BULLETIN 500-10-HC-CR
October 2004
Supersedes 500-10-BAB, January 1991
Supersedes 500-10-DB, August 1980
Supersedes 500-10-L, August 1987
Supersedes 500-10-M, March 1991

SPORLAN

HEATCRAFT™

THERMOSTATIC EXPANSION VALVE
selection chart for HEATCRAFT PRODUCTS

BOHN The Cold Standard | CLIMATE CONTROL | CHANDLER REFRIGERATION | LARKIN

The selections are based on load and operating conditions provided by Heatcraft Inc. All selections are based on condensing pressures of 175 psig (R-22), 200 psig (R-404A and R-507), and 10 degree liquid subcooling. Externally equalized valves are used with coils having refrigerant distributors. The pressure drop across the coil and distributor is assumed to be approximately 35 psi for R-22 and R-404A. If actual conditions differ from those above, valve selections should be made from Sporlan Bulletins 10-10 and 20-10.

REACH-INS

REACH-INS
35°F COOLER TEMPERATURE

HEATCRAFT				COIL INLET CONN	10°F TEMPERATURE DIFFERENCE				15°F TEMPERATURE DIFFERENCE			
BOHN COIL MODEL	LARKIN COIL MODEL	CLIMATE COIL MODEL	CHANDLER COIL MODEL		Capacity Btu/hr	REFRIGERANT 22	REFRIGERANT 404A	REFRIGERANT 507	Capacity Btu/hr	REFRIGERANT 22	REFRIGERANT 404A	REFRIGERANT 507
					EVAPORATOR @ +25°F				EVAPORATOR @ +20°F			
VA, VAT, VAK-07	WCW	LAC	MAC	3/8" OD	650	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC	975	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC
VA, VAT, VAK-08					800				1,200			
VA, VAT, VAK-12					1,200				1,800			
VA, VAT, VAK-17					1,700				2,550		FS-1/6-C or Q-0(1/6T)-SC	FP-1/6-C or Q-0(1/6T)-PC
U, UF, UK-9	WU	–	–	3/8" OD	850	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC	1,275	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC
U, UF, UK-12					1,150				1,725			
U, UF, UK-15					1,500				2,250			
TA, TAK-10	WRI	SRC	CCH	3/8" OD	1,000	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC	1,500	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC
TA, TAK-13					1,300				1,950			
TA, TAK-17					1,700				2,550		FS-1/6-C or Q-0(1/6T)-SC	FP-1/6-C or Q-0(1/6T)-PC
TA, TAK-23					2,300				3,450	FV-1/3-C or Q-0(1/3T)-VC	FS-1/6-C or Q-1(1/4T)-SC	FP-1/6-C or Q-1(1/4T)-PC
TA, TAK-30					3,000	FV-1/3-C or Q-0(1/3T)-VC	FS-1/6-C or Q-0(1/6T)-SC	FP-1/6-C or Q-0(1/6T)-PC	4,500		FS-1/4-C or Q-1(1/4T)-SC	FP-1/4-C or Q-1(1/4T)-PC
TA, TAK-43 ①	WRI	SRC	CCH	1/2" OD	4,300	FVE-1/3-C or QE-0(1/3T)-VC	FSE-1/4-C or QE-1(1/4T)-SC	FPE-1/4-C or QE-1(1/4T)-PC	6,450	FVE-1/2-C or QE-1(3/4T)-VC	FSE-1/2-C or QE-1(1/4T)-SC	FPE-1/2-C or QE-1(1/4T)-PC
TA, TAK-55 ①					5,500	FVE-1/2-C or QE-1(3/4T)-VC	FSE-1/2-C or QE-1(1/4T)-SC	FPE-1/2-C or QE-1(1/4T)-PC	8,250	FVE-1-C or QE-1(3/4T)-VC	FSE-1/2-C or QE-2(1/2T)-SC	FPE-1/2-C or QE-2(1/2T)-PC
KMK, RAMK-13	WKMK WRAK	LWMK BQK	MJHK NNK	3/8" OD	1,300	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC	1,950	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC
KMK, RAMK-17					1,700				2,550		FS-1/6-C or Q-0(1/6T)-SC	FP-1/6-C or Q-0(1/6T)-PC
KMK, RAMK-23					2,300				3,450	FV-1/3-C or Q-0(1/3T)-VC	FS-1/6-C or Q-1(1/4T)-SC	FP-1/6-C or Q-1(1/4T)-PC
C, CK-13	WSF	L	H	3/8" OD	1,300	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC	1,950	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC
C, CK-17					1,700				2,550		FS-1/6-C or Q-0(1/6T)-SC	FP-1/6-C or Q-0(1/6T)-PC
C, CK-23					2,300				3,450	FV-1/3-C or Q-0(1/3T)-VC	FS-1/6-C or Q-1(1/4T)-SC	FP-1/6-C or Q-1(1/4T)-PC
C, CK-30					3,000	FV-1/3-C or Q-0(1/3T)-VC	FS-1/6-C or Q-0(1/6T)-SC	FP-1/6-C or Q-1(1/6T)-PC	4,500		FS-1/4-C or Q-1(1/4T)-SC	FP-1/4-C or Q-1(1/4T)-PC
C, CK-43 ①				1/2" OD	4,300	FVE-1/3-C or QE-0(1/3T)-VC	FSE-1/4-C or Q-1(1/4T)-SC	FPE-1/4-C or Q-1(1/4T)-PC	6,450	FVE-1/2-C or Q-1(3/4T)-VC	FSE-1/2-C or Q-1(1/4T)-SC	FPE-1/2-C or Q-1(1/4T)-PC
UM-13	WRWA	–	–	1/2" SAE Flare Nut	1,300	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC	1,950	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC
UM-17					1,700				2,550		FS-1/6-C or Q-0(1/6T)-SC	FP-1/6-C or Q-0(1/6T)-PC
UM-23					2,300				3,450	FV-1/3-C or Q-0(1/3T)-VC	FS-1/6-C or Q-1(1/4T)-SC	FP-1/6-C or Q-1(1/4T)-PC
UM-29					2,850	FV-1/5-C or Q-0(1/3T)-VC	FS-1/6-C or Q-0(1/6T)-SC	FP-1/6-C or Q-0(1/6T)-PC	4,275		FS-1/4-C or Q-1(1/4T)-SC	FP-1/4-C or Q-0(1/4T)-PC
BC-12	–	NCB	CBC	1/2" SAE Flare Nut	1,200	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC	1,800	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC
BC-16					1,600				2,400		FS-1/6-C or Q-0(1/6T)-SC	FP-1/6-C or Q-0(1/6T)-PC
BC-22					2,200				3,300	FV-1/3-C or Q-0(1/3T)-VC	FS-1/6-C or Q-1(1/4T)-SC	FP-1/6-C or Q-1(1/4T)-PC

① Please note that Heatcraft provides internally equalized TEVs on all of the above models except for TA(K)-43, TA(K)-55, and C(K)-43.

