

PRODUCT GUIDE

WEU-SERIES

REMOTE AIR COOLED



Food processing, Warehouse refrigerator, Supermarket refrigeration

• WEU□□□L-BN7B

Standard Specifications 50Hz / ECO

R404A / R507A

Model	020L-BN7B	025L-BN7B	030L-BN7B	040L-BN7B	050L-BN7B	060L-BN7B	070L-BN7B	075L-BN7B
Refrigerant	R404A / R507A							
Evap.Temp Range	-55 °C ~ -25 °C							
Power Supply	Main : 380V x 3PH x 50Hz Control : 220V x 1PH x 50Hz							
Cond. Temp	+42 °C							
Evap. Temp	-15 °C							
Suct. Gas Superheat	10 K							
Capacity	53 kW	61.7 kW	70.4 kW	84.9 kW	96.3 kW	118.4 kW	134.2 kW	140.1 kW
Refrigeration Ton	10.2 RT	12.2 RT	14.4 RT	17 RT	20.1 RT	23.4 RT	26.8 RT	30.5 RT
Electric	Power Consumption	27.4 kW	31.2 kW	35.3 kW	39.4 kW	48 kW	56.3 kW	61.2 kW
	Current Consumption	45.4 A	48.2 A	54.4 A	64.0 A	76.3 A	89.8 A	97.3 A
Compressors	Model	HSN5343-20	HSN5353-25	HSN5363-30	HSN6451-40	HSN6461-50	HSN7451-60	HSN7461-70
	Nominal Output	20 HP	25 HP	30 HP	40 HP	50 HP	60 HP	70 HP
	Displacement	84 m ³ /h	100 m ³ /h	118 m ³ /h	140 m ³ /h	165 m ³ /h	192 m ³ /h	220 m ³ /h
	Operating	48.0 A	52 A	58 A	65 A	79 A	98 A	124 A
	Starting Current	129 / 201 A	126 / 218 A	153 / 266 A	187 / 313 A	206 / 355 A	267 / 449 A	290 / 485 A
Condenser	Type	SHELL & TUBE						
	Cooling Water IN/OUT Temp	IN 32 °C OUT 37 °C SF : 0.0002						
	Quantity	230 LPM	266 LPM	303 LPM	356 LPM	414 LPM	501 LPM	560 LPM
	Cooling Water IN/OUT Connections	65 A	65 A	65 A	80 A	80 A	80 A	100 A
	Components	Oil Separator, Receiver, Filter Drier, Sight Glass, Accumulator, Gauge						
	Protection	Pressure S / W, Phase Controller, Motor Internal, Oil S / W, Safety Valve						
	Suction Line	mm	53.98	53.98	53.98	53.98	79.38	79.38
	Discharge Line	mm	41.28	41.28	41.28	41.28	53.98	53.98
	Liquid Line	mm	22.22	22.22	22.22	28.58	28.58	23.58

※ Condensing Temp) : +42°C ※ Evaporating Temp : -15°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

— R404A / R507A Capacity 50Hz

Subcooling : 5K / Suction Superheat : 10K / ECO (kW)

Model	CT	Evaporating Temp (°C)						
		-45	-40	-35	-30	-25	-20	-15
WEU020L-BN7B	+42°C	14.35	18.94	24.20	30.10	36.90	44.50	53.00
WEU025L-BN7B		17.16	22.50	28.50	35.40	43.20	51.90	61.70
WEU030L-BN7B		20.60	26.50	33.20	40.90	49.60	59.40	70.40
WEU040L-BN7B		24.60	31.60	39.70	49.00	59.50	71.50	84.90
WEU050L-BN7B		28.90	36.80	45.90	56.20	68.00	81.30	96.30
WEU060L-BN7B		33.40	43.20	54.50	67.50	82.30	99.20	118.40
WEU070L-BN7B		39.10	50.10	62.70	77.20	93.80	112.70	134.20
WEU075L-BN7B		42.10	53.40	66.30	81.20	98.30	117.80	140.10

— R22 Capacity 50Hz

Subcooling : 5K / Suction Superheat : 10K / ECO (kW)

