6FE-50
	Nominal Output	3 HP	5 HP	7.5 HP	10 HP	15 HP	20 HP	25 HP	30 HP	40 HP	50 HP
	Displacement m³/h	13.42	18.05	26.84	34.73	48.5	56.25	73.7	84.5	126.8	151.6
	Oil Quantity	1.5	2.0	2.0	2.6	2.6	2.6	4.5	4.5	4.75	4.75
	Crankcase Heater	120 W	120 W	120 W	120 W	120 W	120 W	140 W	140 W	140 W	140 W
Receiver	Quantity lit	3.7	14	8.4	13	27	27	43	43	51	74
	Dimensions ø x L	114 x 820	165 x 840	165 x 940	165 x 1,040	216 x 1,070	267 x 1,090	267 x 1,220	267 x 1,220	318 x 1,350	318 x 1,500
	Fusible Plug	72 ℃									
Cond, Pressure Control		HPC									
Components		Oil Separator, Receiver, Filter Drier, Sight Glass, Accumulator, Gauge									
Protection		DPS, OPS, Internal Overload Protector									
Suction Line	mm	22.22	22.22	28.58	28.58	41.28	41.28	53.98	53.98	53.98	53.98
Discharge Line	mm	12.7	12.7	22.22	22.22	28.58	28.58	28.58	28.58	34.92	41.28
Liquid Line	mm	9.52	12.7	15.88	15.88	22.22	22.22	22.22	22.22	28.58	28.58
Anchor Dimensions	mm	320 x 600	320 x 600	320 x 700	320 x 800	320 x 800	320 x 800	320 x 900	320 x 900	550 x 900	550 x 1,000
Condenser Type		V005	V008	V010	V015	V020	V025	V030	V040	V050	V060
Weight	kg	-	-	-	-	-	-	-	-	-	-

※ Condensing Temp : +50°C ※ Evaporating Temp : -35°C

※ 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 (kW)

Model	CT	Evaporating Temp (°C)							
		-30	-25	-20	-15	-10	-5	0	+5
REU003M-B17B	+50°C	1.82	2.52	3.37	4.40	5.62	7.07	8.77	10.77
REU005M-B17B		2.65	3.58	4.72	6.10	7.77	9.76	12.13	14.91
REU008M-B17B		3.90	5.27	6.97	9.03	11.52	14.51	18.05	22.24
REU010M-B17B		4.46	6.27	8.53	11.32	14.70	18.77	23.64	29.42
REU015M-B17B		6.00	8.49	11.62	15.48	20.18	25.86	32.66	40.74
REU020M-B17B		7.78	10.74	14.44	18.98	24.49	31.13	39.07	48.49
REU025M-B17B		10.79	14.78	19.68	25.60	32.71	41.15	51.14	62.89
REU030M-B17B		12.66	17.20	22.76	29.49	37.56	47.15	58.48	71.82
REU040M-B17B		18.57	25.26	33.39	43.17	54.83	68.64	84.91	104.00
REU050M-B17B		22.90	31.12	41.04	52.92	67.01	83.65	103.18	126.04

— R22 Capacity 50Hz

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

Model	CT	Evaporating Temp (°C)							
		-25	-20	-15	-10	-5	0	+5	+10
REU003M-B17A	+50°C	2.78	3.66	4.70	5.93	7.37	9.04	10.98	13.20
REU005M-B17A		3.64	4.83	6.25	7.94	9.92	12.24	14.93	18.02
REU008M-B17A		5.54	7.28	9.35	11.80	14.68	18.03	21.92	26.39
REU010M-B17A		7.02	9.51	12.47	15.98	20.11	24.92	30.50	36.92
REU015M-B17A		9.54	12.99	17.12	22.01	27.76	34.47	42.24	51.20
REU020M-B17A		11.60	15.63	20.45	26.15	32.85	40.66	49.70	60.11
REU025M-B17A		15.92	21.26	27.62	35.13	43.94	54.20	66.08	79.73
REU030M-B17A		18.79	24.95	32.28	40.93	51.08	62.89	76.54	92.25
REU040M-B17A		27.42	36.61	47.56	60.49	75.67	93.34	113.78	137.30
REU050M-B17A		33.44	44.47	57.59	73.09	91.27	112.43	136.90	165.05

