

AIR-COOLED CONDENSING UNITS

1/2-6 HP Indoor and Outdoor Models

Technical Guide



Features & Benefits

Cabinet & Construction

- HyperCore™ microchannel coil technology standard on all units
- Painted steel cabinets for superior strength and corrosion protection
- Heavy duty steel raised base with 1-1/2" legs
- Fan guards and wiring conduit on indoor models

Serviceability

- Suction service valves for hermetic and scroll compressors located outside the cabinet for quick installations. Semi-hermetic compressor models have a suction valve on the compressor and an access fitting on the suction line entering the cabinet.
- Receiver with fusible plug, liquid shutoff valve and charging port is standard
- Large electrical panel for ease of access
- Prefabricated wiring harnesses for tight crimp connections and consistent labeling
- Unit stays on if the hood is removed for servicing
- Sight glass is easily viewable

Quality

- All units are completely leak tested in a helium environment, bump tested and allowed to cycle off on the high and low pressure control. Each unit has a copy of the run data shipped inside the electrical panel
- Electrical circuits are completely checked for continuity
- Piping is laid out to minimize stress and vibration and is pre-bent to eliminate leaks
- Encapsulated, auto-reset, high and low pressure controls to eliminate leaks (standard on all high and medium temperature models, adjustable low pressure control standard on low temperature models)

Components

Fan

- Specifically matched with motor and coil to attain maximum air movement and cooling

Motor

- Rated for 50 and 60 cycle application
- Standard PSC or optional Variable Speed EC (VSEC) with Orbus™ Controller

Compressor

- Wide variety of compressors including: hermetic, semi-hermetic and scroll, R-22 and R-404A/507 available for both medium and low temperature applications
- Spring-mounted compressors with vibration eliminators on all 1-1/2 to 6 HP semi-hermetic compressors; 1/2 to 1 HP compressors are rigid mounted and have a discharge loop
- Discharge service valves come standard on all units including hermetics



Typical Outdoor Hermetic Unit



Typical Outdoor Unit with throwaway liquid-line filter and sight glass



Typical Outdoor Hermetic Unit with liquid filter drier and sight glass

SCROLL COMPRESSORS

Performance Data - Low Temperature (R-404A/507)

R-404A/507 Model	Compressor	Capacity BTUH @ 90°F Ambient Suction Temperature						
		0°F	-10°F	-15°F	-20°F	-25°F	-30°F	-40°F
BZ*020L6	ZF06K4E	11,970	9,920	8,940	8,010	7,130	6,310	4,900
BZ*025L6	ZF08K4E	14,880	12,320	11,120	9,960	8,890	7,900	6,230
BZ*030L6	ZF09K4E	16,540	13,730	12,400	11,130	9,930	8,840	6,980
BZ*035L6	ZF11K4E	19,800	16,490	14,910	13,420	12,000	10,710	8,530
BZ*045L6	ZF13K4E	24,720	20,360	18,300	16,410	14,570	12,840	9,800
BZ*055L6	ZF15K4E	29,950	24,730	22,260	20,010	17,820	15,800	12,440
BZ*060L6	ZF18K4E	36,360	30,140	27,160	24,330	21,680	19,240	15,100

R-404A/507 Model	Compressor	Capacity BTUH @ 95°F Ambient Suction Temperature						
		0°F	-10°F	-15°F	-20°F	-25°F	-30°F	-40°F
BZ*020L6	ZF06K4E	11,510	9,540	8,600	7,700	6,860	6,070	4,710
BZ*025L6	ZF08K4E	14,310	11,850	10,690	9,580	8,550	7,600	5,990
BZ*030L6	ZF09K4E	15,900	13,200	11,920	10,700	9,550	8,500	6,710
BZ*035L6	ZF11K4E	19,040	15,860	14,340	12,900	11,540	10,300	8,200
BZ*045L6	ZF13K4E	23,740	19,490	17,590	15,690	13,880	12,210	9,360
BZ*055L6	ZF15K4E	28,870	23,820	21,550	19,260	17,390	15,160	11,910
BZ*060L6	ZF18K4E	34,960	28,970	26,120	23,390	20,850	18,500	14,520