REACH-INS
35°F COOLER TEMPERATURE

HEATCRAFT				COIL INLET CONN	10°F TEMPERATURE DIFFERENCE				15°F TEMPERATURE DIFFERENCE			
BOHN COIL MODEL	LARKIN COIL MODEL	CLIMATE COIL MODEL	CHANDLER COIL MODEL		Capacity Btu/hr	REFRIGERANT			Capacity Btu/hr	REFRIGERANT		
						22	404A	507		22	404A	507
					EVAPORATOR @ +25°F				EVAPORATOR @ +20°F			
BB-M11A	–	–	–	3/8" OD	1,100	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC	1,650	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC
BB-M16A					1,600				2,400		FS-1/6-C or Q-0(1/6T)-SC	FP-1/6-C or Q-0(1/6T)-PC
BB-MM11A					1,100				1,650		FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC
BB-MM16A					1,600				2,400		FS-1/6-C or Q-0(1/6T)-SC	FP-1/6-C or Q-0(1/6T)-PC
BB-MS11A					1,100				1,650		FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC
BB-MS16A					1,600				2,400		FS-1/6-C or Q-0(1/6T)-SC	FP-1/6-C or Q-0(1/6T)-PC
BTO(K)-09	RCA	LTW	HTO	1/2" OD	900	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC	1,350	FV-1/5-C or Q-0(1/3T)-VC	FS-1/8-C or Q-0(1/6T)-SC	FP-1/8-C or Q-0(1/6T)-PC
BTO(K)-13					1,300				1,950			
BTO(K)-18					1,800				2,700		FS-1/6-C or Q-0(1/6T)-SC	FP-1/6-C or Q-0(1/6T)-PC
BTO(K)-25 ①	RCA	LTW	HTO	1/2" OD	2,500	FVE-1/5-C or QE-0(1/3T)-VC	FSE-1/6-C or QE-0(1/6T)-SC	FPE-1/6-C or QE-0(1/6T)-PC	3,750	FVE-1/3-C or QE-0(1/3T)-VC	FSE-1/4-C or QE-1(1/4T)-SC	FPE-1/4-C or QE-1(1/4T)-PC
BTO(K)-35 ①					3,500	FVE-1/3-C or QE-0(1/3T)-VC	FSE-1/6-C or QE-1(1/4T)-SC	FPE-1/6-C or QE-1(1/4T)-PC	5,250	FVE-1/2-C or QE-1(3/4T)-VC	FSE-1/2-C or QE-1(1/4T)-SC	FPE-1/2-C or QE-1(1/4T)-PC
BTO(K)-45 ①					4,500		FSE-1/4-C or QE-1(1/4T)-SC	FPE-1/4-C or QE-1(1/4T)-PC	6,750			
BTO(K)-55 ①					5,500	FVE-1/2-C or QE-1(3/4T)-VC	FSE-1/2-C or QE-1(1/4T)-SC	FPE-1/2-C or QE-1(1/4T)-PC	8,250	FVE-1-C or QE-1(3/4T)-VC	FSE-1/2-C or QE-2(1/2T)-SC	FPE-1/2-C or QE-2(1/2T)-PC

LOW TEMPERATURE REACH-INS
-10°F FREEZER TEMPERATURE

HEATCRAFT				COIL INLET CONN	10°F TEMPERATURE DIFFERENCE			
BOHN COIL MODEL	LARKIN COIL MODEL	CLIMATE COIL MODEL	CHANDLER COIL MODEL		Capacity Btu/hr	REFRIGERANT		
						22	404A	507
					EVAPORATOR @ -10°F			
BB-L10A	–	–	–	3/8" OD	1,000	FV-1/5-Z or Q-0(1/3T)-VZ	FS-1/8-Z or Q-0(1/6T)-SZ	FS-1/8-Z or Q-0(1/6T)-SZ
BB-L15A					1,500			
BB-LM10A					1,000			
BB-LM15A					1,500			
BB-LS10A					1,000			
BB-LS15A					1,500			
TL-09 ⑳	WRIE	SFC	CCL	3/8" OD	900	FV-1/5-Z or Q-0(1/3T)-VZ	FS-1/8-Z or Q-0(1/6T)-SZ	FS-1/8-Z or Q-0(1/6T)-SZ
TL-12 ⑳					1,200			
TL-16 ⑳					1,600			
TL-21 ⑳					2,100			
TL-28 ⑳					2,800	FV-1/3-Z or Q-0(1/3T)-VZ	FS-1/6-Z or Q-1(1/6T)-SZ	FS-1/6-Z or Q-0(1/6T)-SZ
TL-35 ①⑳	WRIE	SFC	CCL	1/2" OD	3,500	FVE-1/2-Z or QE-1(3/4T)-VZ	FSE-1/4-Z or QE-1(1/4T)-SZ	FSE-1/4-Z or QE-1(1/4T)-SZ
TL-53 ①⑳					5,300		FSE-1/2-Z or QE-1(1/4T)-SZ	FSE-1/2-Z or QE-1(1/4T)-SZ

① Please note that Heatcraft provides internally equalized TEVs on all of the above models except for BTO-25, BTO-35, BTO-45, and BTO-55, TL-35, and TL-53.

⑳ TL has replaced the TE model coil.

AIR DEFROST

AIR DEFROST UNIT
55°F COOLER TEMPERATURE (+35°F EVAP)

HEATCRAFT				COIL INLET CONN	20°F TEMPERATURE DIFFERENCE			
BOHN COIL MODEL	LARKIN COIL MODEL	CLIMATE COIL MODEL	CHANDLER COIL MODEL		Capacity Btu/hr	REFRIGERANT		
						22	404A	507
					EVAPORATOR @ +35°F			
LO-40 ③	LFA	LVC	LAH	1/2" ODM	8,000	EFVE-1-C or SQE-1(3/4T)-VC	EFSE-1-C or SQE-2(1/2T)-SC	EFPE-1-C or SQE-2(1/2T)-PC
LO-58 ③					11,600	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC
LO-70 ③					14,000	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC		EFPE-1-1/2-C or SQE-4(1-1/2T)-PC
LO-87 ③					17,400		EFSE-1-1/2-C or SQE-4(1-1/2T)-SC	
LO-118 ③					23,600	EFVE-2-C or SQE-4(2-1/2T)-VC	EFSE-2-C or SQE-5(2T)-SC	EFPE-2-C or SQE-5(2T)-PC
LO-125 ③					25,000	EFVE-3-C or SQE-4(2-1/2T)-VC		
LO-150 ③					30,000	EFVE-3-C or SQE-5(3-1/2T)-VC	SSE-3-C or SQE-6(3T)-SC	SPE-3-C or SQE-6(3T)-PC
LO-165 ③					33,000			
LO-189 ③					37,800	SVE-3-C or SQE-5(3-1/2T)-VC		
LO-225 ③					45,000	SVE-4-C or SQE-6(5T)-VC	SSE-4-C	SPE-4-C
LO-266 ③					53,200			
WK-50 ④	LWA	CWA	HWA RGB (obsolete model)	1/2" ODM	10,000	EFVE-1-C SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC
WK-75 ④					15,000	EFVE-1-1/2-C SQE-3(1-1/2T)-VC	EFSE-1-1/2-C or SQE-4(1-1/2T)-SC	EFPE-1-1/2-C or SQE-4(1-1/2T)-PC
WK-100 ④					20,000	EFVE-2-C SQE-4(2-1/2T)-VC		
WK-130 ④				1-1/8" ODM	26,000	SVE-3-C or EQE-4(2-1/2T)-VC	SSE-2-C or EQE-5(2T)-SC	SPE-2-C or EQE-5(2T)-PC
WK-155 ④					31,000	SVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC
WK-180 ④					36,000			
WK-210 ④					42,000	SVE-4-C or EQE-6(5T)-VC	SSE-4-C	SPE-4-C
WK-270 ④				1-3/8" ODM	54,000	SVE-5-C or EQE-6(5T)-VC		
WK-340 ④					68,000	SVE-8-C	SSE-6-C	SPE-6-C

AIR DEFROST UNIT
35°F COOLER TEMPERATURE (+25°F EVAP) / (+20°F EVAP)

