H-MSTB
October 2017

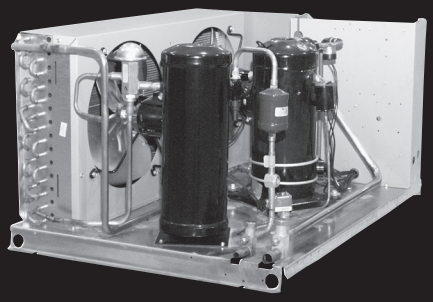
Replaces H-MSTB, March 2017

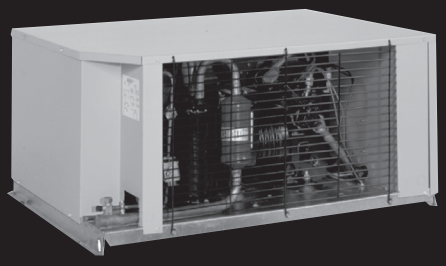
M Series

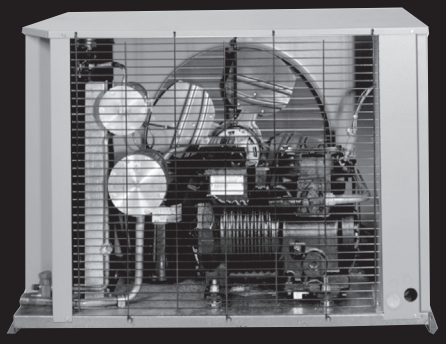
AIR-COOLED CONDENSING UNITS

1/2-6 HP Indoor and Outdoor Models

Technical Guide







MOH • MOZ • MOS

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Nomenclature

MO	Z	030	L	6	2	M
Model	**Compressor**	**Equiv. HP**	**Temp.**	**Refrigerant**	**Voltage**	**Identifier**
MO= OEM	H = Hermetic S = Semi-Hermetic Z = Scroll	005= 1/2 HP 008= 3/4 HP 010, 011= 1 HP 01*= 1-1/2 HP 02*= 2 HP 03*= 3 HP 04*= 4 HP 05*= 5 HP 060= 6 HP	H = High (Semi-Hermetic) D = High (Hermetic) L = Low M = Medium X = Extended Medium	6 = R-404A/507 (R-407A/R-407C Available on select Hermetic and Scroll Models, and R-448A/R-449A available on select Scroll Models)	2= 208/230/1/60 3= 208/230/3/60 4= 460/3/60 9= 230/1/60 8= 230/3/60	C = Outdoor CF = Outdoor Stock N = Indoor S = Beacon II™ Microprocessor CFT= Medium Temp. Stock with Timer

Features & Benefits

Cabinet & Construction

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

Typical Outdoor Hermetic Unit

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

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

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)

Cabinet & Construction

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) motors with Orbus Controller

Compressor

- Wide variety of compressors including: hermetic, semi-hermetic and scroll. R-404A/507 available for both medium and low temperature applications R-407A/R-407F,R-407C available on select Scroll & Hermetic Models, and R-448A/R-449A available on select Scroll & Hermetic Models)
- Spring-mounted compressors with vibration eliminators on all 1-1/2 to 3 HP semi-hermetic compressors; 1/2 to 1 HP semi-hermetic compressors are rigid mounted and have a discharge loop
- Discharge service valves come standard on all units

Typical Outdoor Hermetic Unit with liquid filter drier and sight glass

Options

Electrical options:	Outdoor	Indoor	Stock
Adjustable low pressure control for medium temp. comp.	Option	Option	N/A
Air or electric defrost timer only	Option	Option	1/2-3 HP low temp.
Beacon II™	Option	Option	N/A
Crankcase heater	Standard	N/A	Standard
Dual pressure control (not available on Beacon II™)	Option	Option	N/A
Electric defrost with timer & contactors (040-060 models only)	Option	Option	4-6 HP low temp.
Fixed fan cycling — pressure or temperature (2 fan units) (Pressure standard on Beacon II™)	Option	Option	N/A
Fused disconnect / Non-fused disconnect	Option	Shipped loose	N/A
Phase loss / low voltage monitor	Option	Option	N/A
Smart Defrost Kit™ (Factory-Installed)	Option	Option	N/A
Variable speed EC (VSEC) motors with Orbus controller	Option	N/A	N/A
Mechanical options:	**Outdoor**	**Indoor**	**Stock**
12" Extended legs for snowbelt operation	Shipped loose	Shipped loose	Shipped loose
Head pressure control flooding valve	Standard	Option	Standard
Liquid line drier, sight glass	Option	Option	Standard
Liquid line solenoid valve and pumpdown switch	Option	Option	N/A
Low ambient kit with heated and insulated receiver, TD relay	Option	N/A	N/A
Oil separator with discharge line check valve (D cabinet)	Option	Option	N/A
Oversize receiver (D cabinet)	Option	Option	N/A
Precharged refrigerant with quick connect fittings	Option	Option	N/A
Replaceable core liquid line filter (D cabinet)	Option	Option	N/A
Replaceable core suction line filter (D cabinet)	Option	Option	N/A
Suction accumulator	Option	Option	N/A
Suction line filter	Option	Option	N/A

Beacon II™
REFRIGERATION SYSTEM

The Beacon II™ Refrigeration System is a preassembled, factory installed refrigeration system featuring an integrated microcomputer based electronic control board.

The Beacon II™ Refrigeration System replaces the expansion valve, solenoid valve, room thermostat, defrost control and timer. It comes factory preset thereby eliminating all of the expensive and time consuming fine tuning and adjustments necessary for a good system installation. For additional information, contact your Sales Representative.

HERMETIC COMPRESSORS
Performance Data - High Temperature (R-404A/507)

Model	Compressor	Capacity BTUH @ 90°F Ambient Suction Temperature	
		40°F	35°F
MOH005D6†	RST45C1E	8,910	8,150
MOH009D6†	RST64C1E	12,520	11,570
MOH010D6†	RST70C1E	13,720	12,610
MOH015D6	CS10K6E	21,400	19,460
MOH025D6	CS14K6E	26,320	24,270
MOH032D6	CS20K6E	42,890	39,110

Model	Compressor	Capacity BTUH @ 95°F Ambient Suction Temperature	
		40°F	35°F
MOH005D6†	RST45C1E	8,510	7,790
MOH009D6†	RST64C1E	11,980	11,080
MOH010D6†	RST70C1E	13,010	11,960
MOH015D6	CS10K6E	20,260	18,400
MOH025D6	CS14K6E	25,000	23,030
MOH032D6	CS20K6E	40,730	37,110

Model	Compressor	Capacity BTUH @ 100°F Ambient Suction Temperature	
		40°F	35°F
MOH005D6†	RST45C1E	8,120	7,430
MOH009D6†	RST64C1E	11,440	10,580
MOH010D6†	RST70C1E	12,310	11,320
MOH015D6	CS10K6E	19,120	17,350
MOH025D6	CS14K6E	23,690	21,810
MOH032D6	CS20K6E	38,560	35,100

Model	Compressor	Capacity BTUH @ 110°F Ambient Suction Temperature	
		40°F	35°F
MOH005D6†	RST45C1E	7,340	6,710
MOH009D6†	RST64C1E	10,350	9,580
MOH010D6†	RST70C1E	10,920	10,040
MOH015D6	CS10K6E	16,880	15,280
MOH025D6	CS14K6E	21,100	19,410
MOH032D6	CS20K6E	34,210	31,070

NOTES:
† = RST compressor not suitable for R-507

HERMETIC COMPRESSORS
Performance Data - Extended Temperature (R-404A/507)

Model	Compressor	Capacity BTUH @ 90°F Ambient Suction Temperature						
		30°F	25°F	20°F	0°F	-10°F	-20°F	-25°F
MOH005X6†	RST45C1E	6,850	6,270	5,710	3,690	2,810	1,980	1,550
MOH008X6†	RST55C1E	8,130	7,450	6,790	4,430	3,490	2,710	2,400
MOH009X6†	RST64C1E	9,590	8,820	8,080	5,350	4,240	3,270	2,850
MOH010X6†	RST70C1E	10,060	9,300	8,660	5,540	4,080	2,750	2,050
MOH015X6	CS10K6E	16,430	15,090	13,550	7,910	5,280	3,610	2,970
MOH020X6	CS12K6E	18,590	17,000	15,420	9,110	6,330	4,030	3,270
MOH025X6	CS14K6E	20,150	18,630	17,270	10,900	8,050	5,740	4,760
MOH030X6	CS18K6E	29,490	27,030	24,550	14,390	10,600	7,380	6,180
MOH032X6	CS20K6E	32,420	29,620	26,840	15,930	12,200	8,780	7,000

Model	Compressor	Capacity BTUH @ 95°F Ambient Suction Temperature						
		30°F	25°F	20°F	0°F	-10°F	-20°F	-25°F
MOH005X6†	RST45C1E	6,530	5,970	5,440	3510	2,660	1,850	1,430
MOH008X6†	RST55C1E	7,730	7,070	6,440	4,180	3,280	2,550	2,250
MOH009X6†	RST64C1E	9,150	8,420	7,710	5,090	4,020	3,100	2,690
MOH010X6†	RST70C1E	9,400	8,850	8,170	5,120	3,770	2,610	1,820
MOH015X6	CS10K6E	15,400	13,960	12,800	7,220	5,060	3,330	2,630
MOH020X6	CS12K6E	17,490	16,000	14,470	8,370	5,830	3,860	2,830
MOH025X6	CS14K6E	18,920	17,490	16,250	10,090	7,530	5,230	4,330
MOH030X6	CS18K6E	27,840	25,490	23,130	13,480	9,710	6,750	5,620
MOH032X6	CS20K6E	30,530	27,890	25,240	14,800	11,200	7,930	6,220

Model	Compressor	Capacity BTUH @ 100°F Ambient Suction Temperature						
		30°F	25°F	20°F	0°F	-10°F	-20°F	-25°F
MOH005X6†	RST45C1E	6,200	5,670	5,170	3,330	2,510	1,720	1,310
MOH008X6†	RST55C1E	7,320	6,700	6,090	3,930	3,070	2,390	2,100
MOH009X6†	RST64C1E	8,720	8,010	7,340	4,830	3,810	2,920	2,540
MOH010X6†	RST70C1E	8,790	8,290	7,680	4,760	3,430	2,230	1,570
MOH015X6	CS10K6E	14,210	13,150	11,780	6,660	4,580	2,930	2,270
MOH020X6	CS12K6E	16,410	14,990	13,380	7,700	5,280	3,420	2,420
MOH025X6	CS14K6E	17,730	16,390	15,220	9,390	6,950	4,770	3,930
MOH030X6	CS18K6E	26,190	23,970	21,800	12,570	8,880	6,120	5,110
MOH032X6	CS20K6E	28,600	26,160	23,750	13,740	10,300	7,050	5,370

Model	Compressor	Capacity BTUH @ 110°F Ambient Suction Temperature						
		30°F	25°F	20°F	0°F	-10°F	-20°F	-25°F
MOH005X6†	RST45C1E	5,540	5,060	4,610	2,950	2,210	1,470	1,080
MOH008X6†	RST55C1E	6,530	5,970	5,410	3,450	2,670	2,070	1,820
MOH009X6†	RST64C1E	7,830	7,200	6,580	4,310	3,390	2,580	2,250
MOH010X6†	RST70C1E	7,700	7,140	6,590	4,080	3,010	1,680	–
MOH015X6	CS10K6E	12,150	11,110	10,030	5,410	3,650	2,140	1,540
MOH020X6	CS12K6E	14,270	12,980	11,550	6,460	4,410	2,580	1,660
MOH025X6	CS14K6E	15,430	14,450	13,230	8,100	5,760	3,860	2,990
MOH030X6	CS18K6E	23,000	21,020	18,970	10,810	7,100	4,940	4,140
MOH032X6	CS20K6E	24,840	22,790	20,580	11,490	8,260	5,270	3,630

NOTES:
† = RST compressor not suitable for R-507

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

Model	Compressor	Capacity BTUH @ 90°F Ambient Suction Temperature					
		0°F	-5°F	-10°F	-20°F	-25°F	-30°F
MOH011L6	CF04K6E	7,030	6,240	5,370	3,850	3,330	2,630
MOH014L6	CF06K6E	10,500	9,380	7,830	6,090	4,890	4,080
MOH019L6	CF06K6E	12,100	10,180	8,910	6,580	5,530	4,570
MOH025L6	CF09K6E	15,550	14,500	12,700	9,000	7,560	6,230
MOH031L6	CF12K6E	18,840	17,800	15,140	11,540	9,790	8,070

Model	Compressor	Capacity BTUH @ 95°F Ambient Suction Temperature					
		0°F	-5°F	-10°F	-20°F	-25°F	-30°F
MOH011L6	CF04K6E	6,840	5,750	4,920	3,650	3,020	2,360
MOH014L6	CF06K6E	9,900	8,840	7,750	5,670	4,710	3,680
MOH019L6	CF06K6E	11,400	10,100	8,750	6,040	5,030	4,150
MOH025L6	CF09K6E	15,400	13,700	12,000	8,300	6,950	5,750
MOH031L6	CF12K6E	17,690	16,800	14,360	10,910	9,170	7,470

Model	Compressor	Capacity BTUH @ 100°F Ambient Suction Temperature					
		0°F	-5°F	-10°F	-20°F	-25°F	-30°F
MOH011L6	CF04K6E	6,310	5,170	4,460	3,300	2,660	2,070
MOH014L6	CF06K6E	9,310	8,280	7,280	5,280	4,350	3,510
MOH019L6	CF06K6E	10,700	9,430	8,170	5,810	4,570	3,700
MOH025L6	CF09K6E	14,500	12,800	11,200	8,130	6,410	5,220
MOH031L6	CF12K6E	17,600	15,090	13,410	10,700	9,040	7,320

Model	Compressor	Capacity BTUH @ 110°F Ambient Suction Temperature					
		0°F	-5°F	-10°F	-20°F	-25°F	-30°F
MOH011L6	CF04K6E	5,240	4,450	3,620	2,630	2,100	–
MOH014L6	CF06K6E	8,310	7,340	6,420	4,580	3,730	2,990
MOH019L6	CF06K6E	9,330	8,170	7,040	4,920	3,980	3,090
MOH025L6	CF09K6E	12,700	11,400	9,900	7,030	5,760	4,590
MOH031L6	CF12K6E	15,700	14,000	12,400	9,250	7,690	6,100

HERMETIC COMPRESSORS
Performance Data - Extended Temperature (R-407C)

Model	Compressor	Capacity BTUH @ 90°F Ambient Suction Temperature					
		40°F	30°F	25°F	20°F	10°F	0°F
MOH005X6	RST45C1E	7,310	5,970	7,310	4,760	3,730	2,880
MOH008X6	RST55C1E	8,420	6,960	6,260	5,610	4,440	3,420
MOH009X6	RST64C1E	10,310	8,560	7,760	7,000	5,590	4,330
MOH010X6	RST70C1E	10,450	8,710	7,920	7,160	5,770	4,470