R-404A/507 Model	Compressor	Capacity BTUH @ 100°F Ambient Suction Temperature						
		0°F	-10°F	-15°F	-20°F	-25°F	-30°F	-40°F
BZ*020L6	ZF06K4E	11,050	9,160	8,260	7,390	6,590	5,830	4,520
BZ*025L6	ZF08K4E	13,740	11,380	10,260	9,200	8,210	7,300	5,750
BZ*030L6	ZF09K4E	15,260	12,670	11,440	10,270	9,170	8,160	6,440
BZ*035L6	ZF11K4E	18,280	15,230	13,770	12,380	11,080	9,890	7,870
BZ*045L6	ZF13K4E	22,780	18,740	16,770	14,910	13,180	11,780	8,890
BZ*055L6	ZF15K4E	27,800	23,060	20,700	18,490	16,980	14,770	11,390
BZ*060L6	ZF18K4E	33,560	27,810	25,080	22,450	20,010	17,760	13,950

R-404A/507 Model	Compressor	Capacity BTUH @ 110°F Ambient Suction Temperature						
		0°F	-10°F	-15°F	-20°F	-25°F	-30°F	-40°F
BZ*020L6	ZF06K4E	10,130	8,400	7,570	6,780	6,040	5,340	4,140
BZ*025L6	ZF08K4E	12,590	10,430	9,410	8,430	7,520	6,690	5,270
BZ*030L6	ZF09K4E	13,990	11,620	10,490	9,420	8,400	7,480	5,900
BZ*035L6	ZF11K4E	16,760	13,960	12,620	11,350	10,160	9,060	7,220
BZ*045L6	ZF13K4E	20,980	16,960	15,120	13,390	11,790	10,910	8,460
BZ*055L6	ZF15K4E	25,790	21,200	19,030	16,980	15,100	14,000	10,340
BZ*060L6	ZF18K4E	30,770	25,490	22,990	20,580	18,340	16,270	12,780

* = T for Outdoor, N for Indoor, B for Bohnmizer, S for Beacon II™

NOTE: The ZF compressor comes with liquid injection.

SCROLL COMPRESSORS

Unit Specifications

Model	Fig. ++	Compressor	Connections (ID)		Receiver 90% Full Lbs.	Fan(s)	Dimensions			Net Wt. Lbs.	Sound Data dBA†
			Liquid	Suction			D (In.)	W (In.)	H (In.)		
BZ*020M6	C	ZS15K4E	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	209	71
BZ*025M6	C	ZS19K4E	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	218	73
BZ*030M6	D	ZS21K4E	1/2	7/8	20	1	30-1/4	42-1/2	29-3/4	287	72
BZ*035M6	D	ZS26K4E	1/2	7/8	20	1	30-1/4	42-1/2	29-3/4	290	74
BZ*045M6	D	ZS30K4E	1/2	1-1/8	20	1	30-1/4	42-1/2	29-3/4	317	73
BZ*055M6	D	ZS38K4E	1/2	1-1/8	20	1	30-1/4	42-1/2	29-3/4	317	74
BZ*060M6	D	ZS45K43	1/2	1-1/8	20	1	30-1/4	42-1/2	29-3/4	317	76
BZ*020L6	C	ZF06K4E	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	209	71
BZ*025L6	C	ZF08K4E	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	218	73
BZ*030L6	C	ZF09K4E	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	218	71
BZ*035L6	C	ZF11K4E	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	217	73
BZ*045L6	D	ZF13K4E	1/2	1-1/8	20	1	30-1/4	42-1/2	29-3/4	307	73
BZ*055L6	D	ZF15K4E	1/2	1-1/8	20	1	30-1/4	42-1/2	29-3/4	313	74
BZ*060L6	D	ZF18K4E	1/2	1-1/8	20	1	30-1/4	42-1/2	29-3/4	317	76

* = T for Outdoor, N for Indoor, B for Bohnmizer, S for Beacon II™

++ = See Dimensional Drawings for details. † = Estimated sound pressure values are 10 feet from the unit. For estimating sound pressure from the unit at different distances, deduct the following from the unit values: 20 feet, deduct 6 dBA for 40 feet, deduct 12 dBA for 80 feet, deduct 18 dBA. This data is typical of "free field" conditions for horizontal air cooled condensing units at the outlet of the discharge air. The actual sound measurements may vary depending on the condensing unit installation. Factors such as reflecting walls, background noise and mounting conditions may have a significant influence on this data.