HEATCRAFT				COIL INLET CONN	10°F TEMPERATURE DIFFERENCE				15°F TEMPERATURE DIFFERENCE			
BOHN COIL MODEL	LARKIN COIL MODEL	CLIMATE COIL MODEL	CHANDLER COIL MODEL		Capacity Btu/hr	REFRIGERANT			Capacity Btu/hr	REFRIGERANT		
						22	404A	507		22	404A	507
					EVAPORATOR @ +25°F				EVAPORATOR @ +20°F			
LO-40 ③	LFA	LVC	LAH	1/2" ODM	4,000	EFVE-1/3-C or SQE-0(1/3T)-VC	EFSE-1/4-C or SQE-1(1/4T)-SC	EFPE-1/4-C or SQE-1(1/4T)-PC	6,000	EFVE-1/2-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-1(1/4T)-SC	EFPE-1/2-C or SQE-1(1/4T)-PC
LO-58 ③					5,800	EFVE-1/2-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-1(1/4T)-SC	EFPE-1/2-C or SQE-1(1/4T)-PC	8,700	EFVE-1-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-2(1/2T)-SC	EFPE-1-C or SQE-2(1/2T)-PC
LO-70 ③					7,000	EFVE-1-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-2(1/2T)-SC	EFPE-1/2-C or SQE-2(1/2T)-PC	10,500	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC
LO-87 ③					8,700		EFSE-1-C or SQE-2(1/2T)-SC	EFPE-1-C or SQE-2(1/2T)-PC	13,050			
LO-118 ③					11,800	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC	17,700	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC	EFSE-1-1/2-C or SQE-4(1-1/2T)-SC	EFPE-1-1/2-C or SQE-4(1-1/2T)-PC
LO-125 ③					12,500				18,750			
LO-150 ③					15,000	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC		EFPE-1-1/2-C or SQE-4(1-1/2T)-PC	22,500	EFVE-2-C or SQE-4(2-1/2T)-VC		EFPE-2-C or SQE-4(1-1/2T)-PC
LO-165 ③					16,500		EFSE-1-1/2-C or SQE-4(1-1/2T)-SC		24,750		EFSE-2-C or SQE-5(2T)-SC	EFPE-2-C or SQE-5(2T)-PC
LO-189 ③					18,900				28,350	EFVE-3-C or SQE-4(2-1/2T)-VC		
LO-225 ③					22,500	EFVE-2-C or SQE-4(2-1/2T)-VC		EFPE-2-C or SQE-4(1-1/2T)-PC	33,750	EFVE-3-C or SQE-5(3-1/2T)-VC	SSE-3-C or SQE-6(3T)-SC	SPE-3-C or SQE-6(3T)-PC
LO-266 ③					26,600	EFVE-3-C or SQE-4(2-1/2T)-VC	EFSE-2-C or SQE-5(2T)-SC	EFPE-2-C or SQE-5(2T)-PC	39,900			

③ Consolidated into one design in 1994.
Older model LO-40 thru LO-189 may have 1/2" Flare inlet connections.
Older model LO-266 may have 7/8" ODM connections.
LO-40 and LO-58 are obsolete.

④ Consolidated into one design in 1997.

AIR DEFROST UNIT

35°F COOLER TEMPERATURE (+25°F EVAP) / (+20°F EVAP)

HEATCRAFT				COIL INLET CONN	10°F TEMPERATURE DIFFERENCE				15°F TEMPERATURE DIFFERENCE			
BOHN COIL MODEL	LARKIN COIL MODEL	CLIMATE COIL MODEL	CHANDLER COIL MODEL		Capacity Btu/hr	REFRIGERANT			Capacity Btu/hr	REFRIGERANT		
						22	404A	507		22	404A	507
					EVAPORATOR @ +25°F				EVAPORATOR @ +20°F			
FM-36 ⑤	MT	HDC	RUA	1/2" SAE Flare Nut	3,600	FVE-1/3-C or QE-0(1/3T)-VC	FSE-1/4-C or QE-1(1/4T)-SC	FPE-1/4-C or QE-1(1/4T)-PC	5,400	FVE-1/2-C or QE-1(3/4T)-VC	FSE-1/2-C or QE-1(1/4T)-SC	FPE-1/2-C or QE-1(1/4T)-PC
FM-46 ⑤					4,600	FVE-1/2-C or QE-1(3/4T)-VC	FSE-1/2-C or QE-1(1/4T)-SC	FPE-1/2-C or QE-1(1/4T)-PC	6,900	FVE-1-C or QE-1(3/4T)-VC		FPE-1/2-C or QE-2(1/2T)-PC
FM-56 ⑤					5,600				8,400		FSE-1/2-C or QE-2(1/2T)-SC	FPE-1-C or QE-2(1/2T)-PC
FM-76 ⑤					7,600	FVE-1-C or QE-1(3/4T)-VC	FSE-1/2-C or QE-2(1/2T)-SC	FPE-1/2-C or QE-2(1/2T)-PC	11,400	FVE-1-C or QE-2(1T)-VC	FSE-1-C or QE-3(1T)-SC	FPE-1-C or QE-3(1T)-PC
FM-96 ⑤					9,600	FVE-1-C or QE-2(1T)-VC	FSE-1-C or QE-2(1/2T)-SC	FPE-1-C or QE-2(1/2T)-PC	14,400	FVE-1-1/2-C or QE-3(1-1/2T)-VC		
FM-380 ⑤				7/8" ODM	38,000	SVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC	57,000	SVE-4-C or EQE-6(5T)-VC	SSE-4-C	SPE-4-C
FM-450 ⑤					45,000	SVE-4-C or EQE-6(5T)-VC	SSE-4-C	SPE-4-C	67,500	SVE-5-C	SSE-6-C	SPE-6-C