Model	Compressor	Capacity BTUH @ 95°F Ambient Suction Temperature					
		40°F	30°F	25°F	20°F	10°F	0°F
MOH005X6	RST45C1E	7,050	5,730	5,140	4,570	3,570	2,750
MOH008X6	RST55C1E	8,090	6,680	6,010	5,400	4,260	3,280
MOH009X6	RST64C1E	9,890	8,210	7,440	6,710	5,370	–
MOH010X6	RST70C1E	10,040	8,360	7,600	6,880	5,530	–

Model	Compressor	Capacity BTUH @ 100°F Ambient Suction Temperature					
		40°F	30°F	25°F	20°F	10°F	0°F
MOH005X6	RST45C1E	6,770	5,520	4,930	4,380	3,420	–
MOH008X6	RST55C1E	7,750	6,400	5,750	5,160	4,090	–
MOH009X6	RST64C1E	9,460	7,850	7,120	6,420	5,140	–
MOH010X6	RST70C1E	9,620	8,010	7,290	6,590	5,300	–

Model	Compressor	Capacity BTUH @ 110°F Ambient Suction Temperature					
		40°F	30°F	25°F	20°F	10°F	0°F
MOH005X6	RST45C1E	6,220	5,050	4,510	4,010	3,110	–
MOH008X6	RST55C1E	7,080	5,840	5,260	4,710	3,730	–
MOH009X6	RST64C1E	–	7,140	6,480	5,850	4,670	–
MOH010X6	RST70C1E	–	7,300	6,640	6,030	–	–

HERMETIC COMPRESSORS
Performance Data - Extended Temperature (R-448A/R-449A)

Model	Compressor	Capacity BTUH @ 90°F Ambient Suction Temperature					
		30°F	25°F	20°F	10°F	0°F	-10°F
MOH005X6	RST45C1E	6,130	5,520	4,920	3,860	2,970	2,240
MOH008X6	RST55C1E	7,380	6,660	5,960	4,700	3,650	2,860
MOH009X6	RST64C1E	8,670	7,880	7,120	5,690	4,450	3,460
MOH010X6	RST70C1E	9,870	9,100	8,330	6,860	5,450	4,220

Model	Compressor	Capacity BTUH @ 95°F Ambient Suction Temperature					
		30°F	25°F	20°F	10°F	0°F	-10°F
MOH005X6	RST45C1E	5,870	5,270	4,700	3,690	2,830	2,130
MOH008X6	RST55C1E	7,050	6,350	5,660	4,450	3,450	2,700
MOH009X6	RST64C1E	8,310	7,550	6,830	5,440	4,240	3,290
MOH010X6	RST70C1E	9,450	8,700	7,960	6,540	5,200	3,990

Model	Compressor	Capacity BTUH @ 100°F Ambient Suction Temperature					
		30°F	25°F	20°F	10°F	0°F	-10°F
MOH005X6	RST45C1E	5,600	5,030	4,480	3,510	2,690	2,020
MOH008X6	RST55C1E	6,750	6,050	5,390	4,210	3,250	2,550
MOH009X6	RST64C1E	7,950	7,220	6,530	5,180	4,040	-
MOH010X6	RST70C1E	9,070	8,310	7,590	6,220	4,930	-

Model	Compressor	Capacity BTUH @ 110°F Ambient Suction Temperature					
		30°F	25°F	20°F	10°F	0°F	-10°F
MOH005X6	RST45C1E	5,070	4,540	4,050	3,160	2,420	1,810
MOH008X6	RST55C1E	6,130	5,470	4,860	3,770	2,890	2,260
MOH009X6	RST64C1E	7,970**	6,580	5,940	4,710	3,840**	-
MOH010X6	RST70C1E	9,210**	8,370**	6,860	5,590	4,700**	-

NOTES:

* *= Must use round tube plate fin version of unit

HERMETIC 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.)		
MOH005X6	A	RST45C1E	3/8	1/2	5.5	1	28-1/4	23-3/4	17-1/2	135	68
MOH008X6	A	RST55C1E	3/8	1/2	5.5	1	28-1/4	23-3/4	17-1/2	135	68
MOH009X6	A	RST64C1E	3/8	1/2	5.5	1	28-1/4	23-3/4	17-1/2	144	68
MOH010X6	A	RST70C1E	3/8	5/8	5.5	1	28-1/4	23-3/4	17-1/4	138	68
MOH015X6	B	CS10K6E	3/8	5/8	9.0	2	28-1/4	37-3/4	17-1/4	193	71
MOH020X6	B	CS12K6E	3/8	7/8	9.0	2	28-1/4	37-3/4	17-1/4	203	73
MOH025X6	B	CS14K6E	3/8	7/8	9.0	2	28-1/4	37-3/4	17-1/4	208	74
MOH030X6	D	CS18K6E	1/2	7/8	20.0	1	30-1/4	42-1/2	29-3/4	290	73
MOH032X6	D	CS20K6E	1/2	7/8	20.0	1	30-1/4	42-1/2	29-3/4	275	76
MOH011L6	A	CF04K6E	3/8	5/8	5.5	1	28-1/4	23-3/4	17-1/4	139	73
MOH014L6	A	CF06K6E	3/8	5/8	5.5	1	28-1/4	23-3/4	17-1/4	170	73
MOH019L6	B	CF06K6E	3/8	5/8	9.0	2	28-1/4	37-3/4	17-1/4	200	69
MOH025L6	B	CF09K6E	3/8	7/8	9.0	2	28-1/4	37-3/4	17-1/4	222	76
MOH031L6	C	CF12K6E	1/2	7/8	14.0	2	28-1/4	37-3/4	19-3/4	223	77
MOH005D6	A	RST45C1E	3/8	1/2	5.5	1	28-1/4	23-3/4	17-1/4	135	68
MOH009D6	A	RST64C1E	3/8	5/8	5.5	1	28-1/4	23-3/4	17-1/4	144	68
MOH010D6	A	RST70C1E	3/8	5/8	5.5	1	28-1/4	23-3/4	17-1/4	138	68
MOH015D6	B	CS10K6E	3/8	5/8	9.0	2	28-1/4	37-3/4	17-1/4	193	71
MOH025D6	B	CS14K6E	3/8	7/8	9.0	2	28-1/4	37-3/4	17-1/4	208	74
MOH032D6	D	CS20K6E	1/2	7/8	20.0	1	30-1/4	42-1/2	29-3/4	275	76

NOTES:
++ = 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.

AWEF Values
Medium/High Temperature Condensing Units-Cooler Application

Model	Indoor				Outdoor/Beacon II			
	R404A/R507A	R407A/F	R407C	R448A/R449A	R404A/R507A	R407A/F	R407C	R448A/R449A
MOH005X6	4.86	-	4.95	4.87	6.50	-	6.12	6.42
MOH008X6	5.02	-	4.97	4.94	7.83	-	6.35	7.59
MOH009X6	4.57	-	4.90	4.54	5.97	-	6.62	6.14
MOH010X6	5.36	-	4.83	4.93	7.55	-	6.94	6.82
MOH015X6	5.60	-	-	-	8.30	-	-	-
MOH020X6	5.59	-	-	-	8.41	-	-	-
MOH025X6	5.37	-	-	-	8.18	-	-	-
MOH030X6	6.20	-	-	-	9.01	-	-	-
MOH032X6	6.11	-	-	-	8.90	-	-	-
MOH005H6	4.86	-	-	-	6.50	-	-	-
MOH009H6	4.57	-	-	-	5.97	-	-	-
MOH010H6	5.36	-	-	-	7.55	-	-	-
MOH015H6	5.60	-	-	-	8.30	-	-	-
MOH025H6	5.37	-	-	-	8.18	-	-	-
MOH032H6	6.11	-	-	-	8.90	-	-	-

NOTES:
These refrigeration systems are designed and certified for use in walk-in cooler applications.
- = Compressor is not rated for this refrigerant

HERMETIC COMPRESSORS
Electrical Data

Model	Part Number	Power Supply			Compressor		Fan Motor			MCA		MOPD		Evap. Fan Amps	Defrost Heater Amps
		Volts	Ph	Hz†	RLA	LRA	Qty.	HP	FLA	Air/Beacon	Elec.	Air/Beacon	Elec.		
MOH005X62	RST45C1E-CAV	208-230	1	60	4.6	26.5	1	1/15	0.5	15.0	20.0	15	20	8.0	15
MOH008X62	RST55C1E-CAV	208-230	1	60	6.1	33.7	1	1/15	0.5	15.0	20.0	15	20	8.0	15
MOH009X62	RST64C1E-CAV	208-230	1	60	8.0	43.0	1	1/15	0.5	15.0	20.0	15	20	6.0	15
MOH010X62	RST70C1E-PFV	208-230	1	60	6.3	34.2	1	1/15	0.5	15.0	20.0	15	20	7.0	15
MOH010X63	RST70C1E-TFC	208-230	3	60	4.2	31.0	1	1/15	0.5	15.0	20.0	15	20	8.6	15
MOH015X62	CS10K6E-PFV	208-230	1	60	9.8	56.0	2	1/15	1.0	15.0	24.0	20	25	6.0	19
MOH015X63	CS10K6E-TF5	208-230	3	60	6.7	51.0	2	1/15	1.0	15.0	20.0	15	20	7.0	15
MOH020X62	CS12K6E-PFV	208-230	1	60	9.8	56.0	2	1/15	1.0	15.0	24.0	20	25	6.0	19
MOH020X63	CS12K6E-TF5	208-230	3	60	6.7	51.0	2	1/15	1.0	15.0	24.0	15	25	9.0	19
MOH025X62	CS14K6E-PFV	208-230	1	60	11.2	61.0	2	1/15	1.0	15.0	29.0	25	30	6.0	23
MOH025X63	CS14K6E-TF5	208-230	3	60	8.2	55.0	2	1/15	1.0	15.0	24.0	15	25	9.0	19
MOH025X64	CS14K6E-TFD	460	3	60	4.2	28.0	2	1/15	1.0	15.0	15.0	15	15	^	^
MOH030X62	CS18K6E-PFV	208-230	1	60	14.4	82.0	1	1/3	3.5	21.0	38.0	35	45	12.0	30
MOH030X63	CS18K6E-TF5	208-230	3	60	9.4	65.5	1	1/3	3.5	15.0	29.0	20	30	7.0	23
MOH030X64	CS18K6E-TFD	460	3	60	3.9	33.0	1	1/3	1.9	15.0	15.0	15	15	^	^
MOH032X62	CS20K6E-PFV	208-230	1	60	16.7	96.0	1	1/3	3.5	24.0	38.0	40	50	12.0	30
MOH032X63	CS20K6E-TF5	208-230	3	60	10.3	75.0	1	1/3	3.5	20.0	29.0	25	30	7.0	23
MOH032X64	CS20K6E-TFD	460	3	60	4.6	40.0	1	1/3	1.9	15.0	15.0	15	15	^	^
MOH011L62	CF04K6E-PFV	208-230	1	60	8.6	59.2	1	1/15	0.5	15.0	20.0	15	25	7.0	15
MOH011L63	CF04K6E-TF5	200-230	3	60	3.9	52.0	1	1/15	0.5	15.0	20.0	15	20	8.0	15
MOH014L62	CF06K6E-PFV	208-230	1	60	10.3	59.2	1	1/15	0.5	15.0	20.0	20	25	4.0	15
MOH014L63	CF06K6E-TF5	200-230	3	60	6.3	52.0	1	1/15	0.5	15.0	24.0	15	25	9.0	19
MOH019L62	CF06K6E-PFV	208-230	1	60	10.3	59.2	2	1/15	1.0	15.0	24.0	20	30	6.0	19
MOH019L63	CF06K6E-TF5	208-230	3	60	6.3	52.0	2	1/15	1.0	15.0	24.0	15	25	9.0	19
MOH025L62	CF09K6E-PFV	208-230	1	60	15.0	87.0	2	1/15	1.0	20.0	29.0	30	40	6.0	23
MOH025L63	CF09K6E-TF5	200-230	3	60	9.2	72.2	2	1/15	1.0	15.0	21.0	20	25	7.0	15
MOH031L62	CF12K6E-PFV	208-230	1	60	17.0	105.0	2	1/15	1.0	22.3	37.5	35	50	12.0	30
MOH031L63	CF12K6E-TF5	200-230	3	60	10.7	85.0	2	1/15	1.0	15.0	28.8	25	30	7.0	23
MOH031L64	CF12K6E-TFD	460	3	60	5.3	42.0	2	1/15	1.0	15.0	15.0	15	15	^	^
MOH005D62	RST45C1E-CAV	208-230	1	60	4.5	26.5	1	1/15	0.5	15.0	–	15	–	–	–
MOH009D62	RST64C1E-CAV	208-230	1	60	7.6	43.0	1	1/15	0.5	15.0	–	15	–	–	–
MOH010D62	RST70C1E-PFV	208-230	1	60	6.9	34.2	1	1/15	0.5	15.0	–	15	–	–	–
MOH010D63	RST70C1E-TFC	208-230	3	60	4.7	31.0	1	1/15	0.5	15.0	–	15	–	–	–
MOH015D62	CS10K6E-PFV	208-230	1	60	11.1	56.0	2	1/15	1.0	15.0	–	25	–	–	–
MOH015D63	CS10K6E-TF5	208-230	3	60	7.2	51.0	2	1/15	1.0	15.0	–	15	–	–	–
MOH025D62	CS14K6E-PFV	208-230	1	60	12.4	61.0	2	1/15	1.0	20.0	–	25	–	–	–
MOH025D63	CS14K6E-TF5	208-230	3	60	8.5	55.0	2	1/15	1.0	15.0	–	20	–	–	–
MOH032D62	CS20K6E-PFV	208-230	1	60	17.9	96.0	1	1/3	3.5	25.9	–	40	–	–	–
MOH032D63	CS20K6E-TF5	208-230	3	60	13.3	75.0	1	1/3	3.5	20.2	–	30	–	–	–

NOTES:

^ Power supplied by customer. † Consult factory for 50 HZ applications.