SCROLL COMPRESSORS - Electrical Data

Model Number	Part Number	Power Supply			Compressor		Fan Motor			MCA		MOPD		Evap. Fan Amps	Defrost Heater Amps
		Volts	Ph	Hz†	RLA	LRA	Qty.	HP	FLA	Air	Elec.	Air	Elec.		
BZ*020M6B	ZS15K4E-PFV	208-230	1	60	12.2	61.0	2	1/15	1.0	20	38	25	40	12.0	30
BZ*020M6C	ZS15K4E-TF5	208-230	3	60	8.3	55.0	2	1/15	1.0	15	24	15	25	9.0	19
BZ*020M6D	ZS15K4E-TFD	460	3	60	3.8	27.0	2	1/15	1.0	15	24	15	25	^	^
BZ*025M6B	ZS19K4E-PFV	208-230	1	60	14.7	73.0	2	1/15	1.0	20	38	30	45	12.0	30
BZ*025M6C	ZS19K4E-TF5	208-230	3	60	8.7	63.0	2	1/15	1.0	15	29	20	30	11.0	23
BZ*025M6D	ZS19K4E-TFD	460	3	60	4.5	31.0	2	1/15	1.0	15	24	15	25	^	^
BZ*030M6B	ZS21K4E-PFV	208-230	1	60	14.7	88.0	1	1/3	3.5	22	38	35	45	12.0	30
BZ*030M6C	ZS21K4E-TF5	208-230	3	60	9.9	77.0	1	1/3	3.5	20	38	25	40	12.0	30
BZ*030M6D	ZS21K4E-TFD	460	3	60	5.1	39.0	1	1/3	1.9	15	24	15	25	^	^
BZ*035M6B	ZS26K4E-PFV	208-230	1	60	18.6	109.0	1	1/3	3.5	27	39	45	50	12.0	30
BZ*035M6C	ZS26K4E-TF5	208-230	3	60	12.2	88.0	1	1/3	3.5	20	38	30	40	12.0	30
BZ*035M6D	ZS26K4E-TFD	460	3	60	6.4	44.0	1	1/3	1.9	15	24	15	25	^	^
BZ*045M6B	ZS30K4E-PFV	208-230	1	60	24.0	129.0	1	1/3	3.5	34	59	50	60	11.0	47
BZ*045M6C	ZS30K4E-TF5	208-230	3	60	13.5	99.0	1	1/3	3.5	20	44	30	45	12.0	35
BZ*045M6D	ZS30K4E-TFD	460	3	60	7.4	49.5	1	1/3	1.9	15	29	15	30	11.0	23
BZ*055M6B	ZS38K4E-PFV	208-230	1	60	28.8	169.0	1	1/3	3.5	40	59	50	60	12.0	47
BZ*055M6C	ZS38K4E-TF5	208-230	3	60	19.2	123.0	1	1/3	3.5	28	44	45	50	12.0	35
BZ*055M6D	ZS38K4E-TFD	460	3	60	8.7	62.0	1	1/3	1.9	15	29	20	30	10.0	23
BZ*060M6C	ZS45K4E-TF5	208-230	3	60	21.5	156.0	1	1/3	3.5	30	44	50	60	12.0	35
BZ*060M6D	ZS45K4E-TFD	460	3	60	8.3	70.0	1	1/3	1.9	15	29	20	30	10.6	23
BZ*020L6B	ZF06K4E-PFV	208-230	1	60	12.2	61.0	2	1/15	1.0	20	38	25	40	12.0	30
BZ*020L6C	ZF06K4E-TF5	208-230	3	60	8.3	55.0	2	1/15	1.0	15	24	15	25	9.0	19
BZ*020L6D	ZF06K4E-TFD	460	3	60	3.8	27.0	2	1/15	1.0	15	24	15	25	^	^
BZ*025L6B	ZF08K4E-PFV	208-230	1	60	14.7	73.0	2	1/15	1.0	20	38	30	45	12.0	30
BZ*025L6C	ZF08K4E-TF5	208-230	3	60	8.7	63.0	2	1/15	1.0	15	29	20	30	11.0	23
BZ*025L6D	ZF08K4E-TFD	460	3	60	4.5	31.0	2	1/15	1.0	15	24	15	25	^	^
BZ*030L6B	ZF09K4E-PFV	208-230	1	60	14.7	88.0	2	1/15	1.0	20	38	30	45	12.0	30
BZ*030L6C	ZF09K4E-TF5	208-230	3	60	9.9	77.0	2	1/15	1.0	15	24	20	25	6.0	19
BZ*030L6D	ZF09K4E-TFD	460	3	60	5.1	39.0	2	1/15	1.0	15	15	15	15	^	^
BZ*035L6B	ZF11K4E-PFV	208-230	1	60	18.6	109.0	2	1/15	1.0	24	38	40	50	12.0	30
BZ*035L6C	ZF11K4E-TF5	208-230	3	60	12.2	88.0	2	1/15	1.0	20	29	25	30	6.0	23
BZ*035L6D	ZF11K4E-TFD	460	3	60	6.4	44.0	2	1/15	1.0	15	15	15	15	^	^
BZ*045L6B	ZF13K4E-PFV	208-230	1	60	24.0	129.0	1	1/3	3.5	34	45	50	60	11.0	30
BZ*045L6C	ZF13K4E-TF5	208-230	3	60	13.5	99.0	1	1/3	3.5	20	38	30	40	11.0	30
BZ*045L6D	ZF13K4E-TFD	460	3	60	7.4	49.5	1	1/3	1.9	15	24	15	25	9.0	19
BZ*055L6B	ZF15K4E-PFV	208-230	1	60	28.8	169.0	1	1/3	3.5	40	50	50	60	10.0	30
BZ*055L6C	ZF15K4E-TF5	208-230	3	60	19.2	123.0	1	1/3	3.5	28	40	45	50	10.0	30
BZ*055L6D	ZF15K4E-TFD	460	3	60	8.7	62.0	1	1/3	1.9	15	24	20	25	8.0	19
BZ*060L6C	ZF18K4E-TF5	208-230	3	60	21.5	156.0	1	1/3	3.5	30	44	50	60	12.0	35
BZ*060L6D	ZF18K4E-TFD	460	3	60	8.3	70.0	1	1/3	1.9	15	29	20	30	11.0	23