Model	CT	Evaporating Temp (°C)						
		-45	-40	-35	-30	-25	-20	-15
WEU020L-BN7A	+42°C	12.53	16.72	21.60	27.20	33.50	40.80	48.90
WEU025L-BN7A		15.47	20.30	25.90	32.40	39.80	48.10	57.50
WEU030L-BN7A		18.25	23.90	30.50	38.00	46.50	56.10	66.90
WEU040L-BN7A		20.80	27.30	34.90	43.60	53.50	64.70	77.20
WEU050L-BN7A		25.00	32.70	41.60	51.80	63.30	76.40	91.10
WEU060L-BN7A		29.10	38.70	49.80	62.60	77.30	93.90	112.70
WEU070L-BN7A		34.30	44.90	57.20	71.30	87.30	105.50	126.00
WEU075L-BN7A		37.50	48.90	62.10	77.10	94.30	113.70	135.60

PRODUCT GUIDE

WEU-SERIES

REMOTE AIR COOLED



Food processing, Warehouse refrigerator, Supermarket refrigeration

• WEU□□□M-BK7B

Standard Specifications 50Hz / ECO

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						
Cond. Temp	+42 °C						
Evap. Temp	-5 °C						
Suct. Gas Superheat	10 K						
Capacity	53.6 kW	76.9 kW	93.8 kW	112.8 kW	136.7 kW	156.1 kW	171 kW
Refrigeration Ton	10.2 RT	14.4 RT	17 RT	20.1 RT	23.4 RT	26.8 RT	30.4 RT
Electric	Power Consumption	22.9 kW	31.5 kW	36.0 kW	45.4 kW	53.5 kW	66.5 kW
	Current Consumption	35.8 A	49.4 A	58.2 A	73.5 A	85.8 A	111.9 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	84 m ³ /h	118 m ³ /h	140 m ³ /h	165 m ³ /h	192 m ³ /h	220 m ³ /h
	Operating	52 A	66 A	79 A	98 A	124 A	144 A
	Starting Current	126 / 218 A	182 / 311 A	206 / 355 A	267 / 449 A	290 / 485 A	350 / 585 A
Condenser	Type	SHELL & TUBE					
	Cooling Water IN/OUT Temp	IN 32 °C OUT 37 °C SF : 0.0002					
	Quantity	219 LPM	311 LPM	372 LPM	454 LPM	545 LPM	619 LPM
	Cooling Water IN/OUT Connections	65 A	65 A	80 A	80 A	100 A	100 A
	Components	Oil Separator, Receiver, Filter Drier, Sight Glass, Accumulator, Gauge					
	Protection	Pressure S / W, Phase Controller, Motor Internal, Oil S / W, Safety Valve					
	Suction Line	mm	53.98	53.98	53.98	53.98	79.38
	Discharge Line	mm	41.28	41.28	41.28	41.28	53.98
	Liquid Line	mm	22.22	28.58	28.58	28.58	34.92

※ Condensing Temp) : +42°C ※ Evaporating Temp : -5°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

— R404A / R507A Capacity 50Hz

Subcooling : 5K / Suction Superheat : 10K / ECO (kW)

Model	CT	Evaporating Temp (°C)					
		-20	-15	-10	-5	0	+5
WEU030M-BK7B	+42°C	28.00	35.20	43.70	53.60	65.30	78.80
WEU040M-BK7B		40.30	50.60	62.70	76.90	93.40	112.60
WEU050M-BK7B		49.30	61.80	76.50	93.80	113.90	137.40
WEU060M-BK7B		59.10	74.30	92.00	112.80	137.00	165.00
WEU070M-BK7B		71.40	89.70	111.30	136.70	166.40	201.00
WEU080M-BK7B		82.30	103.00	127.40	156.10	189.60	229.00
WEU090M-BK7B		89.80	112.70	139.50	171.00	208.00	250.00

— R22 Capacity 50Hz

Subcooling : 5K / Suction Superheat : 10K / ECO (kW)

Model	CT	Evaporating Temp (°C)					
		-20	-15	-10	-5	0	+5
WEU030M-BK7A	+42°C	29.70	37.10	45.70	55.70	67.20	80.30
WEU040M-BK7A		42.20	52.80	65.00	78.90	94.90	113.00
WEU050M-BK7A		48.70	60.90	75.10	91.60	110.50	132.20
WEU060M-BK7A		59.10	74.00	91.10	110.70	133.00	158.40
WEU070M-BK7A		73.20	91.40	112.50	137.00	165.10	197.30
WEU080M-BK7A		81.40	101.70	125.30	152.60	184.10	220.00
WEU090M-BK7A		89.90	112.40	138.30	167.90	202.00	240.00

PRODUCT GUIDE

WEU-SERIES

REMOTE AIR COOLED



Food processing. Livestock and Seafood Refrigerator, blast freezer system.