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

SCROLL COMPRESSORS
Performance Data - Medium Temperature (R-404A/507)

Model	Compressor	Capacity BTUH @ 90°F Ambient Suction Temperature								
		40°F	30°F	25°F	20°F	10°F	0°F	-10°F	-20°F	-25°F
MOZ005M6	ZB06KAE	10,310	8,620	7,830	7,070	5,700	4,550	3,650	–	–
MOZ008M6	ZB07KAE	12,190	10,120	9,200	8,360	6,880	5,590	4,380	–	–
MOZ009M6	ZB08KAE	13,420	11,140	10,160	9,290	7,760	6,410	5,060	–	–
MOZ010M6	ZS09KAE	17,730	14,770	13,420	12,160	9,920	8,040	6,460	5,130	4,540
MOZ015M6	ZS13KAE	22,840	19,190	17,490	15,880	16,060	10,640	8,610	6,880	6,110
MOZ020M6	ZS15KAE	26,550	22,440	20,560	18,730	15,470	12,660	10,280	8,250	7,340
MOZ025M6	ZS19KAE	28,990	24,460	22,410	20,520	16,980	13,970	11,380	9,160	8,140
MOZ030M6	ZS21KAE	42,030	35,340	32,260	29,300	24,050	19,540	15,750	12,570	11,160
MOZ035M6	ZS26KAE	45,290	38,280	34,960	31,830	26,200	21,350	17,230	13,770	12,250
MOZ045M6	ZS29KAE	49,890	42,320	38,830	35,420	29,280	23,920	19,370	15,520	13,810
MOZ050M6	ZS33KAE	53,930	45,740	41,980	38,450	31,790	26,110	21,210	17,030	15,180
MOZ055M6	ZS38K4E	57,230	50,410	46,970	43,530	36,770	30,380	24,200	18,140	15,190
MOZ060M6	ZS45K4E	65,560	58,120	54,430	50,680	43,160	35,890	28,800	21,690	18,180

Model	Compressor	Capacity BTUH @ 95°F Ambient Suction Temperature								
		40°F	30°F	25°F	20°F	10°F	0°F	-10°F	-20°F	-25°F
MOZ005M6	ZB06KAE	9,880	8,260	7,500	6,780	5,470	4,370	3,500	–	–
MOZ008M6	ZB07KAE	11,680	9,700	8,820	8,020	6,600	5,360	4,190	–	–
MOZ009M6	ZB08KAE	12,820	10,650	9,740	8,900	7,440	6,140	4,830	–	–
MOZ010M6	ZS09KAE	17,060	14,220	12,930	11,720	9,570	7,760	6,250	4,980	4,410
MOZ015M6	ZS13KAE	21,950	18,450	16,780	15,300	12,570	10,250	8,310	6,660	5,920
MOZ020M6	ZS15KAE	25,490	21,550	19,750	18,000	14,870	12,180	9,920	7,990	7,120
MOZ025M6	ZS19KAE	27,810	23,460	21,500	19,690	16,310	13,430	10,960	8,850	7,880
MOZ030M6	ZS21KAE	40,480	33,960	30,990	28,170	23,140	18,830	15,210	12,160	10,820
MOZ035M6	ZS26KAE	43,480	36,760	33,580	30,610	25,210	20,560	16,630	13,330	11,870
MOZ045M6	ZS29KAE	47,860	40,620	37,280	34,020	28,160	23,020	18,680	15,010	13,380
MOZ050M6	ZS33KAE	51,700	43,860	40,260	36,900	30,550	25,110	20,440	16,460	14,700
MOZ055M6	ZS38K4E	54,940	48,470	45,160	41,860	35,360	29,210	23,240	17,370	14,500
MOZ060M6	ZS45K4E	62,910	55,880	52,340	48,730	41,500	34,510	27,650	20,750	17,320

Model	Compressor	Capacity BTUH @ 100°F Ambient Suction Temperature								
		40°F	30°F	25°F	20°F	10°F	0°F	-10°F	-20°F	-25°F
MOZ005M6	ZB06KAE	9,440	7,900	7,170	6,480	5,230	4,180	3,360	–	–
MOZ008M6	ZB07KAE	11,160	9,270	8,440	7,670	6,320	5,130	4,000	–	–
MOZ009M6	ZB08KAE	12,230	10,180	9,310	8,510	7,120	5,870	4,600	–	–
MOZ010M6	ZS09KAE	16,430	13,670	12,465	11,260	9,200	7,470	6,030	4,820	4,280
MOZ015M6	ZS13KAE	21,050	17,690	16,110	14,690	12,070	9,850	8,000	6,430	5,730
MOZ020M6	ZS15KAE	24,420	20,640	18,920	17,250	14,260	11,690	9,530	7,700	6,880
MOZ025M6	ZS19KAE	26,620	22,440	20,570	18,850	15,610	12,860	10,520	8,520	7,610
MOZ030M6	ZS21KAE	38,780	32,510	29,740	27,020	22,210	18,100	14,640	11,750	10,470
MOZ035M6	ZS26KAE	41,640	35,210	32,120	29,360	24,180	19,750	16,010	12,860	11,480
MOZ045M6	ZS29KAE	45,800	38,880	35,690	32,580	27,010	22,100	17,970	14,470	12,930
MOZ050M6	ZS33KAE	49,440	41,940	38,510	35,300	29,270	24,080	19,640	15,870	14,190
MOZ055M6	ZS38K4E	52,630	46,530	43,350	40,190	33,950	28,040	22,280	16,580	13,780
MOZ060M6	ZS45K4E	60,260	53,640	50,250	46,780	39,840	33,130	26,500	19,800	16,470

SCROLL COMPRESSORS
Performance Data - Medium Temperature (R-404A/507)

Model	Compressor	Capacity BTUH @ 110°F Ambient Suction Temperature								
		40°F	30°F	25°F	20°F	10°F	0°F	-10°F	-20°F	-25°F
MOZ005M6	ZB06KAE	8,560	7,170	6,510	5,880	4,750	3,810	3,070	–	–
MOZ008M6	ZB07KAE	10,100	8,410	7,660	6,980	5,750	4,670	3,620	–	–
MOZ009M6	ZB08KAE	11,070	9,250	8,460	7,740	6,480	5,330	4,130	–	–
MOZ010M6	ZS09KAE	15,010	12,510	11,370	10,330	8,450	6,870	5,560	4,470	3,990
MOZ015M6	ZS13KAE	19,200	16,130	14,720	13,380	11,010	9,010	7,340	5,940	5,320
MOZ020M6	ZS15KAE	22,300	18,780	17,210	15,680	12,960	10,650	8,720	7,090	6,360
MOZ025M6	ZS19KAE	24,200	20,370	18,670	17,110	14,150	11,690	9,590	7,810	7,000
MOZ030M6	ZS21KAE	35,310	29,700	27,060	24,630	20,270	16,560	13,440	10,840	9,710
MOZ035M6	ZS26KAE	37,880	32,030	29,300	26,690	22,040	18,040	14,680	11,860	10,620
MOZ045M6	ZS29KAE	41,600	35,430	32,420	29,560	24,530	20,140	16,440	13,310	11,930
MOZ050M6	ZS33KAE	44,850	38,020	34,910	32,010	26,610	21,910	17,940	14,570	—
MOZ055M6	ZS38K4E	47,970	42,650	39,740	36,840	31,120	25,700	20,340	14,960	12,300
MOZ060M6	ZS45K4E	–	49,170	46,060	42,880	36,520	30,370	24,460	18,630	15,760

SCROLL COMPRESSORS
Performance Data - Medium Temperature (R-407A)

Model	Compressor	Capacity BTUH @ 90°F Ambient Suction Temperature								
		40°F	30°F	25°F	20°F	10°F	0°F	-10°F	-20°F	-25°F
MOZ005M6	ZB06KAE	10,080	8,250	7,420	6,650	5,340	4,360	3,740	–	–
MOZ008M6	ZB07KAE	11,450	9,760	8,880	8,000	6,350	4,990	4,120	–	–
MOZ009M6	ZB08KAE	12,460	11,140	10,300	9,350	7,430	5,710	4,600	–	–
MOZ010M6	ZS09KAE	15,350	12,820	11,710	10,690	8,870	7,290	*5,850*	*4,430*	*3,690*
MOZ015M6	ZS13KAE	19,540	16,560	15,170	13,890	11,580	9,600	*7,760*	*5,970*	*5,040*
MOZ020M6	ZS15KAE	22,390	19,080	17,590	16,150	13,550	11,250	*9,170*	*7,060*	*5,960*
MOZ025M6	ZS19KAE	24,230	20,780	19,180	17,700	14,910	12,430	*10,130*	*7,820*	*6,720*
MOZ030M6	ZS21KAE	35,850	30,360	27,740	25,240	20,660	16,570	*12,990*	*9,810*	*8,370*
MOZ035M6	ZS26KAE	39,030	33,210	30,410	27,730	22,760	18,340	*14,270*	*10,490*	*8,680*
MOZ045M6	ZS29KAE	39,320	33,630	30,800	28,160	23,260	18,790	*14,670*	*10,770*	*8,860*
MOZ050M6	ZS33KAE	46,450	39,990	36,780	33,690	27,860	22,470	*17,590*	*12,960*	*10,730*
MOZ055M6	ZS38K4E	54,990**	43,820	40,600	37,520	31,280	25,510	*20,360*	*16,040*	*14,100***
MOZ060M6	ZS45K4E	64,080**	55,030**	46,630	43,090	36,400	30,070	*24,390*	*19,600***	*17,130***

Model	Compressor	Capacity BTUH @ 95°F Ambient Suction Temperature								
		40°F	30°F	25°F	20°F	10°F	0°F	-10°F	-20°F	-25°F
MOZ005M6	ZB06KAE	9,710	7,960	7,150	6,420	5,150	4,200	3,600	–	–
MOZ008M6	ZB07KAE	11,060	9,420	8,570	7,720	6,120	4,800	3,960	–	–
MOZ009M6	ZB08KAE	12,030	10,760	9,930	9,040	7,180	5,510	4,430	–	–
MOZ010M6	ZS09KAE	14,820	12,380	11,320	10,330	8,570	7,040	*5,660*	*4,290*	–
MOZ015M6	ZS13KAE	18,820	15,950	14,620	13,390	11,170	9,260	*7,500*	*5,770*	–
MOZ020M6	ZS15KAE	21,530	18,360	16,930	15,550	13,050	10,840	*8,850*	–	–
MOZ025M6	ZS19KAE	26,690**	19,980	18,500	17,020	14,350	11,980	*9,780*	–	–
MOZ030M6	ZS21KAE	34,670	29,320	26,800	24,390	19,950	15,970	*12,430*	*9,250*	–
MOZ035M6	ZS26KAE	37,660	32,080	29,400	26,830	22,030	17,710	*13,700*	*9,940*	–
MOZ045M6	ZS29KAE	43,080**	36,040**	29,690	27,170	22,410	18,110	*14,060*	*10,180*	–
MOZ050M6	ZS33KAE	44,830	38,640	35,570	32,600	26,980	21,740	*16,900*	*12,420***	–
MOZ055M6	ZS38K4E	52,910**	42,170	39,080	36,110	30,110	24,560	*19,620*	*15,460***	–
MOZ060M6	ZS45K4E	64,080**	55,030**	50,730**	41,490	35,030	28,930	*24,190***	–	–

Model	Compressor	Capacity BTUH @ 100°F Ambient Suction Temperature								
		40°F	30°F	25°F	20°F	10°F	0°F	-10°F	-20°F	-25°F
MOZ005M6	ZB06KAE	9,340	7,660	6,890	6,180	4,960	4,040	3,460	–	–
MOZ008M6	ZB07KAE	10,660	9,070	8,250	7,440	5,890	4,620	3,800	–	–
MOZ009M6	ZB08KAE	11,590	10,380	9,580	8,720	6,920	5,310	4,260	–	–
MOZ010M6	ZS09KAE	14,280	11,940	10,920	9,950	8,260	*6,790*	*5,460*	–	–
MOZ015M6	ZS13KAE	18,090	15,340	14,060	12,880	10,750	*8,920*	*7,230*	–	–
MOZ020M6	ZS15KAE	23,310**	17,690	16,270	14,940	12,550	*10,440*	*8,530*	–	–
MOZ025M6	ZS19KAE	25,580**	19,160	17,750	16,340	13,790	*11,520*	*9,610*	–	–
MOZ030M6	ZS21KAE	33,430	28,310	25,890	23,580	19,290	*15,400*	*11,900*	–	–
MOZ035M6	ZS26KAE	36,410	30,980	28,410	25,950	21,330	*17,120*	*13,180*	–	–
MOZ045M6	ZS29KAE	41,410**	34,650**	28,600	26,200	21,650	*17,470*	*13,510*	–	–
MOZ050M6	ZS33KAE	46,280**	37,340	34,430	31,590	26,180	*21,080*	*16,340***	–	–
MOZ055M6	ZS38K4E	50,990**	43,750**	40,160**	34,660	28,910	*23,600*	*19,130***	–	–
MOZ060M6	ZS45K4E	59,570**	51,200**	47,100**	43,130**	33,630	*29,080***	*23,270***	–	–

NOTES:

* *= Must use round tube plate fin version of unit

Italicized Capacity is Maximum 20°F Superheat

SCROLL COMPRESSORS
Performance Data - Medium Temperature (R-407A)

Model	Compressor	Capacity BTUH @ 110°F Ambient Suction Temperature								
		40°F	30°F	25°F	20°F	10°F	0°F	-10°F	-20°F	-25°F
MOZ005M6	ZB06KAE	8,590	7,050	6,340	5,690	4,570	3,710	3,170	–	–
MOZ008M6	ZB07KAE	9,840	8,380	7,620	6,860	5,430	4,250	3,490	–	–
MOZ009M6	ZB08KAE	10,700	9,590	8,850	8,060	6,400	4,900	3,930	–	–
MOZ010M6	ZS09KAE	13,180	11,030	10,100	9,200	*7,640*	*6,300*	–	–	–
MOZ015M6	ZS13KAE	18,380**	14,100	12,940	11,860	*9,920*	*8,240*	–	–	–
MOZ020M6	ZS15KAE	21,350**	17,970**	16420**	14,980**	*11,550*	–	–	–	–
MOZ025M6	ZS19KAE	–	–	–	16,590**	*12,670*	–	–	–	–
MOZ030M6	ZS21KAE	33,030**	26,490	24,290	22,150	*18,180*	*14,500*	–	–	–
MOZ035M6	ZS26KAE	35,900**	30,130**	26,600	24,320	*20,110*	*16,130*	–	–	–
MOZ045M6	ZS29KAE	37,930**	31,820**	29,010**	24,430	*20,310*	*18,030***	–	–	–
MOZ050M6	ZS33KAE	42,600**	36,190**	33,130**	30,240**	*24,900*	*19,810***	–	–	–
MOZ055M6	ZS38K4E	–	40,140**	36,900**	33,740**	*27,740***	*22,290***	–	–	–
MOZ060M6	ZS45K4E	–	–	–	39,660**	*32,840***	–	–	–	–

NOTES:

* *= Must use round tube plate fin version of unit

Italicized Capacity is Maximum 20°F Superheat

SCROLL COMPRESSORS
Performance Data - Medium Temperature (R-407C)