FM-630 ⑤					63,000	SVE-5-C	SSE-6-C	SPE-6-C	94,500	SVE-8-C	SSE-10-C	SPE-10-C
FM-850 ⑤				1-3/8" ODM	85,000	SVE-8-C	SSE-7-C	SPE-7-C	127,500	SVE-10-C		
FM-1100 ⑤					110,000	SVE-10-C	SSE-10-C	SPE-10-C	165,000	OVE-15-C	OSE-12-C	OPE-12-C
FM-1400 ⑤				1-5/8" ODM	140,000	OVE-15-C	OSE-12-C	OPE-12-C	210,000	OVE-20-C	OSE-21-C	OPE-21-C
HR-35, HRW	HTA	–	–	3/8" SAE	3,500	FVE-1/3-C or QE-0(1/3T)-VC	FSE-1/6-C or QE-1(1/4T)-SC	FPE-1/4-C or QE-1(1/4T)-PC	5,250	FVE-1/2-C or QE-1(3/4T)-VC	FSE-1/2-C or QE-1(1/4T)-SC	FPE-1/2-C or QE-1(1/4T)-PC
HR-43, HRW					4,300		FSE-1/4-C or QE-1(1/4T)-SC		6,450			
HR-54, HRW					5,400	FVE-1/2-C or QE-1(3/4T)-VC	FSE-1/2-C or QE-1(1/4T)-SC	FPE-1/2-C or QE-1(1/4T)-PC	8,100	FVE-1-C or QE-1(3/4T)-VC	FSE-1/2-C or QE-2(1/2T)-SC	FPE-1/2-C or QE-2(1/2T)-PC
HR-69, HRW					6,900	FVE-1-C or QE-1(3/4T)-VC		FPE-1/2-C or QE-2(1/2T)-PC	10,350	FVE-1-C or QE-2(1T)-VC	FSE-1-C or QE-2(1/2T)-SC	FPE-1-C or QE-3(1T)-PC
HR-87, HRW					8,700		FSE-1-C or QE-2(1/2T)-SC	FPE-1-C or QE-2(1/2T)-PC	13,050		FSE-1-C or QE-3(1T)-SC	
HR-108, HRW					10,800	FVE-1-C or QE-2(1T)-VC	FSE-1-C or QE-3(1T)-SC	FPE-1-C or QE-3(1T)-PC	16,200	FVE-1-1/2-C or QE-3(1-1/2T)-VC	FSE-1-1/2-C or QE-4(1-1/2T)-SC	FPE-1-1/2-C or QE-4(1-1/2T)-PC
HR-149, HRW					14,900	FVE-1-1/2-C or QE-3(1-1/2T)-VC			22,350	FVE-2-C or QE-4(2-1/2T)-VC		
HR-180, HRW					18,000		FSE-1-1/2-C or QE-4(1-1/2T)-SC	FPE-1-1/2-C or QE-4(1-1/2T)-PC	27,000	FVE-3-C or QE-4(2-1/2T)-VC	FSE-2-C or QE-5(2T)-SC	FPE-2-C or QE-5(2T)-PC
ADT-40	ACP LCA	LSC	RLC	1/2" ODM	4,000	EFVE-1/3-C or SQE-0(1/3T)-VC	EFSE-1/4-C or SQE-1(1/4T)-SC	EFPE-1/4-C or SQE-1(1/4T)-PC	6,000	EFVE-1/2-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-1(1/4T)-SC	EFPE-1/2-C or SQE-1(1/4T)-PC
ADT-52					5,200	EFVE-1/2-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-1(1/4T)-SC	EFPE-1/2-C or SQE-1(1/4T)-PC	7,800	EFVE-1-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-2(1/2T)-SC	EFPE-1/2-C or SQE-2(1/2T)-PC
ADT-65					6,500	EFVE-1-C or SQE-1(3/4T)-VC			9,750		EFSE-1-C or SQE-2(1/2T)-SC	EFPE-1-C or SQE-2(1/2T)-PC
ADT-70					7,000		EFSE-1/2-C or SQE-2(1/2T)-SC	EFPE-1/2-C or SQE-2(1/2T)-PC	10,500	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC
ADT-90					9,000		EFSE-1-C or SQE-2(1/2T)-SC	EFPE-1-C or SQE-2(1/2T)-PC	13,500	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC		
ADT-104					10,400	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC	15,600		EFSE-1-C or SQE-4(1-1/2T)-SC	EFPE-1-1/2-C or SQE-4(1-1/2T)-PC
ADT-120					12,000				18,000		EFSE-1-1/2-C or SQE-4(1-1/2T)-SC	
ADT-130					13,000	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC			19,500			
ADT-140					14,000				21,000	EFVE-1-1/2-C or SQE-4(2-1/2T)-SC		
ADT-156					15,600		EFSE-1-1/2-C or SQE-4(1-1/2T)-SC	EFPE-1-1/2-C or SQE-4(1-1/2T)-PC	23,400	EFVE-2-C or SQE-4(2-1/2T)-VC	EFSE-2-C or SQE-4(1-1/2T)-SC	EFPE-2-C or SQE-4(1-1/2T)-PC
ADT-180					18,000				27,000	EFVE-3-C or SQE-4(2-1/2T)-VC	EFSE-2-C or SQE-5(2T)-SC	EFPE-2-C or SQE-5(2T)-PC
ADT-208					20,800	EFVE-2-C or SQE-4(2-1/2T)-VC			31,200		SSE-3-C or SQE-5(2T)-SC	SPE-3-C or SQE-5(2T)-PC
ADT-260					26,000	EFVE-3-C or SQE-4(2-1/2T)-VC	EFSE-2-C or SQE-5(2T)-SC	EFPE-2-C or SQE-5(2T)-PC	39,000	EFVE-3-C or SQE-5(3-1/2T)-VC	SSE-3-C or SQE-6(3T)-SC	SPE-3-C or SQE-6(3T)-PC
ADT-312					31,200		SSE-3-C or SQE-5(2T)-SC	SPE-3-C or SQE-6(3T)-PC	46,800	SVE-4-C or SQE-6(5T)-VC	SSE-4-C	SPE-4-C
ADT-370				5/8" ODM	37,000	EFVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC	55,500	SVE-4-C or EQE-6(5T)-VC		