* = T for Outdoor, N for Indoor, B for Bohnmizer, S for Beacon II™

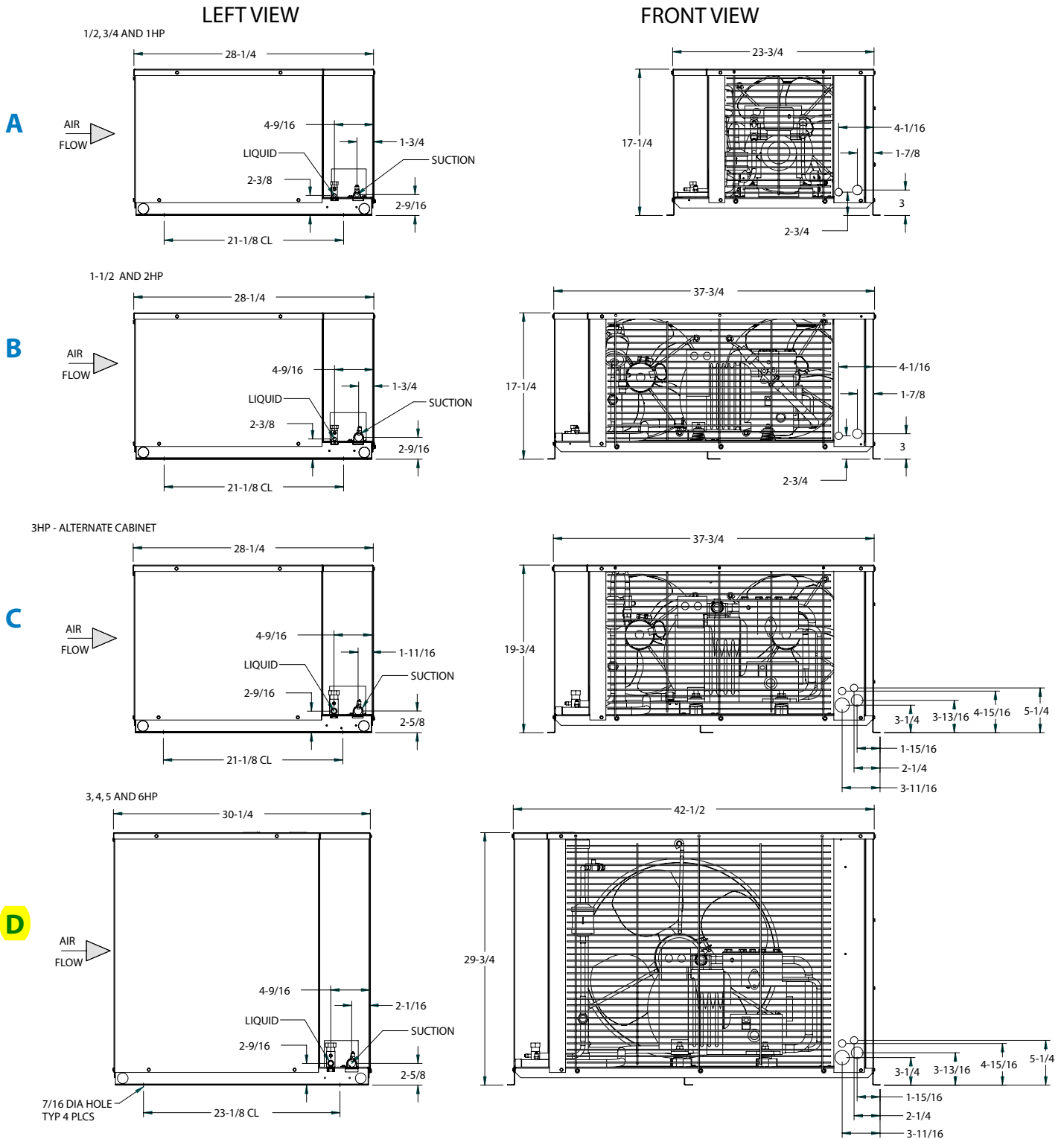
Per UL and NEC, RLA values have been calculated by dividing the Maximum Continuous Current (MCC) by 1.56.

^ Power supplied by customer.

† Consult factory for 50 HZ applications.