Model	Compressor	Capacity BTUH @ 90°F Ambient Suction Temperature								
		40°F	30°F	25°F	20°F	10°F	0°F	-10°F	-20°F	-25°F
MOZ005M6	ZB06KAE	8,980	7,250	6,470	5,760	4,540	3,580	2,870	–	–
MOZ008M6	ZB07KAE	10,500	8,670	7,820	7,000	5,540	4,310	3,350	–	–
MOZ009M6	ZB08KAE	12,020	10,060	9,120	8,210	6,540	5,080	3,880	–	–
MOZ010M6	ZS09KAE	13,910	11,640	10,590	9,550	7,610	5,780	*4,010*	*2,210*	–
MOZ015M6	ZS13KAE	18,110	15,260	13,910	12,600	10,090	7,630	*5,170*	*2,590*	–
MOZ020M6	ZS15KAE	21,050	17,870	16,310	14,800	11,890	9,090	*6,310*	*3,480*	–
MOZ025M6	ZS19KAE	23,100	19,700	18,010	16,370	13,220	10,230	*7,370*	*4,560*	–
MOZ030M6	ZS21KAE	33,600	28,210	25,650	23,170	18,560	14,250	*10,210*	*6,330*	–
MOZ035M6	ZS26KAE	36,670	30,890	28,150	25,490	20,420	15,510	*10,610*	*5,530*	–
MOZ045M6	ZS29KAE	40,190	34,030	31,040	28,140	22,590	17,380	*12,360*	*7,410*	–
MOZ050M6	ZS33KAE	43,590	37,040	33,810	30,660	24,610	18,820	*13,150*	*7,500*	–
MOZ055M6	ZS38K4E	56,110**	44,900	41,370	37,900	31,360	25,330	*20,090*	*15,790*	–
MOZ060M6	ZS45K4E	66,020**	56,150**	47,950	44,020	36,630	30,020	*24,160*	*19,080*	–

Model	Compressor	Capacity BTUH @ 95°F Ambient Suction Temperature								
		40°F	30°F	25°F	20°F	10°F	0°F	-10°F	-20°F	-25°F
MOZ005M6	ZB06KAE	8,700	7,030	6,280	5,600	4,420	3,490	2,800	–	–
MOZ008M6	ZB07KAE	10,160	8,400	7,570	6,790	5,370	4,190	3,270	–	–
MOZ009M6	ZB08KAE	11,630	9,740	8,830	7,960	6,340	4,940	3,780	–	–
MOZ010M6	ZS09KAE	13,540	11,350	10,320	9,310	7,420	5,620	*3,870*	*2,080*	–
MOZ015M6	ZS13KAE	17,610	14,860	13,540	12,260	9,810	7,400	*4,980*	*2,430*	–
MOZ020M6	ZS15KAE	20,470	17,390	15,880	14,400	11,560	8,800	*6,070*	*3,280*	–
MOZ025M6	ZS19KAE	22,450	19,160	17,510	15,910	12,840	9,910	*7,090*	*4,320*	–
MOZ030M6	ZS21KAE	32,700	27,470	24,980	22,570	18,050	13,810	*9,800*	*5,940*	–
MOZ035M6	ZS26KAE	35,680	30,080	27,410	24,820	19,870	15,040	*10,210*	*5,180*	–
MOZ045M6	ZS29KAE	39,100	33,140	30,230	27,400	21,980	16,870	*11,920*	*7,020*	–
MOZ050M6	ZS33KAE	42,380	36,020	32,870	29,800	23,870	18,160	*12,520*	*6,900*	–
MOZ055M6	ZS38K4E	54,410**	43,500	40,070	36,700	30,340	24,500	*19,440*	–	–
MOZ060M6	ZS45K4E	64,190**	54,470**	49,960**	42,670	35,570	29,040	*23,370*	*18,520*	–

Model	Compressor	Capacity BTUH @ 100°F Ambient Suction Temperature								
		40°F	30°F	25°F	20°F	10°F	0°F	-10°F	-20°F	-25°F
MOZ005M6	ZB06KAE	8,410	6,800	6,080	5,430	4,290	3,390	2,730	–	–
MOZ008M6	ZB07KAE	9,820	8,130	7,330	6,570	5,210	4,070	3,190	–	–
MOZ009M6	ZB08KAE	11,240	9,410	8,540	7,700	6,140	4,790	3,680	–	–
MOZ010M6	ZS09KAE	13,180	11,050	10,030	9,060	7,210	*5,450*	*3,720*	*1,940*	–
MOZ015M6	ZS13KAE	17,120	14,450	13,170	11,920	9,520	*7,150*	*4,770*	*2,240*	–
MOZ020M6	ZS15KAE	19,890	16,900	15,430	14,000	11,220	*8,510*	*5,810*	*3,050*	–
MOZ025M6	ZS19KAE	–	18,610	17,010	15,460	12,460	*9,570*	*6,800*	*4,040*	–
MOZ030M6	ZS21KAE	31,800	26,730	24,310	21,950	17,520	*13,350*	*9,390*	*5,530*	–
MOZ035M6	ZS26KAE	34,690	29,260	26,660	24,140	19,300	*14,540*	*9,780*	*4,790*	–
MOZ045M6	ZS29KAE	38,020	32,240	29,410	26,660	21,370	*16,350*	*11,460*	–	–
MOZ050M6	ZS33KAE	41,160	34,990	31,920	28,920	23,100	*17,460*	*11,850*	–	–
MOZ055M6	ZS38K4E	52,750**	44,930**	41,050**	35,580	29,310	*23,670*	–	–	–
MOZ060M6	ZS45K4E	62,270**	52,850**	48,440**	44,110**	34,380	*28,050*	*23,130***	–	–

NOTES:

* *= Must use round tube plate fin version of unit

Italicized Capacity is Maximum 20°F Superheat

SCROLL COMPRESSORS
Performance Data - Medium Temperature (R-407C)

Model	Compressor	Capacity BTUH @ 110°F Ambient Suction Temperature								
		40°F	30°F	25°F	20°F	10°F	0°F	-10°F	-20°F	-25°F
MOZ005M6	ZB06KAE	7,820	6,350	5,690	5,080	4,030	3,200	2,590	–	–
MOZ008M6	ZB07KAE	9,140	7,570	6,840	6,140	4,880	3,830	3,030	–	–
MOZ009M6	ZB08KAE	10,450	8,760	7,950	7,170	5,740	4,500	3,480	–	–
MOZ010M6	ZS09KAE	12,440	10,450	9,490	8,560	*6,790*	*5,080*	*3,380*	–	–
MOZ015M6	ZS13KAE	17,400**	13,620	12,410	11,230	*8,920*	*6,630*	–	–	–
MOZ020M6	ZS15KAE	20,570**	17,240**	15,640**	13,170**	*10,510*	*7,890*	–	–	–
MOZ025M6	ZS19KAE	22,810**	19,170**	17,410**	15,700**	*11,650*	*9,030*	–	–	–
MOZ030M6	ZS21KAE	30,000	25,220	22,920	20,690	*16,420*	*12,350*	–	–	–
MOZ035M6	ZS26KAE	34,610**	27,590	25,140	22,740	*18,080*	*13,480*	–	–	–
MOZ045M6	ZS29KAE	36,900**	30,960**	27,780	25,170	*20,110*	*15,250*	–	–	–
MOZ050M6	ZS33KAE	40,330**	33,860**	30,730**	27,080	*21,460*	*15,920*	–	–	–
MOZ055M6	ZS38K4E	49,190**	41,880**	38,270**	34,780**	*28,250***	*22,470***	–	–	–
MOZ060M6	ZS45K4E	58,320**	49,520**	45,260**	41,180**	*33,670***	*27,070***	–	–	–

NOTES:

* *= Must use round tube plate fin version of unit

Italicized Capacity is Maximum 20°F Superheat

SCROLL COMPRESSORS
Performance Data - Medium Temperature (Models R-448A/449A)

Model	Compressor	Capacity BTUH @ 90°F Ambient Suction Temperature								
		40°F	30°F	25°F	20°F	10°F	0°F	-10°F	-20°F	-25°F
MOZ005M6	ZB06KAE	9,610	7,960	7,190	6,450	5,130	4,020	3,160	–	–
MOZ008M6	ZB07KAE	11,100	9,360	8,530	7,720	6,230	4,890	3,710	–	–
MOZ009M6	ZB08KAE	12,550	10,730	9,830	8,950	7,270	5,710	4,310	–	–
MOZ010M6	ZS09KAE	14,190	11,580	10,460	9,460	7,770	6,420	*5,280*	*4,180*	*3,580*
MOZ015M6	ZS13KAE	18,230	15,050	13,680	12,440	10,390	8,750	*7,400*	*6,110*	*5,400*
MOZ020M6	ZS15KAE	20,800	17,430	15,920	14,560	12,310	10,540	*9,100*	*7,740*	*6,980*
MOZ025M6	ZS19KAE	22,420	18,980	17,400	15,980	13,630	11,820	*10,390*	*9,080*	*8,330***
MOZ030M6	ZS21KAE	35,090	29,620	27,080	24,660	20,340	16,600	*13,460*	*10,860*	*9,750*
MOZ035M6	ZS26KAE	41,450	34,920	31,750	28,810	23,610	19,500	*16,630*	*15,300*	*15,340***
MOZ045M6	ZS29KAE	42,360	36,070	33,110	30,300	25,150	20,690	*16,900*	*13,760*	*12,420*
MOZ050M6	ZS33KAE	45,280	38,870	35,760	32,800	27,340	22,610	*18,570*	*15,210*	*13,760*
MOZ055M6	ZS38K4E	47,680**	41,710	38,850	35,870	30,230	25,010	*20,420*	*16,380***	*14,580***
MOZ060M6	ZS45K4E	52,970**	46,440**	43,350	40,270	34,360	*28,760*	*23,710*	*19,250***	*17,230***

Model	Compressor	Capacity BTUH @ 95°F Ambient Suction Temperature								
		40°F	30°F	25°F	20°F	10°F	0°F	-10°F	-20°F	-25°F
MOZ005M6	ZB06KAE	9,280	7,690	6,950	6,240	4,970	3,900	3,080	–	–
MOZ008M6	ZB07KAE	10,750	9,050	8,240	7,460	6,020	4,730	3,610	–	–
MOZ009M6	ZB08KAE	12,150	10,390	9,510	8,660	7,030	5,520	4,160	–	–
MOZ010M6	ZS09KAE	13,710	11,210	10,140	9,190	7,610	6,390	*5,420*	–	–
MOZ015M6	ZS13KAE	17,540	14,510	13,210	12,050	10,170	8,730	*7,630*	–	–
MOZ020M6	ZS15KAE	19,930	16,750	15,330	14,080	12,030	10,510	*9,400*	–	–
MOZ025M6	ZS19KAE	21,410	18,140	16,730	15,420	13,300	11,790	*10,720*	–	–
MOZ030M6	ZS21KAE	33,950	28,700	26,260	23,940	19,810	16,240	*13,280*	–	–
MOZ035M6	ZS26KAE	39,770	33,440	30,540	27,730	22,820	19,050	*16,560*	–	–
MOZ045M6	ZS29KAE	40,960	34,940	32,110	29,430	24,520	20,280	*16,710*	–	–
MOZ050M6	ZS33KAE	43,760	37,630	34,670	31,850	26,680	22,190	*18,400*	–	–
MOZ055M6	ZS38K4E	45,640**	39,940	37,200	34,350	28,970	*24,000*	*19,620*	–	–
MOZ060M6	ZS45K4E	50,620**	44,410**	41,470**	38,720	32,930	*27,600*	*22,820***	–	–

Model	Compressor	Capacity BTUH @ 100°F Ambient Suction Temperature								
		40°F	30°F	25°F	20°F	10°F	0°F	-10°F	-20°F	-25°F
MOZ005M6	ZB06KAE	8,940	7,420	6,700	6,030	4,810	3,790	3,000	–	–
MOZ008M6	ZB07KAE	10,390	8,730	7,950	7,200	5,810	4,570	3,520	–	–
MOZ009M6	ZB08KAE	11,750	10,050	9,200	8,380	6,800	5,330	4,000	–	–
MOZ010M6	ZS09KAE	13,210	10,820	9,810	8,900	7,450	*6,380*	*5,590*	–	–
MOZ015M6	ZS13KAE	16,760	13,940	12,720	11,640	9,940	*8,710*	*7,870*	–	–
MOZ020M6	ZS15KAE	19,010	16,050	14,720	13,570	11,730	*10,470*	*9,710***	–	–
MOZ025M6	ZS19KAE	20,470**	17,310	16,020	14,830	12,950	*11,730*	*11,060***	–	–
MOZ030M6	ZS21KAE	32,820	27,790	25,420	23,250	19,300	15,930	*13,160*	–	–
MOZ035M6	ZS26KAE	38,210	31,970	29,250	26,570	21,950	18,520	*16,410*	–	–
MOZ045M6	ZS29KAE	39,560	33,830	31,140	28,590	23,930	*19,920*	*16,600*	–	–
MOZ050M6	ZS33KAE	42,240**	36,420	33,610	30,940	26,050	*21,840*	*18,310***	–	–
MOZ055M6	ZS38K4E	43,550**	38,120**	35,510**	32,800	27,680	*22,960*	*18,800***	–	–
MOZ060M6	ZS45K4E	48,240**	42,350**	39,570**	36,960**	*31,460*	*26,420***	*21,910***	–	–

NOTES:

* *= Must use round tube plate fin version of unit

Italicized Capacity is Maximum 20°F Superheat

SCROLL COMPRESSORS
Performance Data - Medium Temperature (Models R-448A/449A)

Model	Compressor	Capacity BTUH @ 110°F Ambient Suction Temperature								
		40°F	30°F	25°F	20°F	10°F	0°F	-10°F	-20°F	-25°F
MOZ005M6	ZB06KAE	8,250	6,860	6,210	5,590	4,480	3,550	2,840	–	–
MOZ008M6	ZB07KAE	9,660	8,090	7,360	6,660	5,380	4,260	3,320	–	–
MOZ009M6	ZB08KAE	10,900	9,350	8,560	7,790	6,320	4,940	3,690	–	–
MOZ010M6	ZS09KAE	12,120**	9,980	9,070	8,300	7,110	*6,340*	–	–	–
MOZ015M6	ZS13KAE	15,190**	12,710**	11,660	10,750	9,420	*8,620*	–	–	–
MOZ020M6	ZS15KAE	17,080**	14,480**	13,400**	12,450**	*11,040*	*10,320***	–	–	–
MOZ025M6	ZS19KAE	18,320**	15,560	14,510	13,530	12,110	*11,490***	–	–	–
MOZ030M6	ZS21KAE	30,570**	26,010	23,880	21,930	18,400	*15,440*	–	–	–
MOZ035M6	ZS26KAE	34,630**	28,810	26,280	24,010	20,020	*17,220*	–	–	–
MOZ045M6	ZS29KAE	36,800**	31,670**	29,270**	26,960	*22,890*	*19,400***	–	–	–
MOZ050M6	ZS33KAE	39,330**	34,030**	31,550**	29,150**	*24,940*	*21,310***	–	–	–
MOZ055M6	ZS38K4E	39,230**	34,510**	32,010**	29,580**	24,990**	*20,780***	–	–	–
MOZ060M6	ZS45K4E	–	38,150**	35,670**	33,360**	28,460**	*23,930***	–	–	–

NOTES:

* *= Must use round tube plate fin version of unit

Italicized Capacity is Maximum 20°F Superheat

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

Model	Compressor	Capacity BTUH @ 90°F Ambient Suction Temperature								
		0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
MOZ006L6	ZF03KAE	5,070	4,500	4,000	3,550	3,150	2,810	2,500	2,240	2,000
MOZ008L6	ZF04KAE	6,830	6,080	5,390	4,770	4,200	3,700	3,260	2,890	2,590
MOZ010L6	ZF05KAE	8,020	7,220	6,460	5,750	5,100	4,510	3,970	3,500	3,080
MOZ020L6	ZF06KAE	11,670	10,620	9,640	8,710	7,840	7,020	6,240	5,500	4,790
MOZ022L6	ZF07KAE	11,780	10,650	9,620	8,660	7,770	6,930	6,130	5,360	4,590
MOZ025L6	ZF08KAE	14,330	13,090	11,880	10,750	9,690	8,690	7,770	6,900	6,080
MOZ030L6	ZF09KAE	15,860	14,480	13,220	11,990	10,840	9,760	8,730	7,760	6,830
MOZ035L6	ZF11KAE	18,860	17,300	15,810	14,390	13,030	11,760	10,550	9,410	8,330
MOZ045L6	ZF13KAE	23,620	21,430	19,380	17,440	15,620	13,930	12,350	10,880	9,510
MOZ055L6	ZF15KAE	28,370	25,910	23,520	21,280	19,190	17,230	15,400	13,690	12,090
MOZ060L6	ZF18KAE	32,630	29,860	27,230	24,790	22,400	20,170	18,060	16,040	14,110

Model	Compressor	Capacity BTUH @ 95°F Ambient Suction Temperature								
		0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
MOZ006L6	ZF03KAE	4,850	4,310	3,830	3,400	3,020	2,700	2,410	2,160	1,940
MOZ008L6	ZF04KAE	6,530	5,810	5,150	4,550	4,010	3,540	3,120	2,770	2,490
MOZ010L6	ZF05KAE	7,680	6,900	6,180	5,500	4,880	4,310	3,800	3,350	2,950
MOZ020L6	ZF06KAE	11,220	10,220	9,280	8,390	7,560	6,760	6,010	5,290	4,600
MOZ022L6	ZF07KAE	11,220	10,150	9,170	8,260	7,410	6,620	5,860	5,130	4,390
MOZ025L6	ZF08KAE	13,760	12,570	11,410	10,330	9,320	8,360	7,470	6,640	5,850
MOZ030L6	ZF09KAE	15,200	13,890	12,690	11,520	10,420	9,380	8,410	7,470	6,580
MOZ035L6	ZF11KAE	18,010	16,530	15,120	13,780	12,490	11,290	10,130	9,040	8,010
MOZ045L6	ZF13KAE	22,630	20,540	18,570	16,720	14,990	13,370	11,880	10,480	9,200
MOZ055L6	ZF15KAE	27,170	24,820	22,540	20,410	18,420	16,550	14,810	13,170	11,640
MOZ060L6	ZF18KAE	31,270	28,650	26,180	23,830	21,560	19,430	17,420	15,490	13,640

Model	Compressor	Capacity BTUH @ 100°F Ambient Suction Temperature								
		0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
MOZ006L6	ZF03KAE	4,620	4,110	3,650	3,250	2,890	2,580	2,310	2,080	1,870
MOZ008L6	ZF04KAE	6,230	5,540	4,910	4,340	3,830	3,370	2,980	2,650	2,380
MOZ010L6	ZF05KAE	7,330	6,590	5,900	5,250	4,650	4,110	3,630	3,190	2,820
MOZ020L6	ZF06KAE	10,770	9,820	8,930	8,080	7,270	6,510	5,790	5,090	4,420
MOZ022L6	ZF07KAE	10,650	9,640	8,720	7,860	7,060	6,300	5,580	4,880	4,180
MOZ025L6	ZF08KAE	13,150	12,000	10,920	9,900	8,930	8,020	7,170	6,370	5,610
MOZ030L6	ZF09KAE	14,530	13,290	12,160	11,040	9,990	9,000	8,070	7,170	6,310
MOZ035L6	ZF11KAE	17,140	15,750	14,420	13,110	11,950	10,790	9,690	8,660	7,680
MOZ045L6	ZF13KAE	21,620	19,620	17,750	15,990	14,350	12,820	11,400	10,100	8,890
MOZ055L6	ZF15KAE	25,970	23,710	21,540	19,520	17,630	15,850	14,200	12,640	11,170
MOZ060L6	ZF18KAE	29,890	27,360	25,070	22,860	20,700	18,680	16,770	14,930	13,170

NOTES:

** = Model is obsolete. Data for informative purposes only

The ZF compressor comes with liquid injection.

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

Model	Compressor	Capacity BTUH @ 110°F Ambient Suction Temperature								
		0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
MOZ006L6	ZF03KAE	4,170	3,710	3,310	2,950	2,630	2,360	2,120	1,920	1,740
MOZ008L6	ZF04KAE	5,620	5,000	4,430	3,910	3,450	3,040	2,690	2,400	2,170
MOZ010L6	ZF05KAE	6,610	5,940	5,320	4,740	4,200	3,710	3,270	2,880	2,540
MOZ020L6	ZF06KAE	9,890	9,040	8,230	7,470	6,730	6,040	5,370	4,720	4,090
MOZ022L6	ZF07KAE	9,490	8,610	7,790	7,040	6,330	5,660	5,020	4,390	3,770
MOZ025L6	ZF08KAE	11,910	10,870	9,900	8,980	8,120	7,300	6,530	5,790	5,100
MOZ030L6	ZF09KAE	13,120	12,060	11,040	10,030	9,100	8,210	7,360	6,550	5,760
MOZ035L6	ZF11KAE	15,340	14,120	12,940	11,800	10,730	9,740	8,760	7,840	6,970
MOZ045L6	ZF13KAE	19,540	17,740	16,070	14,500	13,040	11,690	10,460	9,330	8,300
MOZ055L6	ZF15KAE	23,380	21,350	19,450	17,660	15,970	14,390	12,910	11,510	10,190
MOZ060L6	ZF18KAE	27,080	24,860	22,830	20,820	18,940	17,140	15,430	13,790	12,200

NOTES:

** = Model is obsolete. Data for informative purposes only

The ZF compressor comes with liquid injection.

SCROLL COMPRESSORS
Performance Data - Low Temperature (R-407A/ R-407F)

Model	Compressor	Capacity BTUH @ 90°F Ambient Suction Temperature								
		0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
MOZ006L6	ZF03KAE	4,600	4,100	3,650	3,250	2,890	2,580	2,290	2,040	1,810
MOZ008L6	ZF04KAE	6,270	5,560	4,910	4,310	3,770	3,290	2,880	2,540	2,260
MOZ010L6	ZF05KAE	7,290	6,490	5,740	5,050	4,420	3,850	3,350	2,920	2,560
MOZ020L6	ZF06K4E [5]	10,710	9,700	8,730	7,800	6,910	6,100	5,340	4,640	4,000
MOZ022L6	ZF07KAE	10,570	9,550	8,620	7,750	6,920	6,150	5,420	4,710	4,020
MOZ025L6	ZF08K4E [5,6]	12,760	11,590	10,450	9,380	8,350	7,380	6,480	5,640	4,870
MOZ030L6	ZF09K4E [5]	13,850	12,740	11,570	10,390	9,230	8,110	7,100	6,230	5,540
MOZ035L6	ZF11K4E [5]	16,260	15,040	13,730	12,410	11,060	9,760	8,560	7,520	6,700
MOZ045L6	ZF13K4 [5]	21,360	19,200	17,140	15,180	13,350	11,710	10,280	9,070	8,120
MOZ055L6	ZF15K4 [5]	25,310	22,740	20,370	18,130	16,070	14,210	12,600	11,230	10,160
MOZ060L6	ZF18K4E	29,350	26,560	23,840	21,310	18,950	16,790	14,880	13,240	11,940

Model	Compressor	Capacity BTUH @ 95°F Ambient Suction Temperature								
		0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
MOZ006L6	ZF03KAE	4,420	3,940	3,520	3,140	2,790	2,490	2,220	1,970	1,750
MOZ008L6	ZF04KAE	6,030	5,350	4,720	4,150	3,630	3,180	2,780	2,450	2,190
MOZ010L6	ZF05KAE	7,010	6,240	5,520	4,850	4,250	3,710	3,230	2,820	2,470
MOZ020L6	ZF06K4E [5]	10,330	9,350	8,420	7,530	6,690	5,900	5,160	4,490	3,870
MOZ022L6	ZF07KAE	10,110	9,140	8,270	7,440	6,650	5,910	5,210	4,540	3,870
MOZ025L6	ZF08K4E [5,6]	12,260	11,120	10,060	9,030	8,050	7,120	6,250	5,440	4,700
MOZ030L6	ZF09K4E [5]	13,350	12,280	11,190	10,060	8,940	7,860	6,870	6,020	5,340
MOZ035L6	ZF11K4E [5]	15,570	14,420	13,230	11,970	10,680	9,430	8,270	7,260	6,460
MOZ045L6	ZF13K4 [5]	20,610	18,480	16,500	14,600	12,850	11,280	9,910	8,760	7,890
MOZ055L6	ZF15K4 [5]	24,320	21,890	19,590	17,430	15,430	13,650	12,090	10,800	9,780
MOZ060L6	ZF18K4E	28,290	25,590	22,960	20,530	18,240	16,160	14,320	12,760	11,520

Model	Compressor	Capacity BTUH @ 100°F Ambient Suction Temperature								
		0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
MOZ006L6	ZF03KAE	4,240	3,790	3,390	3,020	2,700	2,410	2,140	1,910	1,690
MOZ008L6	ZF04KAE	5,780	5,130	4,530	3,980	3,490	3,060	2,680	2,370	2,120
MOZ010L6	ZF05KAE	6,720	5,980	5,290	4,650	4,080	3,560	3,110	2,720	2,390
MOZ020L6	ZF06K4E [5]	9,920	9,000	8,110	7,250	6,450	5,690	4,980	4,330	3,730
MOZ022L6	ZF07KAE	9,640	8,730	7,900	7,110	6,360	5,660	4,990	4,350	3,710
MOZ025L6	ZF08K4E [5,6]	11,730	10,660	9,650	8,670	7,730	6,840	6,010	5,230	4,520
MOZ030L6	ZF09K4E [5]	12,820	11,840	10,800	9,720	8,650	7,610	6,650	5,810	5,140
MOZ035L6	ZF11K4E [5]	17,140**	15,740**	14,270**	12,770**	10,270	9,100	7,990	7,000	6,220
MOZ045L6	ZF13K4 [5]	19,840	17,760	15,840	14,000	12,320	10,810	9,510	8,440	7,650
MOZ055L6	ZF15K4 [5]	23,350	21,000	18,780	16,680	14,760	13,040	11,560	10,320	9,370
MOZ060L6	ZF18K4E	27,200	24,590	22,060	19,710	17,510	15,500	13,740	12,240	11,060

NOTES:

* *= Must use round tube plate fin version of unit

[5]: R-407F not available for 208-230/1/60 models

[6]: R-407A not available for 208-230/1/60 models

SCROLL COMPRESSORS
Performance Data - Low Temperature (R-407A/ R-407F)

Model	Compressor	Capacity BTUH @ 110°F Ambient Suction Temperature								
		0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
MOZ006L6	ZF03KAE	3,900	3,500	3,140	2,810	2,510	2,250	2,000	1,780	1,570
MOZ008L6	ZF04KAE	5,270	4,680	4,140	3,640	3,200	2,800	2,470	2,190	1,970
MOZ010L6	ZF05KAE	6,130	5,450	4,830	4,250	3,720	3,260	2,850	2,510	2,220
MOZ020L6	ZF06K4E [5]	9,070	8,240	7,430	6,660	5,920	5,230	4,580	3,980	3,430
MOZ022L6	ZF07KAE	8,630	7,850	7,110	6,410	5,740	5,120	4,520	3,930	3,350
MOZ025L6	ZF08K4E [5,6]	11950**	10,790**	9,680**	8655**	7,630**	6,250	5,500	4,790	4,140
MOZ030L6	ZF09K4E [5]	13,200**	–	–	–	–	–	6,210	5,420	4,770
MOZ035L6	ZF11K4E [5]	–	–	–	–	–	–	–	–	–
MOZ045L6	ZF13K4 [5]	18,170	12,720	14,420	12,720	11,170	9,800	8,640	7,740	7,100
MOZ055L6	ZF15K4 [5]	22,520**	15,660**	17,780**	15,660**	13,740**	11,720	10,370	9,260	8,420
MOZ060L6	ZF18K4E	26,740**	18,960**	21,410**	18,960**	16,720**	14,690**	12,930**	11,110	10,050

NOTES:

* *= Must use round tube plate fin version of unit

5: R-407F not available for 208-230/1/60 models

6: R-407A not available for 208-230/1/60 models

SCROLL COMPRESSORS
Performance Data - Low Temperature (R-407C)

Model	Compressor	Capacity BTUH @ 90°F Ambient Suction Temperature								
		0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
MOZ006L6	ZF03KAE	4,060	3,610	3,200	2,850	2,530	2,260	2,020	1,820	1,640
MOZ008L6	ZF04KAE	5,530	4,880	4,300	3,760	3,280	2,870	2,510	2,210	1,980
MOZ010L6	ZF05KAE	6,480	5,740	5,060	4,440	3,870	3,370	2,940	2,560	2,250
MOZ020L6	ZF06K4E	9,510	8,510	7,590	6,740	5,970	5,260	4,620	4,020	3,470
MOZ022L6	ZF07KAE	9,390	8,400	7,510	6,730	6,020	5,380	4,750	4,120	3,450
MOZ030L6	ZF09K4E	12,420	11,340	10,260	9,170	8,120	7,130	6,240	5,490	4,920
MOZ035L6	ZF11K4E	14,840	13,620	12,360	11,060	9,800	8,610	7,550	6,660	6,010
MOZ045L6	ZF13K4E	18,720	16,750	14,870	13,120	11,510	10,070	8,840	7,810	7,040
MOZ055L6	ZF15K4E	22,320	20,030	17,870	15,840	13,980	12,310	10,890	9,720	8,840
MOZ060L6	ZF18K4E	26,110	23,500	21,000	18,690	16,560	14,640	12,970	11,580	10,520

Model	Compressor	Capacity BTUH @ 95°F Ambient Suction Temperature								
		0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
MOZ006L6	ZF03KAE	3,930	3,490	3,110	2,760	2,460	2,200	1,970	1,770	1,600
MOZ008L6	ZF04KAE	5,340	4,720	4,160	3,640	3,180	2,780	2,440	2,160	1,940
MOZ010L6	ZF05KAE	6,270	5,560	4,900	4,300	3,750	3,270	2,850	2,490	2,190
MOZ020L6	ZF06K4E	9,230	8,270	7,380	6,570	5,820	5,130	4,510	3,920	3,380
MOZ022L6	ZF07KAE	9,070	8,110	7,260	6,510	5,840	5,210	4,610	4,000	3,350
MOZ030L6	ZF09K4E	12,050	11,010	9,970	8,910	7,900	6,940	6,070	5,330	4,760
MOZ035L6	ZF11K4E	14,330	13,170	11,950	10,720	9,510	8,360	7,330	6,460	5,820
MOZ045L6	ZF13K4E	18,160	16,230	14,380	12,670	11,110	9,730	8,540	7,570	6,850
MOZ055L6	ZF15K4E	21,630	19,400	17,270	15,310	13,510	11,900	10,520	9,400	8,570
MOZ060L6	ZF18K4E	25,330	22,790	20,350	18,100	16,030	14,170	12,560	11,230	10,220