— R134a Capacity 50Hz

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

Model	CT	Evaporating Temp (°C)							
		-25	-20	-15	-10	-5	0	+5	+10
REU003M-B17E	+50°C	1.40	2.02	2.76	3.67	4.75	6.02	7.53	9.29
REU005M-B17E		1.73	2.50	3.46	4.63	6.05	7.76	9.80	12.20
REU008M-B17E		2.81	3.97	5.42	7.18	9.31	11.86	14.89	18.48
REU010M-B17E		3.36	4.86	6.73	9.02	11.79	15.11	19.06	23.73
REU015M-B17E		4.48	6.56	9.16	12.35	16.20	20.83	26.34	32.85
REU020M-B17E		5.86	8.32	11.37	15.11	19.62	25.02	31.44	39.03
REU025M-B17E		8.06	11.52	15.72	20.75	26.74	33.80	42.11	51.81
REU030M-B17E		9.57	13.58	18.45	24.30	31.26	39.48	49.14	60.44
REU040M-B17E		14.63	20.42	27.46	35.92	46.00	57.93	71.97	88.40
REU050M-B17E		17.04	23.83	32.10	42.08	54.00	68.15	84.83	104.37

PRODUCT GUIDE

REU-SERIES

REMOTE AIR COOLED



Food processing, Warehouse refrigerator, Supermarket refrigeration

• REU□□□L-B17B

Standard Specifications 50Hz

R404A / R507A

Model		003L-B17B	005L-B17B	008L-B17B	010L-B17B	015L-B17B	020L-B17B	025L-B17B	030L-B17B	040L-B17B
Refrigerant		R404A / R507A								
Evap. Temp Range		-45 ℃ ~ -10 ℃								
Power Supply		Main : 380V x 3PH x 50Hz Control : 220V x 1PH x 50Hz								
Capacity		4.72 kW	6.96 kW	10.59 kW	11.69 kW	20.3 kW	23.9 kW	29.90 kW	35.90 kW	42.80 kW
Refrigeration Ton		2.20 RT	3.27 RT	5.04 RT	5.91 RT	8.99 RT	10.30 RT	13.48 RT	15.46 RT	18.49 RT
Electric	Power Consumption	3.54 kW	5.15 kW	7.54 kW	8.14 kW	14.03 kW	16.72 kW	20.70 kW	25.50 kW	30.30 kW
	Current Consumption	6.54 A	9.12 A	13.14 A	14.48 A	24.10 A	28.20 A	36.90 A	44.10 A	55.40 A
Compressors	Model	4FES-3	4DES-5	4TE-9	4PE-12	4HE-18	4GE-23	6HE-28	6GE-34	6FE-44
	Nominal Output	3.0 HP	5.0 HP	7.5 HP	10 HP	15 HP	20 HP	25 HP	30 HP	40 HP
	Displacement m³/h	18.05	26.84	41.33	48.50	73.70	84.50	110.50	126.80	151.60
	Oil Quantity	2.0	2.0	2.6	2.6	4.0	4.5	4.75	4.75	4.75
	Crankcase Heater	120 W	120 W	120 W	120 W	140 W	140 W	140 W	140 W	140 W
Receiver	Quantity lit	3.4	6.5	8.4	13	27	27	43	43	51
	Dimensions ø x L	114 x 820	165 x 840	165 x 940	165 x 1,040	216 x 1,070	267 x 1,090	267×1,220	267×1,220	318×1,500
	Fusible Plug	72 ℃								
Cond, Pressure Control		HPC								
Components		Oil Separator, Receiver, Filter Drier, Sight Glass, Accumulator, Gauge								
Protection		DPS, OPS, Internal Overload Protector								
Suction Line	mm	22.22	28.58	34.92	34.92	41.28	53.98	53.98	53.98	53.98
Discharge Line	mm	15.88	22.22	28.58	28.58	28.58	28.58	34.92	34.92	41.28
Liquid Line	mm	12.7	12.7	15.88	15.88	19.05	19.05	22.22	28.58	34.92
Anchor Dimensions	mm	320 x 600	320 x 600	320 x 700	320 x 800	320 x 800	320 x 800	320×900	320×900	550×1,000
Condenser Type		V005	V008	V010	V015	V020	V025	V030	V030	V040
Weight	kg	-	-	-	-	-	-	-	-	-