Dimensional Drawings

OUTDOOR



1/2 - 6 HP Air-cooled Condensing Units

OUTDOOR (T)		INDOOR (N)		Beacon II™ OUTDOOR (S)		ALL MODELS		
• Prepainted galvanized cabinet • Head pressure control valve • Crankcase heater • Fixed low pressure control for H2, M2, M6 models		• No cabinet hood • Fan guards • Wiring conduit • Fixed low pressure control for H2, M2, M6 models		• Outdoor unit with hood • Wired for Beacon II™ control • Beacon II™ fan cycling for two fan units only • Head pressure control valve				
1/2 - 4 HP (BS*) Semi-hermetic Low Temperature R-404A/R-507 Condensing Units								
Model	List Price (\$US)	Model	List Price (\$US)	Model	List Price (\$US)	Voltage	Compressor	Ship Wt. (lbs.)
BST005L6B	6,115	BSN005L6B	5,374	BSS005L6B	6,503	208-230/1/60	KAN-005E	199
BST005L6C	6,190	BSN005L6C	5,450	BSS005L6C	6,577	208-230/3/60	KAN-005E	199
BST008L6B	6,611	BSN008L6B	5,701	BSS008L6B	7,000	208-230/1/60	KAM-007E	199
BST008L6C	6,627	BSN008L6C	5,718	BSS008L6C	7,015	208-230/3/60	KAM-007E	199
BST010L6B	7,060	BSN010L6B	6,154	BSS010L6B	7,446	208-230/1/60	KAJ-010E	205
BST010L6C	7,067	BSN010L6C	6,166	BSS010L6C	7,456	208-230/3/60	KAJ-010E	205
BST015L6B	8,356	BSN015L6B	7,426	BSS015L6B	9,083	208-230/1/60	KAL-015E	262
BST015L6BF	9,314					208-230/1/60	KAL-015E	262
BST015L6C	8,323	BSN015L6C	7,394	BSS015L6C	9,052	208-230/3/60	KAL-015E	262
BST015L6CF	9,281					208-230/3/60	KAL-015E	215
BST015L6D	9,830	BSN015L6D	8,889	BSS015L6D	10,556	460/3/60	KAL-015E	262
BST020L6C	9,915	BSN020L6C	8,970	BSS020L6C	10,642	208-230/3/60	EAD-020E	328
BST020L6CF	10,873					208-230/3/60	EAD-020E	328
BST020L6G	10,071	BSN020L6G	9,124	BSS020L6G	10,798	230/1/60	EAD-020E	328
BST020L6GF	11,029					230/1/60	EAD-020E	334
BST021L6B	10,316	BSN021L6B	9,370	BSS021L6B	11,045	208-230/1/60	EAV-021E	338
BST021L6BF	11,274					208-230/1/60	EAV-021E	338
BST021L6C	10,180	BSN021L6C	9,233	BSS021L6C	10,906	208-230/3/60	EAV-021E	338
BST021L6CF	11,138					208-230/3/60	EAV-021E	310
BST021L6D	11,748	BSN021L6D	10,796	BSS021L6D	12,477	460/3/60	EAV-021E	338
BST027L6C	11,633	BSN027L6C	10,770	BSS027L6C	12,360	208-230/3/60	3AB-031E	428
BST027L6D	12,603	BSN027L6D	11,775	BSS027L6D	13,329	460/3/60	3AB-031E	428