Model	Compressor	Capacity BTUH @ 100°F Ambient Suction Temperature								
		0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
MOZ006L6	ZF03KAE	3,800	3,380	3,010	2,680	2,390	2,140	1,920	1,730	1,560
MOZ008L6	ZF04KAE	5,160	4,560	4,010	3,520	3,080	2,690	2,370	2,100	1,890
MOZ010L6	ZF05KAE	6,050	5,360	4,730	4,150	3,630	3,160	2,760	2,420	2,140
MOZ020L6	ZF06K4E	8,930	8,020	7,160	6,380	5,660	4,990	4,380	3,820	3,290
MOZ022L6	ZF07KAE	8,740	7,830	7,010	6,290	5,640	5,050	4,470	3,880	3,240
MOZ030L6	ZF09K4E	11,670	10,680	9,680	8,670	7,680	6,750	5,910	5,180	4,610
MOZ035L6	ZF11K4E	13,810	12,690	11,550	10,380	9,220	8,110	7,110	6,260	5,630
MOZ045L6	ZF13K4E	17,570	15,680	13,880	12,220	10,710	9,370	8,240	7,330	6,670
MOZ055L6	ZF15K4E	20,910	18,730	16,670	14,760	13,020	11,470	10,130	9,060	8,280
MOZ060L6	ZF18K4E	24,530	22,050	19,680	17,490	15,480	13,680	12,130	10,860	9,900

Model	Compressor	Capacity BTUH @ 110°F Ambient Suction Temperature								
		0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
MOZ006L6	ZF03KAE	3,540	3,150	2,810	2,510	2,240	2,010	1,810	1,630	1,470
MOZ008L6	ZF04KAE	4,780	4,230	3,730	3,270	2,870	2,520	2,220	1,980	1,800
MOZ010L6	ZF05KAE	5,610	4,980	4,390	3,860	3,370	2,950	2,580	2,270	2,020
MOZ020L6	ZF06K4E	8,300	7,460	6,690	5,960	5,300	4,680	4,110	3,580	3,070
MOZ022L6	ZF07KAE	8,070	7,240	6,490	5,840	5,250	4,700	4,170	3,620	3,020
MOZ030L6	ZF09K4E	11840**	–	–	–	–	6,380	5,580	4,890	4,330
MOZ035L6	ZF11K4E	–	–	–	–	–	–	–	5,880	5,270
MOZ045L6	ZF13K4E	16,330	14,530	12,840	11,260	9,860	8,630	7,620	6,820	6,270
MOZ055L6	ZF15K4E	19,340	17,280	15,380	13,560	11,930	10,490	9,260	8,280	7,580
MOZ060L6	ZF18K4E	23,910**	21,350**	18,950**	16,730**	14,700**	12,620	11,190	10,020	9,160

NOTES:
The ZF compressor comes with liquid injection.
* *= Must use round tube plate fin version of unit
Model MOZ025L6 (Comp. #: ZF08K4E) not compatible with R-407C

SCROLL COMPRESSORS
Performance Data -Low Temperature Models (R-448A/449A)

Model	Compressor	Capacity BTUH @ 90°F Ambient Suction Temperature								
		0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
MOZ006L6	ZF03KAE	4,550	4,050	3,610	3,220	2,870	2,560	2,280	2,030	1,790
MOZ008L6	ZF04KAE	6,170	5,490	4,860	4,280	3,750	3,280	2,870	2,520	2,230
MOZ010L6	ZF05KAE	7,180	6,420	5,700	5,040	4,430	3,880	3,380	2,950	2,580
MOZ020L6	ZF06K4E	10,270	9,270	8,340	7,470	6,670	5,920	5,230	4,580	3,960
MOZ022L6	ZF07KAE	10,280	9,240	8,320	7,460	6,680	5,960	5,290	4,640	4,000
MOZ025L6	ZF08K4E	12,620	11,410	10,270	9,210	8,230	7,330	6,500	5,740	5,020
MOZ030L6	ZF09K4E	13,750	12,470	11,250	10,110	9,020	8,000	7,040	6,120	5,230
MOZ035L6	ZF11K4E	16,390	14,890	13,510	12,200	10,960	9,810	8,730	7,740	6,810
MOZ045L6	ZF13K4E	21,040	18,950	16,980	15,140	13,430	11,880	10,450	9,160	8,010
MOZ055L6	ZF15K4E	24,730	22,400	20,200	18,130	16,210	14,430	12,830	11,360	10,030
MOZ060L6	ZF18K4E	28,420	25,820	23,440	21,180	19,040	17,040	15,190	13,470	11,880

Model	Compressor	Capacity BTUH @ 95°F Ambient Suction Temperature								
		0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
MOZ006L6	ZF03KAE	4,390	3,920	3,500	3,120	2,780	2,490	2,220	1,970	1,740
MOZ008L6	ZF04KAE	5,950	5,300	4,690	4,130	3,630	3,180	2,790	2,450	2,170
MOZ010L6	ZF05KAE	6,930	6,200	5,510	4,870	4,280	3,750	3,270	2,860	2,500
MOZ020L6	ZF06K4E	10,000	9,020	8,110	7,270	6,490	5,760	5,080	4,440	3,830
MOZ022L6	ZF07KAE	9,900	8,910	8,020	7,210	6,450	5,760	5,120	4,500	3,890
MOZ025L6	ZF08K4E	12,220	11,050	9,960	8,930	7,980	7,110	6,310	5,560	4,870
MOZ030L6	ZF09K4E	13,340	12,090	10,920	9,810	8,770	7,780	6,860	5,970	5,110
MOZ035L6	ZF11K4E	15,770	14,390	13,060	11,800	10,620	9,510	8,480	7,510	6,630
MOZ045L6	ZF13K4E	20,210	18,200	16,310	14,550	12,930	11,460	10,120	8,920	7,850
MOZ055L6	ZF15K4E	23,710	21,490	19,400	17,430	15,600	13,920	12,410	11,020	9,780
MOZ060L6	ZF18K4E	27,260	24,800	22,550	20,400	18,380	16,500	14,770	13,140	11,660

Model	Compressor	Capacity BTUH @ 100°F Ambient Suction Temperature								
		0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
MOZ006L6	ZF03KAE	4,240	3,790	3,380	3,020	2,700	2,410	2,150	1,910	1,680
MOZ008L6	ZF04KAE	5,740	5,110	4,530	3,990	3,510	3,080	2,700	2,380	2,110
MOZ010L6	ZF05KAE	6,680	5,970	5,310	4,700	4,130	3,620	3,160	2,760	2,420
MOZ020L6	ZF06K4E	9,730	8,780	7,900	7,080	6,320	5,600	4,940	4,310	3,700
MOZ022L6	ZF07KAE	9,490	8,570	7,720	6,950	6,230	5,570	4,950	4,360	3,770
MOZ025L6	ZF08K4E	11,810	10,690	9,630	8,640	7,730	6,890	6,110	5,390	4,720
MOZ030L6	ZF09K4E	12,920	11,720	10,590	9,520	8,520	7,570	6,680	5,820	5,000
MOZ035L6	ZF11K4E	15,190	13,870	12,600	11,390	10,260	9,190	8,200	7,280	6,430
MOZ045L6	ZF13K4E	19,360	17,430	15,630	13,960	12,420	11,040	9,790	8,690	7,720
MOZ055L6	ZF15K4E	22,670	20,560	18,580	16,710	14,980	13,400	11,980	10,690	9,530
MOZ060L6	ZF18K4E	26,080	23,760	21,640	19,620	17,720	15,950	14,320	12,820	11,450

Model	Compressor	Capacity BTUH @ 110°F Ambient Suction Temperature								
		0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
MOZ006L6	ZF03KAE	3,940	3,530	3,160	2,830	2,530	2,260	2,020	1,790	1,570
MOZ008L6	ZF04KAE	5,310	4,730	4,190	3,700	3,260	2,860	2,520	2,230	1,990
MOZ010L6	ZF05KAE	6,170	5,520	4,910	4,340	3,830	3,360	2,940	2,570	2,260
MOZ020L6	ZF06K4E	9,230	8,340	7,510	6,740	6,020	5,340	4,700	4,090	3,510
MOZ022L6	ZF07KAE	8,700	7,870	7,110	6,410	5,770	5,170	4,610	4,070	3,530
MOZ025L6	ZF08K4E	10,960	9,920**	8,950**	8,040**	7,190**	6,410	5,690	5,020	4,390
MOZ030L6	ZF09K4E	12,060	10,960**	9,920**	8,940**	8,010**	7,140	6,320	5,540	4,790
MOZ035L6	ZF11K4E	13,960**	12,760**	11,620**	10,500**	9,470**	8,520**	7,630**	6,790**	6,020
MOZ045L6	ZF13K4E	17,610	15,860	14,240	12,750	11,420	10,220	9,170	8,270	7,520
MOZ055L6	ZF15K4E	20,490	18,610**	16,850**	15,200**	13,660**	12,300**	11,070	9,970	9,000
MOZ060L6	ZF18K4E	23,570**	21,620**	19,760**	18,000**	16,350**	14,820**	13,430**	12,160**	11,020**

NOTES:

* **= Must use round tube plate fin version of unit

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.)		
MOZ005M6	C	ZS06KAE	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	198	71
MOZ008M6	C	ZS07KAE	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	198	71
MOZ009M6	C	ZS08KAE	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	198	71
MOZ010M6	C	ZS09KAE	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	209	71
MOZ015M6	C	ZS13KAE	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	209	71
MOZ020M6	C	ZS15KAE	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	209	71
MOZ025M6	C	ZS19KAE	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	218	73
MOZ030M6	D	ZS21KAE	1/2	7/8	20	1	30-1/4	42-1/2	29-3/4	287	72
MOZ035M6	D	ZS26KAE	1/2	7/8	20	1	30-1/4	42-1/2	29-3/4	290	74
MOZ045M6	D	ZS29KAE	1/2	1-1/8	20	1	30-1/4	42-1/2	29-3/4	317	73
MOZ050M6	D	ZS33KAE	1/2	1-1/8	20	1	30-1/4	42-1/2	29-3/4	317	73
MOZ055M6	D	ZS38K4E	1/2	1-1/8	20	1	30-1/4	42-1/2	29-3/4	317	74
MOZ060M6	D	ZS45K43	1/2	1-1/8	20	1	30-1/4	42-1/2	29-3/4	317	76
MOZ006L6	C	ZF03K4E	1/2	7/8	14	1	28-1/4	37-3/4	19-3/4	202	71
MOZ008L6	C	ZF04K4E	1/2	7/8	14	1	28-1/4	37-3/4	19-3/4	201	71
MOZ010L6	C	ZF05K4E	1/2	7/8	14	1	28-1/4	37-3/4	19-3/4	202	71
MOZ020L6	C	ZF06K4E	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	209	71
MOZ022L6	C	ZF07K4E	1/2	7/8	14	1	28-1/4	37-3/4	19-3/4	203	71
MOZ025L6	C	ZF08K4E	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	218	73
MOZ030L6	C	ZF09K4E	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	218	71
MOZ035L6	C	ZF11K4E	1/2	7/8	14	2	28-1/4	37-3/4	19-3/4	217	73
MOZ045L6	D	ZF13K4E	1/2	1-1/8	20	1	30-1/4	42-1/2	29-3/4	307	73
MOZ055L6	D	ZF15K4E	1/2	1-1/8	20	1	30-1/4	42-1/2	29-3/4	313	74
MOZ060L6	D	ZF18K4E	1/2	1-1/8	20	1	30-1/4	42-1/2	29-3/4	317	76

NOTES:

++ = 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.

AWEF Values
Medium/High Temperature Condensing Units-Cooler Application

Model	Indoor				Outdoor/Beacon II			
	R404A/R507A	R407A/F	R407C	R448A/R449A	R404A/R507A	R407A/F	R407C	R448A/R449A
MOZ005M6	5.18	4.77	4.85	4.88	7.15	6.19	5.89	7.17
MOZ008M6	5.33	4.95	4.95	4.20	7.60	6.62	6.27	6.77
MOZ009M6	5.55	5.08	5.22	3.77	8.02	6.92	6.79	5.42
MOZ010M6	5.99	5.92	5.54	5.43	8.32	7.85	7.11	7.29
MOZ015M6	5.93	5.55	5.42	5.27	8.63	7.90	7.52	7.50
MOZ020M6	5.95	5.35	5.42	5.21	8.04	7.91	7.72	7.68
MOZ025M6	5.11	5.28	5.26	5.02	7.64	8.01	7.65	7.65
MOZ030M6	6.56	6.31	6.44	6.16	9.04	8.55	8.36	8.45
MOZ035M6	6.49	6.17	6.45	5.98	9.15	8.63	8.58	8.42
MOZ045M6	6.46	6.06	6.36	6.18	9.08	8.59	8.73	8.81
MOZ050M6	6.32	5.70	6.13	5.97	9.13	8.34	8.61	8.69
MOZ055M6	5.57	5.24	5.51	5.59	7.89	7.79	8.11	8.39
MOZ060M6	5.70	5.18	5.35	5.20	8.35	7.92	8.15	8.10

NOTES:

These refrigeration systems are designed and certified for use in walk-in cooler applications.