⑤ The FM series models were phased out in 1998. The FM 36 thru 96 were upgraded to ADT in the early 1970's. The FM 380 and 450 were upgraded to MPA in the mid 70s and then to the BMA in 1996. The FM 630 and 1400 were upgraded to BHA in 1998. FM models are no longer manufactured.

AIR DEFROST UNIT

35°F COOLER TEMPERATURE (+25°F EVAP) / (+20°F EVAP)

HEATCRAFT				COIL INLET CONN	10°F TEMPERATURE DIFFERENCE				15°F TEMPERATURE DIFFERENCE			
BOHN COIL MODEL	LARKIN COIL MODEL	CLIMATE COIL MODEL	CHANDLER COIL MODEL		Capacity Btu/hr	REFRIGERANT			Capacity Btu/hr	REFRIGERANT		
						22	404A	507		22	404A	507
					EVAPORATOR @ +25°F				EVAPORATOR @ +20°F			
LSC-120 ⑥	ACP4	LFC	FLC	5/8" ODM	12,000	EFVE-1-C or EQE-2(1T)-VC	EFSE-1-C or EQE-3(1T)-SC	EFPE-1-C or EQE-3(1T)-PC	18,000	EFVE-1-1/2-C or EQE-3(1-1/2T)-VC	EFSE-1-1/2-C or EQE-4(1-1/2T)-SC	EFPE-1-1/2-C or EQE-4(1-1/2T)-PC
LSC-160 ⑥				7/8" ODM	16,000	SVE-1-1/2-C or EQE-3(1-1/2T)-VC	SSE-1-1/2-C or EQE-4(1-1/2T)-SC	SPE-1-1/2-C or EQE-4(1-1/2T)-PC	24,000	SVE-2-C or EQE-4(2-1/2T)-VC	SSE-2-C or EQE-4(1-1/2T)-SC	SPE-2-C or EQE-4(1-1/2T)-PC
LSC-200 ⑥					20,000	SVE-1-1/2-C or EQE-4(2-1/2T)-VC			30,000	SVE-3-C or EQE-4(2-1/2T)-VC	SSE-2-C or EQE-5(2T)-SC	SPE-2-C or EQE-5(2T)-PC
LSC-240 ⑥					24,000	SVE-2-C or EQE-4(2-1/2T)-VC	SSE-2-C or EQE-4(1-1/2T)-SC	SPE-2-C or EQE-4(1-1/2T)-PC	36,000	SVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC
SM-46	ACM	TLC	TLH	1/2" ODM	4,600	EFVE-1/2-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-1(1/4T)-SC	EFPE-1/2-C or SQE-1(1/4T)-PC	6,900	EFVE-1-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-1(1/4T)-SC	EFPE-1/2-C or SQE-2(1/2T)-PC
SM-52					5,200				7,800		EFSE-1/2-C or SQE-2(1/2T)-SC	
SM-76					7,600	EFVE-1-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-2(1/2T)-SC	EFPE-1/2-C or SQE-2(1/2T)-PC	11,400	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC
SM-90					9,000		EFSE-1-C or SQE-2(1/2T)-SC	EFPE-1-C or SQE-2(1/2T)-PC	13,500	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC		
SM-102					10,200	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC	15,300			EFPE-1-C or SQE-4(1-1/2T)-PC
SM-108					10,800				16,200		EFSE-1-1/2-C or SQE-4(1-1/2T)-SC	EFPE-1-1/2-C or SQE-4(1-1/2T)-PC
SM-134					13,400	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC			20,100	EFVE-1-1/2-C or SQE-4(2-1/2T)-VC		
SM-156					15,600		EFSE-1-1/2-C or SQE-4(1-1/2T)-SC	EFPE-1-1/2-C or SQE-4(1-1/2T)-PC	23,400	EFVE-2-C or SQE-4(2-1/2T)-VC	EFSE-2-C or SQE-4(1-1/2T)-SC	EFPE-2-C or SQE-4(1-1/2T)-PC
SM-179					17,900				26,850	EFVE-3-C or SQE-4(2-1/2T)-VC	EFSE-2-C or SQE-5(2T)-SC	EFPE-2-C or SQE-5(2T)-PC
SM-208					20,800	EFVE-2-C or SQE-4(2-1/2T)-VC			31,200		SSE-3-C or SQE-5(2T)-SC	SPE-3-C or SQE-5(2T)-PC
SM-249					24,900		EFSE-2-C or SQE-5(2T)-SC	EFPE-2-C or SQE-5(2T)-PC	37,350	EFVE-3-C or SQE-5(3-1/2T)-VC	SSE-3-C or SQE-6(3T)-SC	SPE-3-C or SQE-6(3T)-PC
WK-50 ⑦	LWA	CWA	HWA RGB (obsolete model)	1/2" ODM	5,000	EFVE-1/2-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-1(1/4T)-SC	EFPE-1/2-C or SQE-1(1/4T)-PC	7,500	EFVE-1-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-2(1/2T)-SC	EFPE-1/2-C or SQE-2(1/2T)-PC
WK-75 ⑦					7,500	EFVE-1-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-2(1/2T)-SC	EFPE-1/2-C or SQE-2(1/2T)-PC	11,250	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC
WK-100 ⑦					10,000	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC	15,000	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC		EFPE-1-C or SQE-4(1-1/2T)-PC
WK-130 ⑦				1-1/8" ODM	13,000	SVE-1-1/2-C or EQE-3(1-1/2T)-VC	SSE-1-C or EQE-3(1T)-SC	SPE-1-C or EQE-3(1T)-PC	19,500	SVE-1-1/2-C or EQE-3(1-1/2T)-VC	SSE-1-1/2-C or EQE-4(1-1/2T)-SC	SPE-1-1/2-C or EQE-4(1-1/2T)-PC
WK-155 ⑦					15,500		SSE-1-1/2-C or EQE-4(1-1/2T)-SC	SPE-1-1/2-C or EQE-4(1-1/2T)-PC	23,250	SVE-2-C or EQE-4(2-1/2T)-VC	SSE-2-C or EQE-4(1-1/2T)-SC	SPE-2-C or EQE-4(1-1/2T)-PC
WK-180 ⑦					18,000				27,000	SVE-3-C or EQE-4(2-1/2T)-VC	SSE-2-C or EQE-5(2T)-SC	SPE-2-C or EQE-5(2T)-PC
WK-210 ⑦					21,000	SVE-2-C or EQE-4(2-1/2T)-VC			31,500		SSE-3-C or EQE-5(2T)-SC	SPE-3-C or EQE-5(2T)-PC
WK-270 ⑦				1-3/8" ODM	27,000	SVE-3-C or EQE-4(2-1/2T)-VC	SSE-2-C or EQE-5(2T)-SC	SPE-2-C or EQE-5(2T)-PC	40,500	SVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC
WK-340 ⑦					34,000	SVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC	51,000	SVE-4-C or EQE-6(5T)-VC	SSE-4-C	SPE-4-C
MPA-115 ⑨	AMT	WVC	ROA	5/8" ODM ⑧	11,500	EFVE-1-C or EQE-2(1T)-VC	EFSE-1-C or EQE-3(1T)-SC	EFPE-1-C or EQE-3(1T)-PC	17,250	EFVE-1-1/2-C or EQE-3(1-1/2T)-VC	EFSE-1-1/2-C or EQE-4(1-1/2T)-SC	EFPE-1-1/2-C or EQE-4(1-1/2T)-PC
MPA-140 ⑨					14,000	EFVE-1-1/2-C or EQE-3(1-1/2T)-VC			21,000	EFVE-1-1/2-C or EQE-4(2-1/2T)-VC		
MPA-175 ⑨				7/8" ODM	17,500	SVE-1-1/2-C or EQE-3(1-1/2T)-VC	SSE-1-1/2-C or EQE-4(1-1/2T)-SC	SPE-1-1/2-C or EQE-4(1-1/2T)-PC	26,250	SVE-2-C or EQE-4(2-1/2T)-VC	SSE-2-C or EQE-5(2T)-SC	SPE-2-C or EQE-5(2T)-PC
MPA-245 ⑨				1-1/8" ODM	24,500	SVE-2-C or EQE-4(2-1/2T)-VC	SSE-2-C or EQE-4(1-1/2T)-SC	SPE-2-C or EQE-4(1-1/2T)-PC	36,750	SVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC
MPA-300 ⑨					30,000	SVE-3-C or EQE-4(2-1/2T)-VC	SSE-2-C or EQE-5(2T)-SC	SPE-2-C or EQE-5(2T)-PC	45,000	SVE-4-C or EQE-5(3-1/2T)-VC	SSE-4-C	SPE-4-C
MPA-365 ⑨					36,500	SVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC	54,750	SVE-4-C or EQE-6(5T)-VC		
MPA-450 ⑨				1-3/8" ODM	45,000	SVE-4-C or EQE-6(5T)-VC	SSE-4-C	SPE-4-C	67,500	SVE-5-C	SSE-6-C	SPE-6-C
MPA-600 ⑨					60,000	SVE-5-C or EQE-6(5T)-VC			90,000	SVE-8-C	SSE-7-C	SPE-7-C
BHA-520 ⑩	LHA6 LHA8	CHA	HHA	1-3/8" ODF	52,000	SVE-4-C or EQE-6(5T)-VC	SSE-4-C	SPE-4-C	78,000	SVE-8-C	SSE-7-C	SPE-7-C
BHA-630 ⑩					63,000	SVE-5-C	SSE-6-C	SPE-6-C	94,500		SSE-10-C	SPE-10-C
BHA-750 ⑩					75,000	SVE-8-C		SPE-7-C	112,500	SVE-10-C		
BHA-850 ⑩				1-5/8" ODF	85,000		SSE-7-C		127,500			
BHA-930 ⑩				1-3/8" ODF	93,000				139,500	OVE-15-C	OSE-12-C	OPE-12-C

⑥ Phased out in the 1970s.
⑦ Consolidated into one design in 1997.
⑧ Adaptor makes conversion to 1/2" SAE Flare Nut (included with coil).
⑨ MPA line was upgraded to BMA line in 1996.
⑩ All models are 6 FPI except for 2160, 2500, and 2780 which are 8 FPI.

AIR DEFROST UNIT

35°F COOLER TEMPERATURE (+25°F EVAP) / (+20°F EVAP)