BST027L6G	12,230	BSN027L6G	11,400	BSS027L6G	12,957	230/1/60	3AB-031E	428
BST030E6C	11,798	BSN030E6C	10,970	BSS030E6C	12,526	208-230/3/60	LAC-032E	428
BST030E6D	12,795	BSN030E6D	11,865	BSS030E6D	13,522	460/3/60	LAC-032E	428
BST030E6G	12,446	BSN030E6G	11,693	BSS030E6G	13,175	230/1/60	LAC-032E	428
BST030L6C	11,798	BSN030L6C	10,970	BSS030L6C	12,526	208-230/3/60	LAH-032E	394
BST030L6CF	12,830					208-230/3/60	LAH-032E	394
BST030L6D	12,795	BSN030L6D	11,865	BSS030L6D	13,522	460/3/60	LAH-032E	394
BST030L6G	12,446	BSN030L6G	11,693	BSS030L6G	13,175	230/1/60	LAH-032E	394
BST040L6C	13,990	BSN040L6C	13,164	BSS040L6C	14,378	208-230/3/60	NRD-032E	500
BST040L6D	14,980	BSN040L6D	14,144	BSS040L6D	15,369	460/3/60	NRD-032E	500
BST040L6G	14,577	BSN040L6G	13,748	BSS040L6G	14,966	230/1/60	NRD-040E	500
2 - 6 HP (BZ*) Scroll™ Medium Temperature R-404A/R-507 Condensing Units								
Model	List Price (\$US)	Model	List Price (\$US)	Model	List Price (\$US)	Voltage	Compressor	Ship Wt. (lbs.)
BZT020M6B	7,221	BZN020M6B	6,650	BZS020M6B	7,949	208-230/1/60	ZS15K4E	246
BZT020M6C	7,278	BZN020M6C	6,706	BZS020M6C	8,006	208-230/3/60	ZS15K4E	246
BZT020M6D	7,698	BZN020M6D	7,122	BZS020M6D	8,424	460/3/60	ZS15K4E	246
BZT025M6B	7,376	BZN025M6B	6,802	BZS025M6B	8,102	208-230/1/60	ZS19K4E	255
BZT025M6C	7,486	BZN025M6C	6,916	BZS025M6C	8,214	208-230/3/60	ZS19K4E	255
BZT025M6D	7,909	BZN025M6D	7,335	BZS025M6D	8,637	460/3/60	ZS19K4E	255
BZT030M6B	7,964	BZN030M6B	7,388	BZS030M6B	8,351	208-230/1/60	ZS21K4E	330
BZT030M6C	8,119	BZN030M6C	7,547	BZS030M6C	8,508	208-230/3/60	ZS21K4E	300
BZT030M6D	8,474	BZN030M6D	7,899	BZS030M6D	8,861	460/3/60	ZS21K4E	330
BZT035M6B	8,844	BZN035M6B	8,269	BZS035M6B	9,232	208-230/1/60	ZS26K4E	333
BZT035M6C	8,999	BZN035M6C	8,427	BZS035M6C	9,388	208-230/3/60	ZS26K4E	333
BZT035M6D	9,352	BZN035M6D	8,778	BZS035M6D	9,742	460/3/60	ZS26K4E	333
BZT045M6B	9,604	BZN045M6B	9,029	BZS045M6B	9,991	208-230/1/60	ZS30K4E	360
BZT045M6C	9,762	BZN045M6C	9,188	BZS045M6C	10,152	208-230/3/60	ZS30K4E	360
BZT045M6D	10,114	BZN045M6D	9,582	BZS045M6D	10,504	460/3/60	ZS30K4E	360
BZT055M6B	10,229	BZN055M6B	9,656	BZS055M6B	10,618	208-230/1/60	ZS38K4E	360