• WEU□□□F-F27B

Standard Specifications 50Hz / ECO

R404A / R507A

Model		030F-F27B	050F-F27B	080F-F27B	100F-F27B	125F-F27B	150F-F27B
Refrigerant		R404A / R507A					
Evap.Temp Range		-65 °C ~ -30 °C					
Power Supply		Main : 380V x 3PH x 50Hz Control : 220V x 1PH x 50Hz					
Cond. Temp		+42 °C					
Evap. Temp		-35 °C					
Suct. Gas Superheat		10 K					
Capacity		35.7 kW	65.4 kW	95.3 kW	129.4 kW	159.5 kW	189.6 kW
Refrigeration Ton		7.26 RT	15.09 RT	20.56 RT	24.56 RT	30.78 RT	36.63 RT
Electric	Power Consumption	25.4 kW	44.6 kW	65.2 kW	88.4 kW	109 kW	130.2 kW
	Current Consumption	43.3 A	74 A	110 A	153.4 A	186.1 A	222.2 A
	Model	SRT218	SRT314	SRT321	SRT324	SRT413	SRT415
Compressors	Nominal Output	30 HP	50 HP	75 HP	100 HP	125 HP	150 HP
	Displacement L / H	120 / 50 m³/h	222 / 106 m³/h	320 / 143 m³/h	430 / 167 m³/h	530 / 210 m³/h	630 / 250 m³/h
Condenser	Type	SHELL & TUBE					
	Cooling Water IN/OUT Temp	IN 32 °C OUT 37 °C SF : 0.0002					
	Quantity	175 LPM	315 LPM	460 LPM	624 LPM	770 LPM	917 LPM
	Cooling Water IN/OUT Connections	50 A	65 A	80 A	100 A	100 A	125 A
Dimension		318 x 2,000	318 x 2,000	318 x 2,400	318 x 2,400	318 x 2,400	406 x 2,600
Components		Oil Separator, Receiver, Filter Drier, Sight Glass, Accumulator, Gauge					
Protection		Pressure S / W, Phase Controller, Motor Internal, Oil S / W, Safety Valve					
Suction Line	mm	66.68	66.68	101.6	101.6	101.6	101.6
Discharge Line	mm	41.28	41.28	66.68	66.68	79.38	79.38
Liquid Line	mm	22.22	28.58	34.92	34.92	34.92	34.92
Anchor Dimensions (mm)		1,200 x 600	1,200 x 600	1,500 x 600	1,500 x 600	1,500 x 600	1,500 x 800
Weight (kg)		-	-	-	-	-	-

※ Condensing Temp) : +42°C ※ Evaporating Temp : -5°C

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PRODUCT GUIDE

Capacity Table

Refrigeration capacity table

— R404A / R507A Capacity 50Hz

Subcooling : 5K / Suction Superheat : 10K / ECO (kW)

Model	CT	Evaporating Temp (°C)						
		-60	-55	-50	-45	-40	-35	-30
WEU030L-F27B	+40°C	11.2	14.7	18.7	23.6	29.3	36.0	-
WEU050L-F27B		20.6	26.8	34.3	43.2	53.7	65.9	-
WEU080L-F27B		30.0	39.1	50.0	63.0	78.2	96.0	-
WEU100L-F27B		40.8	53.1	68.0	85.6	106.3	130.4	-
WEU125L-F27B		50.3	65.5	83.8	105.5	131.0	160.8	-
WEU150L-F27B		59.7	77.9	99.6	125.4	155.7	191.1	-

— R22 Capacity 50Hz

Subcooling : 5K / Suction Superheat : 10K / ECO (kW)

Model	CT	Evaporating Temp (°C)						
		-60	-55	-50	-45	-40	-35	-30
WEU030F-F27A	+40°C	9.7	12.8	16.4	20.8	26.0	32.0	-
WEU050F-F27A		17.8	23.4	30.1	38.1	47.5	58.7	-
WEU080F-F27A		25.9	34.1	43.8	55.5	69.3	85.5	-
WEU100F-F27A		35.3	46.3	59.5	75.4	94.1	116.1	-
WEU125F-F27A		43.4	57.0	73.4	92.9	116.0	143.1	-
WEU150F-F27A		51.6	67.8	87.2	110.4	137.9	170.1	-