HEATCRAFT				COIL INLET CONN	10°F TEMPERATURE DIFFERENCE				15°F TEMPERATURE DIFFERENCE			
BOHN COIL MODEL	LARKIN COIL MODEL	CLIMATE COIL MODEL	CHANDLER COIL MODEL		Capacity Btu/hr	REFRIGERANT			Capacity Btu/hr	REFRIGERANT		
						22	404A	507		22	404A	507
					EVAPORATOR @ +25°F				EVAPORATOR @ +20°F			
BHA-1100 ⑩	LHA6 LHA8	CHA	HHA	1-5/8" ODF	110,000	SVE-10-C	SSE-10-C	SPE-10-C	165,000	OVE-15-C	OSE-12-C	OPE-12-C
BHA-1170 ⑩					117,000				175,500			
BHA-1400 ⑩					140,000	OVE-15-C		OPE-12-C	210,000	OVE-20-C	OSE-21-C	OPE-21-C
BHA-1610 ⑩				(2) 1-3/8" ODF	161,000		OSE-12-C		241,500			
BHA-1900 ⑩				1-3/8" ODF	190,000		OSE-21-C	OPE-21-C	285,000	OVE-30-C		
BHA-2200 ⑩					220,000	OVE-20-C			330,000		OSE-30-C	OPE-30-C
BHA-2440 ⑩				1-5/8" ODF	244,000				366,000			
BHA-2160 ⑩				1-3/8" ODF	216,000				324,000			
BHA-2500 ⑩					250,000				375,000			
BHA-2780 ⑩					278,000	OVE-30-C			417,000	OVE-40-C		
BMA-130 ⑪	MMT6	CMA	HMA	1/2" ODF	13,000	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC	19,500	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC	EFSE-1-1/2-C or SQE-4(1-1/2T)-SC	EFPE-1-1/2-C or SQE-4(1-1/2T)-PC
BMA-155 ⑪					15,500		EFSE-1-C or SQE-4(1-1/2T)-SC	EFPE-1-1/2-C or SQE-4(1-1/2T)-PC	23,250	EFVE-2-C or SQE-4(2-1/2T)-VC	EFSE-2-C or SQE-4(1-1/2T)-SC	EFPE-2-C or SQE-4(1-1/2T)-PC
BMA-245 ⑪				7/8" ODF	24,500	EFVE-2-C or EQE-4(2-1/2T)-VC	EFSE-2-C or EQE-4(1-1/2T)-SC	EFPE-2-C or EQE-5(2T)-PC	36,750	SVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC
BMA-300 ⑪					30,000	EFVE-3-C or EQE-4(2-1/2T)-VC	EFSE-2-C or EQE-5(2T)-SC		45,000	SVE-4-C or EQE-5(3-1/2T)-VC	SSE-4-C	SPE-4-C
BMA-365 ⑪					36,500	EFVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC	54,750	SVE-4-C or EQE-6(5T)-VC		
BMA-450 ⑪				1-1/8" ODF	45,000	SVE-4-C or EQE-6(5T)-VC	SSE-4-C	SPE-4-C	67,500	SVE-5-C or EQE-6(5T)-VC	SSE-6-C	SPE-6-C
BMA-510 ⑪					51,000				76,500	SVE-8-C	SSE-7-C	SPE-7-C
BMA-600 ⑪					60,000	SVE-5-C or EQE-6(5T)-VC			90,000			
BMA-710 ⑪					71,000	SVE-8-C	SSE-6-C	SPE-6-C	106,500	SVE-10-C	SSE-10-C	SPE-10-C

ELECTRIC DEFROST

ELECTRIC DEFROST UNIT

30°F COOLER TEMPERATURE (+20°F EVAP) / -10°F FREEZER TEMPERATURE (-20°F EVAP)

HEATCRAFT				COIL INLET CONN	10°F TEMPERATURE DIFFERENCE				10°F TEMPERATURE DIFFERENCE			
BOHN COIL MODEL	LARKIN COIL MODEL	CLIMATE COIL MODEL	CHANDLER COIL MODEL		Capacity Btu/hr	REFRIGERANT			Capacity Btu/hr	REFRIGERANT		
						22	404A	507		22	404A	㉑ 507
					EVAPORATOR @ +20°F				EVAPORATOR @ -20°F			
LET-35 ⑫	LCE	LSF	ELC	1/2" ODM	4,025	EFVE-1/3-C or SQE-0(1/3T)-VC	EFSE-1/4-C or SQE-1(1/4T)-SC	EFPE-1/4-C or SQE-1(1/4T)-PC	3,500	EFVE-1/2-Z or SQE-1(3/4T)-VZ	EFSE-1/4-Z or SQE-1(1/4T)-SZ	㉑ EFSE-1/4-Z or SQE-1(1/4T)-SZ
LET-40 ⑫					4,600	EFVE-1/2-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-1(1/4T)-SC	EFPE-1/2-C or SQE-1(1/4T)-PC	4,000		EFSE-1/2-Z or SQE-1(1/4T)-SZ	㉑ EFSE-1/2-Z or SQE-1(1/4T)-SZ
LET-47 ⑫					5,405				4,700			
LET-65 ⑫					7,475	EFVE-1-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-2(1/2T)-SC	EFPE-1/2-C or SQE-2(1/2T)-PC	6,500	EFVE-1-Z or SQE-1(3/4T)-VZ	EFSE-1/2-Z or SQE-2(1/2T)-SZ	㉑ EFSE-1/2-Z or SQE-2(1/2T)-SZ
LET-75 ⑫					8,625		EFSE-1-C or SQE-2(1/2T)-SC	EFPE-1-C or SQE-2(1/2T)-PC	7,500	EFVE-1-Z or SQE-2(1T)-VZ	EFSE-1-Z or SQE-3(1T)-SZ	㉑ EFSE-1-Z or SQE-3(1T)-SZ
LET-090 ⑫					10,350	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC	9,000			
LET-120 ⑫					13,800	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC			12,000	EFVE-1-1/2-Z or SQE-4(2-1/2T)-VZ	EFSE-1-Z or SQE-4(1-1/2T)-SZ	㉑ EFSE-1-Z or SQE-4(1-1/2T)-SZ
LET-140 ⑫					16,100		EFSE-1-1/2-C or SQE-4(1-1/2T)-SC	EFPE-1-1/2-C or SQE-4(1-1/2T)-PC	14,000	EFVE-2-Z or SQE-4(2-1/2T)-VZ	EFSE-1-1/2-Z or SQE-4(1-1/2T)-SZ	㉑ EFSE-1-1/2-Z or SQE-4(1-1/2T)-SZ
LET-160 ⑫					18,400				16,000			
LET-180 ⑫					20,700	EFVE-2-C or SQE-4(2-1/2T)-VC			18,000			
LET-200 ⑫					23,000		EFSE-2-C or SQE-4(1-1/2T)-SC	EFPE-2-C or SQE-4(1-1/2T)-PC	20,000		EFSE-2-Z or SQE-5(2T)-SZ	㉑ EFSE-2-Z or SQE-5(2T)-SZ
LET-240 ⑫					27,600	EFVE-3-C or SQE-4(2-1/2T)-VC	EFSE-2-C or SQE-5(2T)-SC	EFPE-2-C or SQE-5(2T)-PC	24,000	EFVE-3-Z or SQE-5(3-1/2T)-VZ		
LET-280 ⑫					32,200		SSE-3-C or SQE-6(3T)-SC	SPE-3-C or SQE-6(3T)-PC	28,000		EFSE-2-Z or SQE-6(3T)-SZ	㉑ EFSE-2-Z or SQE-6(3T)-SZ

⑩ All models are 6 FPI except for 2160, 2500, and 2780 which are 8 FPI.
⑪ All models are 6 FPI.
⑫ Older model LET had 1/2" SAE Flare Nut inlet connections. Older model LLE-102 had 5/8" ODM. Older model LLE-136, 170, and 204 had 7/8" ODM inlet connections.
㉑ For low temperature applications, a 404A valve can be used in place of a 507 valve.