BZT055M6C	10,388	BZN055M6C	9,814	BZS055M6C	10,776	208-230/3/60	ZS38K4E	320
BZT055M6D	10,741	BZN055M6D	10,164	BZS055M6D	11,130	460/3/60	ZS38K4E	360
BZT060M6C	11,636	BZN060M6C	11,049	BZS060M6C	12,024	208-230/3/60	ZS45K4E	360
BZT060M6CF	12,174					208-230/3/60	ZS45K4E	348
BZT060M6D	11,989	BZN060M6D	11,400	BZS060M6D	12,377	460/3/60	ZS45K4E	360
2 - 6 HP (BZ*) Scroll™ Low Temperature R-404A/R-507 Condensing Units								
Model	List Price (\$US)	Model	List Price (\$US)	Model	List Price (\$US)	Voltage	Compressor++	Ship Wt. (lbs.)
BZT020L6B	8,772	BZN020L6B	8,198	BZS020L6B	9,500	208-230/1/60	ZF06K4E	246
BZT020L6C	8,939	BZN020L6C	8,365	BZS020L6C	9,668	208-230/3/60	ZF06K4E	246
BZT020L6D	9,381	BZN020L6D	8,808	BZS020L6D	10,109	460/3/60	ZF06K4E	246
BZT025L6B	8,935	BZN025L6B	8,362	BZS025L6B	9,663	208-230/1/60	ZF08K4E	255
BZT025L6C	9,094	BZN025L6C	8,519	BZS025L6C	9,822	208-230/3/60	ZF08K4E	255
BZT025L6D	9,538	BZN025L6D	8,962	BZS025L6D	10,264	460/3/60	ZF08K4E	255
BZT030L6B	9,252	BZN030L6B	8,677	BZS030L6B	9,980	208-230/1/60	ZF09K4E	255
BZT030L6C	9,423	BZN030L6C	8,847	BZS030L6C	10,151	208-230/3/60	ZF09K4E	255
BZT030L6CF*	9,917					208-230/3/60	ZF09K4E	255
BZT030L6D	9,870	BZN030L6D	9,296	BZS030L6D	10,598	460/3/60	ZF09K4E	255
BZT035L6B	10,156	BZN035L6B	9,582	BZS035L6B	10,884	208-230/1/60	ZF11K4E	256
BZT035L6C	10,314	BZN035L6C	9,741	BZS035L6C	11,041	208-230/3/60	ZF11K4E	254
BZT035L6CF*	10,808					208-230/3/60	ZF11K4E	254
BZT035L6D	10,764	BZN035L6D	10,189	BZS035L6D	11,489	460/3/60	ZF11K4E	254
BZT045L6B	11,379	BZN045L6B	10,807	BZS045L6B	11,767	208-230/1/60	ZF13K4E	350
BZT045L6C	11,536	BZN045L6C	10,961	BZS045L6C	11,924	208-230/3/60	ZF13K4E	350
BZT045L6CF*	12,240					208-230/3/60	ZF13K4E	350
BZT045L6D	11,888	BZN045L6D	11,312	BZS045L6D	12,274	460/3/60	ZF13K4E	350
BZT055L6B	11,732	BZN055L6B	11,157	BZS055L6B	12,120	208-230/1/60	ZF15K4E	356
BZT055L6C	11,888	BZN055L6C	11,312	BZS055L6C	12,274	208-230/3/60	ZF15K4E	356
BZT055L6D	12,240	BZN055L6D	11,668	BZS055L6D	12,628	460/3/60	ZF15K4E	356
BZT060L6C	12,641	BZN060L6C	12,068	BZS060L6C	13,029	208-230/3/60	ZF18K4E	360
BZT060L6CF*	13,345					208-230/3/60	ZF18K4E	360
BZT060L6D	12,993	BZN060L6D	12,420	BZS060L6D	13,382	460/3/60	ZF18K4E	360