SCROLL COMPRESSORS
Electrical Data

Model	Part Number	Power Supply			Compressor		Fan Motor			MCA		MOPD		Evap. Fan Amps	Defrost Heater Amps
		Volts	Ph	Hz†	RLA	LRA	Qty.	HP	FLA	Air/Beacon	Elec.	Air/Beacon	Elec.		
MOZ005M62	ZB06KAE-PFV	208-230	1	60	5.4	35.7	2	1/15	1.0	15	37.5	15	40	12	30
MOZ005M63	ZB06KAE-TF5	200-230	3	60	4.3	37.8	2	1/15	1.0	15	23.8	15	25	9	19
MOZ008M62	ZB07KAE-PFV	208-230	1	60	5.6	48	2	1/15	1.0	15	37.5	15	40	12	30
MOZ008M63	ZB07KAE-TF5	200-230	3	60	4.7	37.8	2	1/15	1.0	15	23.8	15	25	9	19
MOZ009M62	ZB08KAE-PFV	208-230	1	60	7.2	47.2	2	1/15	1.0	15	37.5	15	40	12	30
MOZ009M63	ZB08KAE-TF5	200-230	3	60	4.7	37.8	2	1/15	1.0	15	23.8	15	25	9	19
MOZ010M62	ZS09KAE-PFV	208-230	1	60	9.0	40.3	2	1/15	1.0	15	38	15	40	12.0	30
MOZ010M63	ZS09KAE-TF5	208-230	3	60	7.2	55.4	2	1/15	1.0	15	24	15	25	9.0	19
MOZ010M64	ZS09KAE-TFD	460	3	60	3.4	28.0	2	1/15	1.0	15	15	15	15	^	^
MOZ015M62	ZS13KAE-PFV	208-230	1	60	10.8	56.0	2	1/15	1.0	15	38	20	40	12.0	30
MOZ015M63	ZS13KAE-TF5	208-230	3	60	8.7	58.0	2	1/15	1.0	15	24	15	25	9.0	19
MOZ015M64	ZS13KAE-TFD	460	3	60	4.3	29.0	2	1/15	1.0	15	15	15	15	^	^
MOZ020M62	ZS15KAE-PFV	208-230	1	60	14.1	68.0	2	1/15	1.0	20	38	30	40	12.0	30
MOZ020M63	ZS15KAE-TF5	208-230	3	60	9.6	58.0	2	1/15	1.0	15	24	20	30	9.0	19
MOZ020M64	ZS15KAE-TFD	460	3	60	4.8	29.0	2	1/15	1.0	15	15	15	15	^	^
MOZ025M62	ZS19KAE-PFV	208-230	1	60	16.2	75.0	2	1/15	1.0	21	38	35	45	12.0	30
MOZ025M63	ZS19KAE-TF5	208-230	3	60	12.3	73.0	2	1/15	1.0	20	29	25	35	11.0	23
MOZ025M64	ZS19KAE-TFD	460	3	60	5.8	38.0	2	1/15	1.0	15	15	15	15	^	^
MOZ030M62	ZS21KAE-PFV	208-230	1	60	20.8	112.0	1	1/3	3.5	30	42	50	60	12.0	30
MOZ030M63	ZS21KAE-TF5	208-230	3	60	13.7	93.0	1	1/3	3.5	21	38	30	45	12.0	30
MOZ030M64	ZS21KAE-TFD	460	3	60	6.2	48.0	1	1/3	1.9	15	15	15	15	^	^
MOZ035M62	ZS26KAE-PFV	208-230	1	60	21.2	104.0	1	1/3	3.5	30	42	45	60	12.0	30
MOZ035M63	ZS26KAE-TF5	208-230	3	60	13.9	93.0	1	1/3	3.5	21	38	30	45	12.0	30
MOZ035M64	ZS26KAE-TFD	460	3	60	6.2	48.0	1	1/3	1.9	15	15	15	15	^	^
MOZ045M62	ZS29KAE-PFV	208-230	1	60	23.4	137.0	1	1/3	3.5	33	59	50	60	11.0	47
MOZ045M63	ZS29KAE-TF5	208-230	3	60	18.4	114.0	1	1/3	3.5	27	44	40	50	12.0	35
MOZ045M64	ZS29KAE-TFD	460	3	60	8.4	58.0	1	1/3	1.9	15	29	20	35	11.0	23
MOZ050M62	ZS33KAE-PFV	208-230	1	60	23	146	1	1/3	3.5	32	59	50	60	12.0	47
MOZ050M63	ZS33KAE-TF5	200-230	3	60	20	114	1	1/3	3.5	29	44	45	60	12.0	35
MOZ050M64	ZS33KAE-TFD	460	3	60	9	52	1	1/3	1.9	15	29	20	30	10.0	23
MOZ055M62	ZS38K4E-PFV	208-230	1	60	28.8	169.0	1	1/3	3.5	40	59	50	60	12.0	47
MOZ055M63	ZS38K4E-TF5	208-230	3	60	19.2	123.0	1	1/3	3.5	28	44	45	50	12.0	35
MOZ055M64	ZS38K4E-TFD	460	3	60	8.7	62.0	1	1/3	1.9	15	29	20	30	10.0	23
MOZ060M63	ZS45K4E-TF5	208-230	3	60	21.5	156.0	1	1/3	3.5	30	44	50	60	12.0	35
MOZ060M64	ZS45K4E-TFD	460	3	60	8.3	70.0	1	1/3	1.9	15	29	20	30	10.6	23
MOZ006L62	ZB03KAE-PFV	208-230	1	60	5.4	42.3	2	1/15	1.0	15	37.5	15	40	12	30
MOZ006L63	ZB03KAE-TF5	200-230	3	60	3.7	31.7	2	1/15	1.0	15	23.8	15	25	9	19
MOZ008L62	ZB04KAE-PFV	208-230	1	60	6.6	40.3	2	1/15	1.0	15	37.5	15	40	12	30
MOZ008L63	ZB04KAE-TF5	200-230	3	60	6.0	55.4	2	1/15	1.0	15	23.8	15	25	9	19
MOZ008L64	ZB04KAE-TFD	460	3	60	3.0	28	2	1/15	1.0	15	15	15	15		
MOZ010L62	ZB05KAE-PFV	208-230	1	60	7.8	55	1	1/15	1.0	15	37.5	15	40	12	30
MOZ010L63	ZB05KAE-TF5	200-230	3	60	6.6	58	1	1/15	1.0	15	23.8	15	25	9	19
MOZ010L64	ZB05KAE-TFD	460	3	60	2.9	28	1	1/15	1.0	15	15	15	15		
MOZ020L62	ZF06K4E-PFV	208-230	1	60	12.2	61.0	2	1/15	1.0	20	38	25	40	12.0	30
MOZ020L63	ZF06K4E-TF5	208-230	3	60	8.3	55.0	2	1/15	1.0	15	24	15	25	9.0	19
MOZ020L64	ZF06K4E-TFD	460	3	60	3.8	27.0	2	1/15	1.0	15	15	15	15	^	^

NOTES:
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.

SCROLL COMPRESSORS
Electrical Data (cont.)

Model	Part Number	Power Supply			Compressor		Fan Motor			MCA		MOPD		Evap. Fan Amps	Defrost Heater Amps
		Volts	Ph	Hz†	RLA	LRA	Qty.	HP	FLA	Air/Beacon	Elec.	Air/Beacon	Elec.		
MOZ022L62	ZF07KAE-PFV	208-230	1	60	12.4	75	1	1/15	1.0	20	37.5	25	40	12	30
MOZ022L63	ZF07KAE-TF5	200-230	3	60	7.8	58	1	1/15	1.0	15	23.8	30	25	9	19
MOZ022L64	ZF07KAE-TFD	460	3	60	3.6	28	1	1/15	1.0	15	15	15	15		
MOZ025L62	ZF08K4E-PFV	208-230	1	60	14.7	73.0	2	1/15	1.0	20	38	30	45	12.0	30
MOZ025L63	ZF08K4E-TF5	208-230	3	60	8.7	63.0	2	1/15	1.0	15	29	20	30	11.0	23
MOZ025L64	ZF08K4E-TFD	460	3	60	4.5	31.0	2	1/15	1.0	15	15	15	15	^	^
MOZ030L62	ZF09K4E-PFV	208-230	1	60	14.7	88.0	2	1/15	1.0	20	38	30	45	12.0	30
MOZ030L63	ZF09K4E-TF5	208-230	3	60	9.9	77.0	2	1/15	1.0	15	24	20	25	6.0	19
MOZ030L64	ZF09K4E-TFD	460	3	60	5.1	39.0	2	1/15	1.0	15	15	15	15	^	^
MOZ035L62	ZF11K4E-PFV	208-230	1	60	18.6	109.0	2	1/15	1.0	24	38	40	50	12.0	30
MOZ035L63	ZF11K4E-TF5	208-230	3	60	10.9	88.0	2	1/15	1.0	15	29	25	30	6.0	23
MOZ035L64	ZF11K4E-TFD	460	3	60	6.4	44.0	2	1/15	1.0	15	15	15	15	^	^
MOZ045L62	ZF13K4E-PFV	208-230	1	60	24.0	129.0	1	1/3	3.5	34	45	50	60	11.0	30
MOZ045L63	ZF13K4E-TF5	208-230	3	60	13.5	99.0	1	1/3	3.5	20	38	30	40	11.0	30
MOZ045L64	ZF13K4E-TFD	460	3	60	7.4	49.5	1	1/3	1.9	15	24	15	25	9.0	19
MOZ055L62	ZF15K4E-PFV	208-230	1	60	28.8	169.0	1	1/3	3.5	40	50	50	60	10.0	30
MOZ055L63	ZF15K4E-TF5	208-230	3	60	17.0	123.0	1	1/3	3.5	24.8	37.5	40	50	10.0	30
MOZ055L64	ZF15K4E-TFD	460	3	60	8.7	62.0	1	1/3	1.9	15	24	20	25	8.0	19
MOZ060L63	ZF18K4E-TF5	208-230	3	60	19.6	156.0	1	1/3	3.5	28	44	45	50	12.0	35
MOZ060L64	ZF18K4E-TFD	460	3	60	8.3	70.0	1	1/3	1.9	15	29	20	30	11.0	23

NOTES:

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.

SEMI-HERMETIC COMPRESSORS
Performance Data - Medium Temperature (R-404A/507)

Model	Compressor	Capacity BTUH @ 90°F Ambient Suction Temperature						
		25°F	20°F	15°F	10°F	5°F	0°F	-5°F
MOS010M6	KAR-010E	9,680	8,730	7,930	7,260	6,500	5,890	5,000
MOS020M6	KAK-020E	16,890	15,110	13,590	12,260	11,070	9,940	8,690
MOS021M6	ERC-021E	19,930	17,400	15,800	14,300	12,800	11,840	10,220
MOS030M6	ERF-031E	30,880	28,310	25,730	23,180	20,690	18,260	15,950

Model	Compressor	Capacity BTUH @ 95°F Ambient Suction Temperature						
		25°F	20°F	15°F	10°F	5°F	0°F	-5°F
MOS010M6	KAR-010E	9,140	8,300	7,600	6,870	6,150	5,550	4,730
MOS020M6	KAK-020E	16,240	14,530	13,070	11,790	10,640	9,560	8,360
MOS021M6	ERC-021E	18,850	16,500	14,900	13,500	12,700	11,140	9,580
MOS030M6	ERF-031E	29,690	27,220	24,740	22,290	19,890	17,560	15,340

Model	Compressor	Capacity BTUH @ 100°F Ambient Suction Temperature						
		25°F	20°F	15°F	10°F	5°F	0°F	-5°F
MOS010M6	KAR-010E	8,680	7,950	7,110	6,410	5,780	5,220	4,450
MOS020M6	KAK-020E	15,590	13,950	12,550	11,320	10,210	9,180	8,030
MOS021M6	ERC-021E	17,840	16,280	14,870	13,440	11,970	10,450	8,940
MOS030M6	ERF-031E	28,500	26,130	23,750	21,400	19,090	16,860	14,730

Model	Compressor	Capacity BTUH @ 110°F Ambient Suction Temperature						
		25°F	20°F	15°F	10°F	5°F	0°F	-5°F
MOS010M6	KAR-010E	7,740	7,000	6,350	5,720	5,120	4,600	3,900
MOS020M6	KAK-020E	14,290	12,790	11,500	10,380	9,360	8,410	7,360
MOS021M6	ERC-021E	15,840	14,610	12,600	11,850	10,470	9,180	7,770
MOS030M6	ERF-031E	26,130	23,950	21,770	19,620	17,500	15,450	13,500

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

Model	Compressor	Capacity BTUH @ 90°F Ambient Suction Temperature						
		0°F	-5°F	-10°F	-20°F	-25°F	-30°F	-40°F
MOS005L6	KAN-005E	3,530	3,150	2,760	2,050	1,720	1,420	930
MOS008L6	KAM-007E	6,010	5,360	4,730	3,570	3,050	2,580	1,820
MOS010L6	KAJ-010E	7,770	6,990	6,240	4,830	4,190	3,610	2,640
MOS015L6	KAL-015E	11,780	10,600	9,470	7,340	6,370	5,500	4,020
MOS020L6	EAD-020E	13,780	12,290	10,860	8,260	7,120	6,100	4,470
MOS021L6	EAV-021E	15,120	13,660	12,200	9,420	8,140	6,980	5,160
MOS030L6	LAH-032E	22,600	20,320	18,090	13,810	11,830	9,970	6,780
MOS030E6	LAC-032E	–	–	–	16,780	14,570	12,540	9,010

Model	Compressor	Capacity BTUH @ 95°F Ambient Suction Temperature						
		0°F	-5°F	-10°F	-20°F	-25°F	-30°F	-40°F
MOS005L6	KAN-005E	3,310	2,940	2,580	1,900	1,580	1,300	830
MOS008L6	KAM-007E	5,520	4,900	4,320	3,280	2,810	2,390	1,620
MOS010L6	KAJ-010E	7,220	6,480	5,790	4,520	3,940	3,390	2,440
MOS015L6	KAL-015E	10,960	9,930	8,920	6,990	6,110	5,300	3,930
MOS020L6	EAD-020E	12,530	11,160	9,870	7,520	6,490	5,560	3,980
MOS021L6	EAV-021E	13,920	12,600	11,280	8,780	7,610	6,520	4,590
MOS030L6	LAH-032E	21,310	19,100	16,930	12,800	10,880	9,100	6,040
MOS030E6	LAC-032E	–	–	–	15,700	13,550	11,580	8,270

Model	Compressor	Capacity BTUH @ 100°F Ambient Suction Temperature						
		0°F	-5°F	-10°F	-20°F	-25°F	-30°F	-40°F
MOS005L6	KAN-005E	3,100	2,760	2,400	1,750	1,450	1,170	750
MOS008L6	KAM-007E	5,290	4,680	4,100	3,020	2,540	2,100	1,400
MOS010L6	KAJ-010E	6,900	6,180	5,470	4,160	3,570	3,030	2,150
MOS015L6	KAL-015E	10,520	9,460	8,410	6,440	5,540	4,700	3,300
MOS020L6	EAD-020E	12,140	10,730	9,400	6,970	5,920	4,980	3,530
MOS021L6	EAV-021E	13,390	12,110	10,810	8,260	7,060	5,940	4,050
MOS030L6	LAH-032E	20,020	17,890	15,790	11,790	9,940	8,230	5,300
MOS030E6	LAC-032E	–	–	–	14,630	12,530	10,640	7,540

Model	Compressor	Capacity BTUH @ 110°F Ambient Suction Temperature						
		0°F	-5°F	-10°F	-20°F	-25°F	-30°F	-40°F
MOS005L6	KAN-005E	2,680	2,360	2,030	1,440	1,160	900	520
MOS008L6	KAM-007E	4,560	4,010	3,470	2,480	2,030	1,620	970
MOS010L6	KAJ-010E	6,040	5,370	4,720	3,510	2960	2,470	1,660
MOS015L6	KAL-015E	9,290	8,320	7,370	5,560	4,710	3,930	2,580
MOS020L6	EAD-020E	10,510	9,210	7,950	6,000	4,720	3,880	2,610
MOS021L6	EAV-021E	11,670	10,570	9,450	7,130	5,990	4,900	2,950
MOS030L6	LAH-032E	17,480	15,490	13,530	9,800	8,080	6,490	3,750
MOS030E6	LAC-032E	–	–	–	12,510	10,510	8,760	6,090

SEMI-HERMETIC 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.)		
MOS010M6	A	KAR-010E	3/8	5/8	5.5	1	28-1/4	23-3/4	17-1/4	178	67
MOS020M6	B	KAK-020E	3/8	7/8	9.0	2	28-1/4	37-3/4	17-1/4	189	69
MOS021M6	B	ERC-021E	3/8	7/8	9.0	2	28-1/4	37-3/4	17-1/4	301	70
MOS030M6	D	ERF-031E	1/2	7/8	20.0	1	30-1/4	42-1/2	29-3/4	397	71
MOS005L6	A	KAN-005E	3/8	1/2	5.5	1	28-1/4	23-3/4	17-1/4	172	67
MOS008L6	A	KAM-007E	3/8	5/8	5.5	1	28-1/4	23-3/4	17-1/4	172	67
MOS010L6	A	KAJ-010E	3/8	5/8	5.5	1	28-1/4	23-3/4	17-1/4	178	67
MOS015L6	B	KAL-015E	3/8	7/8	9.0	2	28-1/4	37-3/4	17-1/4	225	69
MOS020L6	B	EAD-020E	3/8	7/8	9.0	2	28-1/4	37-3/4	17-1/4	291	70
MOS021L6	B	EAV-021E	3/8	7/8	9.0	2	28-1/4	37-3/4	17-1/4	301	70
MOS030L6	C	LAH-032E	1/2	7/8	14.0	2	28-1/4	37-3/4	19-3/4	357	71
MOS030E6	C	LAC-032E	1/2	7/8	14.0	2	28-1/4	37-3/4	19-3/4	391	71

NOTES:
++ = 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.