※ Condensing Temp : +50°C ※ Evaporating Temp : -35°C

※ 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 (kW)

Model	CT	Evaporating Temp (°C)							
		-45	-40	-35	-30	-25	-20	-15	-10
REU003L-B17B	+50°C	0.88	1.33	1.91	2.65	3.58	4.72	6.11	7.78
REU005L-B17B		1.28	1.94	2.80	3.90	5.27	6.97	9.03	11.53
REU008L-B17B		1.57	2.59	3.94	5.67	7.86	10.59	13.93	17.98
REU010L-B17B		1.42	2.55	4.07	6.04	8.55	11.69	15.57	20.28
REU015L-B17B		3.49	5.50	8.08	11.34	15.38	20.31	26.28	33.42
REU020L-B17B		4.60	6.92	9.88	13.61	18.22	23.85	30.65	38.77
REU025L-B17B		5.07	8.05	11.88	16.69	22.65	29.92	38.70	49.21
REU030L-B17B		7.14	10.69	15.18	20.76	27.60	35.88	45.81	57.62
REU040L-B17B		7.56	12.02	17.59	24.43	32.77	42.80	54.78	68.97

— R22 Capacity 50Hz

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

Model	CT	Evaporating Temp (°C)							
		-45	-40	-35	-30	-25	-20	-15	-10
REU003L-B17A	+50°C	-	-	1.84	2.65	3.64	4.83	6.25	7.94
REU005L-B17A		-	-	2.92	4.10	5.54	7.28	9.35	11.80
REU007L-B17A		-	2.91	4.55	6.53	8.92	11.68	15.23	19.43
REU010L-B17A		-	3.35	5.26	7.57	10.35	12.99	17.12	22.01
REU015L-B17A		-	4.96	7.82	11.31	15.56	21.05	27.18	34.45
REU020L-B17A		-	5.79	9.11	13.16	18.08	25.51	32.61	41.03
REU025L-B17A		-	7.44	11.72	16.95	23.33	32.46	41.70	52.66
REU030L-B17A		-	8.68	13.67	19.74	27.11	37.58	48.20	60.79
REU040L-B17A		-	10.89	16.85	24.06	32.77	45.67	58.40	73.49

— R22 Capacity 50Hz

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

Model	CT	Evaporating Temp (°C)							
		-45	-40	-35	-30	-25	-20	-15	-10
REU003L-B17Z	+50°C	-	1.07	1.71	2.52	3.55	4.83	6.40	8.29
REU005L-B17Z		-	1.46	2.36	3.52	5.00	6.84	9.08	11.80
REU007L-B17Z		-	1.75	3.16	5.03	7.78	10.76	14.33	18.60
REU010L-B17Z		-	1.74	3.30	5.38	8.39	11.84	16.01	20.98
REU015L-B17Z		-	3.80	6.55	10.09	15.11	20.54	27.08	34.89
REU020L-B17Z		-	4.78	7.99	12.10	18.09	24.37	31.93	40.93
REU025L-B17Z		-	5.57	9.62	14.85	22.63	30.73	40.52	52.21
REU030L-B17Z		-	7.35	12.28	18.48	26.30	35.60	46.84	60.27
REU040L-B17Z		-	8.27	14.20	21.70	32.24	43.37	56.82	72.89