ELECTRIC DEFROST UNIT

30°F COOLER TEMPERATURE (+20°F EVAP) / -10°F FREEZER TEMPERATURE (-20°F EVAP)

HEATCRAFT				COIL INLET CONN	10°F TEMPERATURE DIFFERENCE				10°F TEMPERATURE DIFFERENCE			
BOHN COIL MODEL	LARKIN COIL MODEL	CLIMATE COIL MODEL	CHANDLER COIL MODEL		Capacity Btu/hr	REFRIGERANT			Capacity Btu/hr	REFRIGERANT		
						22	404A	507		22	404A	㉒ 507
					EVAPORATOR @ +20°F				EVAPORATOR @ -20°F			
LLE-041 ⑫	LCE4	LFF	EFC	1/2" ODM	4,715	EFVE-1/2-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-1(1/4T)-SC	EFPE-1/2-C or SQE-1(1/4T)-PC	4,100	EFVE-1/2-Z or SQE-1(3/4T)-VZ	EFSE-1/2-Z or SQE-1(1/4T)-SZ	㉒ EFSE-1/2-Z or SQE-1(1/4T)-SZ
LLE-068 ⑫					7,820	EFVE-1-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-2(1/2T)-SC	EFPE-1/2-C or SQE-2(1/2T)-PC	6,800	EFVE-1-Z or SQE-1(3/4T)-VZ	EFSE-1/2-Z or SQE-2(1/2T)-SZ	㉒ EFSE-1/2-Z or SQE-2(1/2T)-SZ
LLE-080 ⑫					9,200	EFVE-1-C or SQE-1(3/4T)-VC	EFSE-1-C or SQE-2(1/2T)-SC	EFPE-1-C or SQE-2(1/2T)-PC	8,000	EFVE-1-Z or SQE-2(1T)-VZ	EFSE-1-Z or SQE-3(1T)-SZ	㉒ EFSE-1-Z or SQE-3(1T)-SZ
LLE-102 ⑫					11,730	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC	10,200	EFVE-1-1/2-Z or SQE-3(1-1/2T)-VZ	EFSE-1-Z or SQE-3(1T)-SZ	㉒ EFSE-1-Z or SQE-3(1T)-SZ
LLE-136 ⑫					15,640	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC	EFSE-1-1/2-C or SQE-4(1-1/2T)-SC	EFPE-1-1/2-C or SQE-4(1-1/2T)-PC	13,600	EFVE-2-Z or SQE-4(2-1/2T)-VZ	EFSE-1-Z or SQE-4(1-1/2T)-SZ	㉒ EFSE-1-Z or SQE-4(1-1/2T)-SZ
LLE-170 ⑫					19,550	EFVE-1-1/2-C or SQE-4(2-1/2T)-VC			17,000		EFSE-1-1/2-C or SQE-4(1-1/2T)-SZ	㉒ EFSE-1-1/2-Z or SQE-4(1-1/2T)-SZ
LLE-204 ⑫					23,480	EFVE-2-C or SQE-4(2-1/2T)-VC	EFSE-2-C or SQE-4(1-1/2T)-SC	EFPE-2-C or SQE-5(2T)-PC	20,400		EFSE-2-Z or SQE-5(2T)-SZ	㉒ EFSE-2-Z or SQE-5(2T)-SZ
LLE-235 ⑫					27,025	EFVE-3-C or SQE-4(2-1/2T)-VC	EFSE-2-C or SQE-5(2T)-SC	EFPE-2-C or SQE-5(2T)-PC	23,500	EFVE-3-Z or SQE-4(2-1/2T)-VZ	EFSE-2-Z or SQE-5(2T)-SZ	㉒ EFSE-2-Z or SQE-5(2T)-SZ
SME-040 ⑬	ECM	TLF	TLL	1/2" ODM	4,600	EFVE-1/2-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-1(1/4T)-SC	EFPE-1/2-C or SQE-1(1/4T)-PC	4,000	EFVE-1/2-Z or SQE-1(3/4T)-VZ	EFSE-1/2-Z or SQE-1(1/4T)-SZ	㉒ EFSE-1/2-Z or SQE-1(1/4T)-SZ
SME-054 ⑬					6,210				5,400			
SME-065 ⑬					7,475	EFVE-1-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-2(1/2T)-SC	EFPE-1/2-C or SQE-2(1/2T)-PC	6,500	EFVE-1-Z or SQE-1(3/4T)-VZ	EFSE-1/2-Z or SQE-2(1/2T)-SZ	㉒ EFSE-1/2-Z or SQE-2(1/2T)-SZ
SME-090 ⑬					10,350	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC	9,000	EFVE-1-Z or SQE-2(1T)-VZ	EFSE-1-Z or SQE-3(1T)-SZ	㉒ EFSE-1-Z or SQE-3(1T)-SZ
SME-130 ⑬					14,950	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC		EFPE-1-C or SQE-4(1-1/2T)-PC	13,000	EFVE-1-1/2-Z or SQE-4(2-1/2T)-VZ	EFSE-1-Z or SQE-4(1-1/2T)-SZ	㉒ EFSE-1-Z or SQE-4(1-1/2T)-SZ
SME-174 ⑬					20,010	EFVE-1-1/2-C or SQE-4(2-1/2T)-VC	EFSE-1-1/2-C or SQE-4(1-1/2T)-SC	EFPE-1-1/2-C or SQE-4(1-1/2T)-PC	17,400	EFVE-2-Z or SQE-4(2-1/2T)-VZ	EFSE-1-1/2-Z or SQE-4(1-1/2T)-SZ	㉒ EFSE-1-1/2-Z or SQE-4(1-1/2T)-SZ
BME-101 ⑭	MLT6	CME	HME	1/2" ODF	11,615	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC	10,100	EFVE-1-1/2-Z or SQE-3(1-1/2T)-VZ	EFSE-1-Z or SQE-3(1T)-SZ	㉒ EFSE-1-Z or SQE-3(1T)-SZ
BME-140 ⑭					16,100	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC	EFSE-1-1/2-C or SQE-4(1-1/2T)-SC	EFPE-1-1/2-C or SQE-4(1-1/2T)-PC	14,000	EFVE-2-Z or SQE-4(2-1/2T)-VZ	EFSE-1-1/2-Z or SQE-4(1-1/2T)-SZ	㉒ EFSE-1-1/2-Z or SQE-4(1-1/2T)-SZ
BME-190 ⑭				7/8" ODF	21,850	EFVE-2-C or EQE-4(2-1/2T)-VC	EFSE-1-1/2-C or EQE-4(1-1/2T)-SC	EFPE-1-1/2-C or EQE-4(1-1/2T)-PC	19,000	SVE-2-Z or EQE-4(2-1/2T)-VZ	SSE-2-Z or EQE-5(2T)-SZ	㉒ SSE-2-Z or EQE-5(2T)-SZ
BME-260 ⑭				1-1/8" ODF	29,900	EFVE-3-C or EQE-4(2-1/2T)-VC	EFSE-2-C or EQE-5(2T)-SC	SPE-3-C or EQE-6(3T)-PC	26,000	SVE-4-Z or EQE-5(3-1/2T)-VZ	SSE-3-Z or EQE-6(3T)-SZ	㉒ SSE-3-Z or EQE-6(3T)-SZ
BME-310 ⑭					35,650	EFVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC		31,000		SSE-4-Z	㉒ SSE-4-Z
BME-390 ⑭					44,850	SVE-4-C or EQE-5(3-1/2T)-VC	SSE-4-C	SPE-4-C	39,000	SVE-5-Z or EQE-6(5T)-VZ		
BME-430 ⑭					49,450	SVE-4-C or EQE-6(5T)-VC			43,000			
BME-520 ⑭					59,800	SVE-5-C or EQE-6(5T)-VC		SPE-6-C	52,000	SVE-8-Z	SSE-6-Z	㉒ SSE-6-Z
BME-620 ⑭					71,300	SVE-8-C	SSE-6-C		62,000	SVE-10-Z	SSE-7-Z	SSE-7-Z
BML-100 ⑮	MLT4	CML	HML	1/2" ODF	11,500	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC	10,000	EFVE-1-1/2-Z or SQE-3(1-1/2T)-VZ	EFSE-1-Z or SQE-3(1T)-SZ	㉒ EFSE-1-Z or SQE-3(1T)-SZ
BML-165 ⑮				7/8" ODF	18,975	EFVE-1-1/2-C or EQE-3(1-1/2T)-VC	EFSE-1-1/2-C or EQE-4(1-1/2T)-SC	EFPE-1-1/2-C or EQE-4(1-1/2T)-PC	16,500	SVE-2-Z or EQE-4(2-1/2T)-VZ	SSE-1-1/2-Z or EQE-4(1-1/2T)-SZ	㉒ SSE-1-1/2-Z or EQE-4(1-1/2T)-SZ
BML-220 ⑮				1-1/8" ODF	25,300	EFVE-2-C or EQE-4(2-1/2T)-VC	EFSE-2-C or EQE-5(2T)-SC	EFPE-2-C or EQE-5(2T)-PC	22,000	SVE-3-Z or EQE-4(2-1/2T)-VZ	SSE-2-Z or EQE-5(2T)-SZ	㉒ SSE-2-Z or EQE-5(2T)-SZ
BML-250 ⑮					28,750	EFVE-3-C or EQE-4(2-1/2T)-VC			25,000	SVE-4-Z or EQE-5(3-1/2T)-VZ	SSE-3-Z or EQE-6(3T)-SZ	㉒ SSE-3-Z or EQE-6(3T)-SZ
BML-330 ⑮					37,950	EFVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC	33,000	SVE-4-Z or EQE-6(5T)-VZ	SSE-4-Z	㉒ SSE-4-Z
BML-370 ⑮					42,550	SVE-4-C or EQE-5(3-1/2T)-VC		SPE-4-C	37,000	SVE-5-Z or EQE-6(5T)-VZ		
BML-440 ⑮					50,600	SVE-4-C or EQE-6(5T)-VC	SSE-4-C		44,000	SVE-8-Z	SSE-6-Z	㉒ SSE-6-Z
BML-530 ⑮					60,950	SVE-5-C or EQE-6(5T)-VC		SPE-6-C	53,000			
LOD-70	LFAE	LVD	LAL	1/2" ODM	7,000	EFVE-1-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-2(1/2T)-SC	EFPE-1/2-C or SQE-2(1/2T)-PC	—			
LOD-87					8,700		EFSE-1-C or SQE-2(1/2T)-SC	EFPE-1-C or SQE-2(1/2T)-PC				
LOD-118					11,800	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC				
LOD-125					12,500							
LOD-150					15,000	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC		EFPE-1-1/2-C or SQE-4(1-1/2T)-PC				
LOD-165					16,500		EFSE-1-1/2-C or SQE-4(1-1/2T)-SC	EFPE-1-1/2-C or SQE-4(1-1/2T)-PC				
LOD-189					18,900							
LOD-225					22,500	EFVE-2-C or SQE-4(2-1/2T)-VC		EFPE-2-C or SQE-4(1-1/2T)-PC				
LOD-266					26,600	EFVE-3-C or SQE-4(2-1/2T)-VC	EFSE-2-C or SQE-5(2T)-SC	EFPE-2-C or SQE-5(2T)-PC				