AWEF Values
Medium/High Temperature Condensing Units-Cooler Application

Model	Indoor				Outdoor/Beacon II			
	R404A/R507A	R407A/F	R407C	R448A/R449A	R404A/R507A	R407A/F	R407C	R448A/R449A
MOS010M6	4.78	-	-	-	6.74	-	-	-
MOS020M6	4.89	-	-	-	7.04	-	-	-
MOS021M6	5.14	-	-	-	7.97	-	-	-
MOS030M6	5.75	-	-	-	8.14	-	-	-

NOTES:
These refrigeration systems are designed and certified for use in walk-in cooler applications.
- = Compressor is not rated for this refrigerant

SEMI-HERMETIC COMPRESSORS
Electrical Data

Model	Part Number	Power Supply			Compressor		Fan Motor			MCA		MOPD		Evap. Fan Amps	Defrost Heater Amps
		Volts	Ph	Hz†	RLA	LRA	Qty.	HP	FLA	Air/Beacon	Elec.	Air/Beacon	Elec.		
MOS010M62	KARB-010E-CAV	208-230	1	60	6.4	40.0	1	1/15	0.5	15	20	15	20	7.0	15
MOS010M63	KARA-010E-TAC	208-230	3	60	3.8	27.0	1	1/15	0.5	15	20	15	20	9.0	15
MOS020M62	KAKB-021E-CAV	208-230	1	60	9.1	55.0	2	1/15	1.0	15	24	20	25	6.0	19
MOS020M63	KAKA-020E-TAC	208-230	3	60	5.8	50.0	2	1/15	1.0	15	24	15	25	9.0	19
MOS021M63	ERCA-021E-TAC	208-230	3	60	7.9	46.0	2	1/15	1.0	15	24	15	25	9.0	19
MOS021M64	ERCA-020E-TAD	460	3	60	3.1	23.0	2	1/15	1.0	15	15	15	15	^	^
MOS030M63	ERFA-031E-TAC	208-230	3	60	11.2	82.0	1	1/3	3.5	20	38	25	40	12.0	30
MOS030M64	ERFA-031E-TAD	460	3	60	5.2	41.0	1	1/3	1.9	15	15	15	15	^	^
MOS005L62	KANB-005E-CAV	208-230	1	60	3.1	24.0	1	1/15	0.5	15	20	15	20	9.0	15
MOS005L63	KANA-006E-TAC	208-230	3	60	2.0	13.2	1	1/15	0.5	15	20	15	20	9.6	15
MOS008L62	KAMB-007E-CAV	208-230	1	60	5.1	36.0	1	1/15	0.5	15	20	15	20	8.0	15
MOS008L63	KAMA-007E-TAC	208-230	3	60	2.9	19.9	1	1/15	0.5	15	20	15	20	9.0	15
MOS010L62	KAJB-010E-CAV	208-230	1	60	6.2	40.0	1	1/15	0.5	15	20	15	20	8.0	15
MOS010L63	KAJA-011E-TAC	208-230	3	60	4.1	27.0	1	1/15	0.5	15	20	15	20	9.0	15
MOS015L62	KALB-015E-CAV	208-230	1	60	8.9	55.0	2	1/15	1.0	15	24	20	25	8.0	19
MOS015L63	KALA-016E-TAC	208-230	3	60	6.0	50.0	2	1/15	1.0	15	20	15	20	7.6	15
MOS015L64	KALA-016E-TAD	460	3	60	3.1	25.0	2	1/15	1.0	15	20	15	20	9.0	15
MOS020L63	EADA-020E-TAC	208-230	3	60	6.1	46.0	2	1/15	1.0	15	20	15	20	7.0	15
MOS021L62	EAVB-021E-CAV	208-230	1	60	13.2	102.0	2	1/15	1.0	20	29	30	30	4.0	23
MOS021L63	EAVA-021E-TAC	208-230	3	60	6.6	50.0	2	1/15	1.0	15	20	15	20	7.0	15
MOS021L64	EAVA-021E-TAD	460	3	60	2.9	26.6	2	1/15	1.0	15	20	15	20	9.0	15
MOS030L63	LAHA-032E-TAC	208-230	3	60	11.5	112.0	2	1/15	1.0	20	29	25	35	12.0	23
MOS030L64	LAHA-032E-TAD	460	3	60	5.4	56.0	2	1/15	1.0	15	15	15	15	^	^
MOS030E63	LACA-032E-TAC	208-230	3	60	11.5	112.0	2	1/15	1.0	20	29	25	35	12.0	23
MOS030E64	LACA-032E-TAD	460	3	60	5.4	56.0	2	1/15	1.0	15	15	15	15	^	^

NOTES:
^ Power supplied by customer.
† Consult factory for 50 HZ applications.
Per UL and NEC, RLA values have been calculated by dividing the Maximum Continuous Current (MCC) by 1.56

REPLACEMENT PARTS

Replacement Parts List				
Model	PSC Motor	EC Motor	Fan Blade	Orbus Controller
A, B, C Cabinet	25309101, 230/1	25319201, 230/1	22901601, 14"	28962001
D Cabinet	25309001, 230/1 25309002, 460/1	25319101, 230/1	7173156, 22"	28962001

Dimensional Drawings

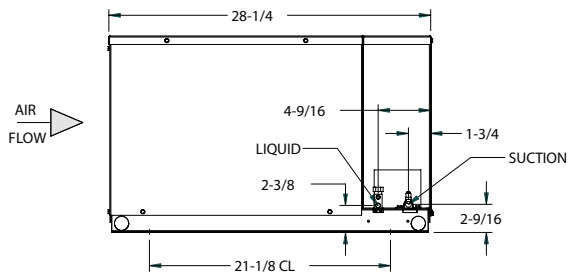
OUTDOOR

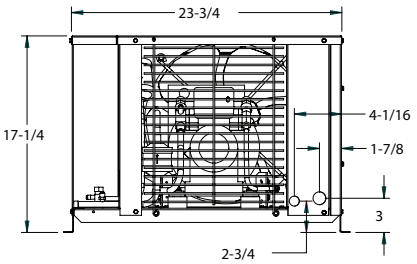
LEFT VIEW

FRONT VIEW

A

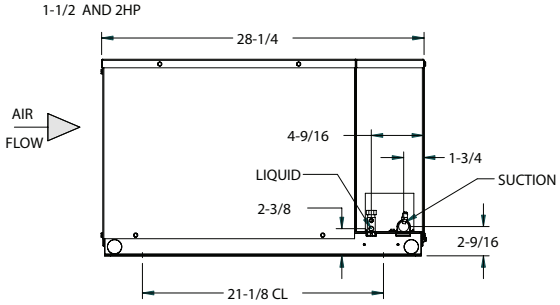
1/2, 3/4 AND 1HP

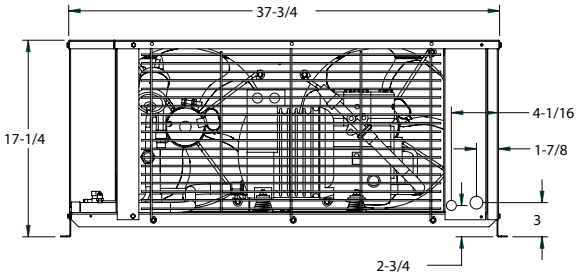




B

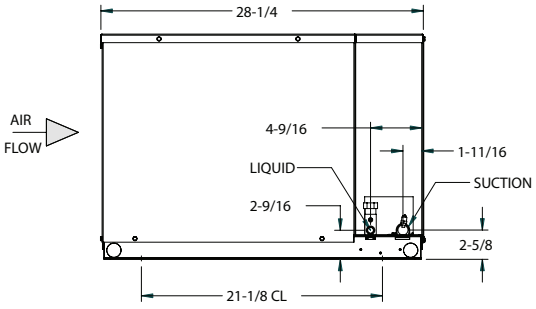
1-1/2 AND 2HP

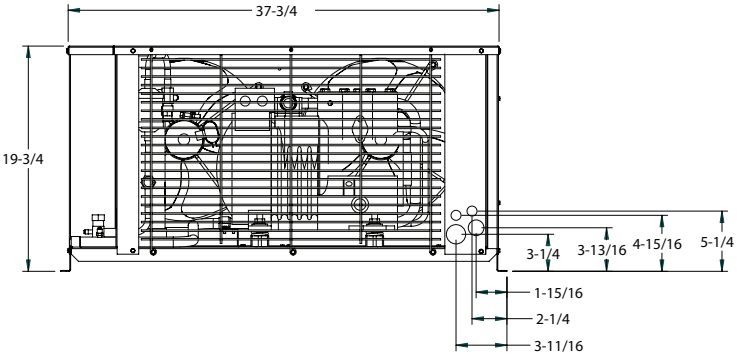




C

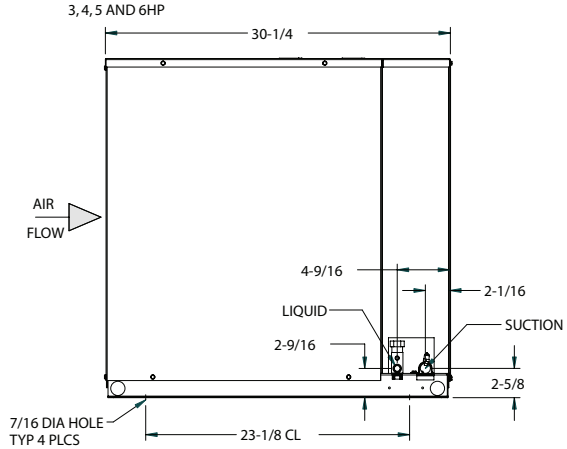
3HP - ALTERNATE CABINET

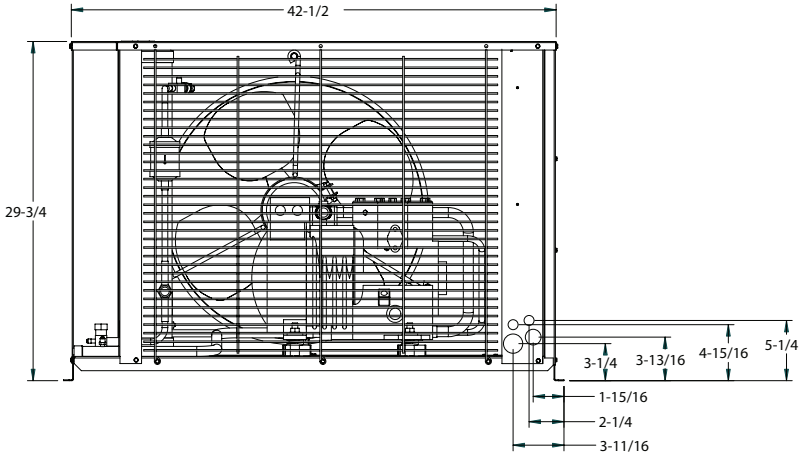




D

3, 4, 5 AND 6HP

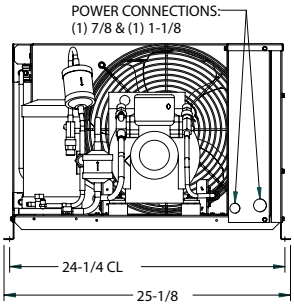




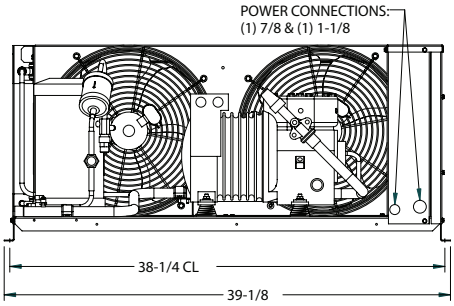
INDOOR

FRONT VIEW

A



B



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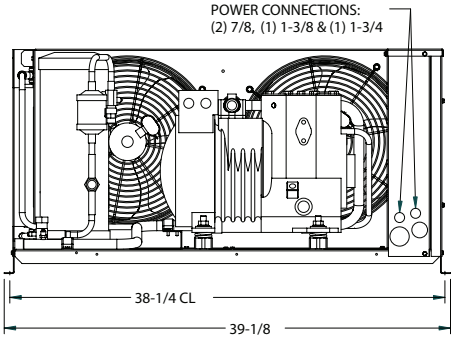

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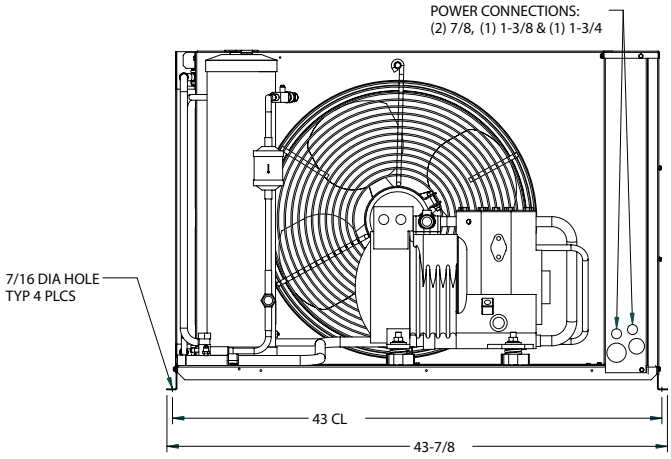

Notes:

Visit our website at heatcraftrpd.com for technical literature online.

Since product improvement is a continuing effort,
we reserve the right to make changes in specifications without notice.

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