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

PRODUCT GUIDE

REU-SERIES

REMOTE AIR COOLED



Food processing, Warehouse refrigerator, Supermarket refrigeration

• REU□□□F-B27B

Standard Specifications 50Hz

R404A / R507A

Model		008F-B27B	010F-B27B	015F-B27B	020F-B27B	025F-B27B	030F-B27B
Refrigerant		R404A / R507A					
Evap. Temp Range		-50 °C ~ -25 °C					
Power Supply		Main : 380V x 3PH x 50Hz Control : 220V x 1PH x 50Hz					
Capacity		7.80 kW	12.16 kW	16.99 kW	19.55 kW	22.28 kW	26.30 kW
Refrigeration Ton		2.46 RT	3.71 RT	4.50 RT	5.22 RT	5.98 RT	7.14 RT
Electric	Power Consumption	6.90 kW	10.44 kW	14.68 kW	17.01 kW	19.53 kW	23.30 kW
	Current Consumption	11.57 A	17.94 A	24.20 A	28.00 A	32.40 A	39.10 A
Compressors	Model	S4N-8.2	S4G-12.2	S6J-16.2	S6H-20.2	S6G-25.2	S6F-30.2
	Nominal Output	7.5 HP	10 HP	15 HP	20 HP	25 HP	30 HP
	Displacement m³/h	28.00 / 17.90	42.30 / 27.00	63.50 / 31.80	73.60 / 36.90	84.50 / 42.30	101.10 / 50.50
	Oil Quantity	3.0	4.5	4.75	4.57	4.75	4.75
	Crankcase Heater	100 W	140 W	140 W	140 W	140 W	140 W
Receiver	Quantity lit	8.4	13	27	43	51	51
	Dimensions ø x L	165 x 940	165 x 1040	216 x 1070	267 x 1090	267×1220	267×1220
	Fusible Plug	72 °C					
Cond, Pressure Control		HPC					
Components		Oil Separator, Receiver, Filter Drier, Sight Glass, Accumulator, Gauge					
Protection		DPS, OPS, Internal Overload Protector					
Suction Line	mm	28.58	34.92	41.28	41.28	41.28	41.28
Discharge Line	mm	22.22	28.58	34.92	34.92	34.92	34.92
Liquid Line	mm	15.88	15.88	22.22	22.22	22.22	22.22
Anchor Dimensions	mm	320 x 700	320 x 800	320 x 800	320 x 800	320×900	320×900
Condenser Type		V008	V010	V015	V020	V020	V025
Weight	kg	-	-	-	-	-	-

※ Condensing Temp : +50°C ※ Evaporating Temp : -35°C

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



PRODUCT GUIDE

Capacity Table

2-Stage Compressor

— R404A / R507A Capacity 50Hz

SUB COOLER

Subcooling : 0K / Suction Superheat : 10K (kW)

Model	CT	Evaporating Temp (°C)					
		-50	-45	-40	-35	-30	-25
REU005F-B27A	+50°C	2.70	3.49	4.42	5.51	6.79	8.28
REU008F-B27A		3.85	4.97	6.28	7.80	9.59	11.66
REU010F-B27A		6.30	8.01	9.95	12.16	14.66	17.45
REU015F-B27A		8.94	11.28	13.95	16.99	20.43	24.30
REU020F-B27A		10.32	13.01	16.07	19.55	23.48	27.89
REU025F-B27A		11.79	14.85	18.33	22.28	26.74	31.75
REU030F-B27A		14.01	17.61	21.68	26.30	31.53	37.39

— R22 Capacity 50Hz

SUB COOLER

Subcooling : 0K / Suction Superheat : 10K (kW)

Model	CT	Evaporating Temp (°C)					
		-50	-40	-35	-30	-25	-20
PAU005F-B27A	+50°C	-	3.88	4.94	6.15	7.53	9.08
PAU008F-B27A		-	5.55	7.09	8.82	10.77	12.96
PAU010F-B27A		-	8.38	10.71	13.33	16.27	19.58
PAU015F-B27A		-	12.78	16.16	19.88	24.05	28.75
PAU020F-B27A		-	14.81	18.73	23.05	27.88	33.33
PAU025F-B27A		-	17.00	21.50	26.46	32.00	38.26
PAU030F-B27A		-	20.34	25.72	31.66	38.29	45.78