++ ZF Compression units include standard liquid line required for liquid injection. The Scroll™ compressors can also be used for R-22 medium and low temperature applications. See sales bulletin for capacities.
 * Model numbers are normally in stock (Stock models come standard with LL drier assembly, timer on 011-035 L6, defrost kit on 040-060 L6).

1/2 - 6 HP Factory-installed Options

Air-cooled Condensing Units

Electrical Options		Model	List Price (\$US)		
			Outdoor (T)	Indoor (N)	Beacon II™
Defrost	Air Defrost timer, medium temperature	All	494	494	-
	Electric defrost timer	005 - 035	494	494	-
	Electric Defrost Kit: timer, heater and fan contactors,lockout relay	030M6 - 060M6	704	704	-
		040L6 - 060L6	704	704	-
Adjustable low pressure control for H2, M2, and M6 models		All	137	137	137
Dual pressure control with superhose		All	308	308	-
Mounted fused disconnect		005 - 035	488	-	488
		040 - 060	899	-	899
Phase loss/ low voltage monitor		All	971	971	-
Fixed fan cycling (2 fan units)		015 - 029 Medium	339	339	-
		Up to 035L6 Low	339	339	-
Variable speed fan motor using the Hoffman controller (in place of head pressure control valve on outdoor unit)		030 - 060 Medium Temperature Only	448	706	-

Mechanical Options		Model	List Price (\$US)		
			Outdoor (T)	Indoor (N)	Beacon II™
Liquid	Liquid-line drier, sight glass and shut-off valve sight glass, shut-off valve (Standard on ZF Scroll compressor)	005 - 025	464	464	464
		027 - 060	538	538	538
	Replaceable core liquid-line filter drier, sight glass, shut-off valve	030 - 060 Medium	989	989	989
		040 - 060 Low	989	989	989
	Liquid-line solenoid valve and pump-down switch with liquid-line drier, sight glass and shut-off valve	005 - 025*	989	989	-
		027 - 060*	1,064	1,064	-
Suction	Suction-line filter	005 - 025	296	296	296
		027 - 060	352	352	352
	Replaceable core suction-line filter	030 - 060 Medium	1,030	1,030	1,030
		040 - 060 Low	1,030	1,030	1,030
	Suction accumulator (Standard on X6 models)	005 - 025	371	371	371
		027 - 060	618	618	618
Head pressure control flooding valve		005 - 060	Standard	438	Standard
Oil separator with discharge line check valve		030 - 060 Medium	1,113	1,113	1,113
		040 - 060 Low	1,113	1,113	1,113
44 # receiver with relief valve (Cannot be ordered with liquid replaceable core option) (Oil separator may not be selected with 44# receiver)		030 - 060 Medium	1,104	1,104	1,104
		040 - 060 Low	1,104	1,104	1,104
Low ambient kit with heated and insulated receiver, Time Delay (TD) relay (Low ambient kit cannot be used with dual pressure control)		All	617	-	617
BohnGuard condenser fin protection		005 - 035	841	841	841
		040 - 060	1,044	1,044	1,044
Copper fins		005 - 035	Call Factory	Call Factory	Call Factory
		040 - 060	Call Factory	Call Factory	Call Factory

* Liquid-line solenoid valve mounted at condensing unit is not recommended on applications with line runs to the evaporator of over 25 feet.

ADDITIONAL OPTIONS NEXT PAGE