⑫ Older model LET had 1/2" SAE Flare Nut inlet connections. Older model LLE-102 had 5/8" ODM. Older model LLE-136, 170, and 204 had 7/8" ODM inlet connections. Shaded area indicates 4 fins/inch.

⑬ Older SME models had 1/2" SAE Flare Nut inlet connections. Older SME 035 was rated 4100 Btu/hr.

⑭ BME has 6 fins/inch. All BME models have 1/4" OD external equalizer connections.

⑮ BML has 4 fins/inch. All BML models have 1/4" OD external equalizer connections.

㉒ For low temperature applications, a 404A valve can be used in place of a 507 valve.

ELECTRIC DEFROST UNIT

30°F COOLER TEMPERATURE (+20°F EVAP) / -10°F FREEZER TEMPERATURE (-20°F EVAP)

HEATCRAFT				COIL INLET CONN	10°F TEMPERATURE DIFFERENCE				10°F TEMPERATURE DIFFERENCE			
BOHN COIL MODEL	LARKIN COIL MODEL	CLIMATE COIL MODEL	CHANDLER COIL MODEL		Capacity Btu/hr	REFRIGERANT			Capacity Btu/hr	REFRIGERANT		
						22	404A	507		22	404A	507
					EVAPORATOR @ +20°F				EVAPORATOR @ -20°F			
WKE-50 ⑯	LWE	CWE	HWE	1/2" ODM	5,000	EFVE-1/2-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-1(1/4T)-SC	EFPE-1/2-C or SQE-1(1/4T)-PC	—			
WKE-75 ⑯					7,500	EFVE-1-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-2(1/2T)-SC	EFPE-1/2-C or SQE-2(1/2T)-PC				
WKE-100 ⑯					10,000	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-2(1/2T)-SC	EFPE-1-C or SQE-2(1/2T)-PC				
WKE-130 ⑯				1-1/8" ODM	13,000	SVE-1-1/2-C or EQE-3(1-1/2T)-VC	SSE-1-C or EQE-3(1T)-SC	SPE-1-C or EQE-3(1T)-PC				
WKE-155 ⑯					15,500							
WKE-180 ⑯					18,000		SSE-1-1/2-C or EQE-4(1-1/2T)-SC	SPE-1-1/2-C or EQE-4(1-1/2T)-PC				
WKE-210 ⑯					21,000	SVE-2-C or EQE-4(2-1/2T)-VC						
WKE-270 ⑯				1-3/8" ODM	27,000	SVE-3-C or EQE-4(2-1/2T)-VC	SSE-2-C or EQE-5(2T)-SC	SPE-2-C or EQE-5(2T)-PC				
WKE-340 ⑯					34,000	SVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC				
BHE-450	LHE6	CHE	HHE	1-1/8" ODM	51,750	SVE-4-C	SSE-4-C	SPE-4-C	45,000	SVE-8-Z	SSE-6-Z	㉓ SSE-6-Z
BHE-550					63,250	SVE-5-C	SSE-6-C	SPE-6-C	55,000		SSE-7-Z	㉓ SSE-7-Z
BHE-640				1-3/8" ODM	73,600	SVE-8-C		SPE-6-C	64,000	SVE-10-Z		
BHE-740					85,100		SSE-7-C	SPE-7-C	74,000	OVE-15-Z	SSE-10-Z	㉓ SSE-10-Z
BHE-810					93,150				81,000			
BHE-950					109,250	SVE-10-C	SSE-10-C	SPE-10-C	95,000		OSE-12-Z	㉓ OSE-12-Z
BHE-1020					117,300				102,000			
BHE-1200				1-5/8" ODM	138,000	OVE-15-C			120,000	OVE-20-Z	OSE-21-Z	㉓ OSE-21-Z
BHE-1390				(2)1-3/8" ODM	159,850		OSE-12-C	OPE-12-C	139,000			
BHE-1650				1-3/8" ODM 1-5/8" ODM	189,750		OSE-21-C	OPE-21-C	165,000	OVE-30-Z	OSE-30-Z	㉓ OSE-30-Z
BHE-2120					243,800	OVE-20-C			212,000	OVE-40-Z		
BHL-400	LHL4	CHL	HHL	1-1/8" ODM	46,000	SVE-4-C or EQE-5(3-1/2T)-VC	SSE-4-C	SPE-4-C	40,000	OVE-10-Z	OSE-6-Z	㉓ OSE-6-Z
BHL-480					55,200	SVE-4-C or EQE-6(5T)-VC			48,000			
BHL-560				1-3/8" ODM	64,400	SVE-5-C or EQE-6(5T)-VC	OSE-6-C	OPE-6-C	56,000		OSE-9-Z	㉓ OSE-9-Z
BHL-650					74,750	SVE-8-C			65,000			
BHL-710					81,650		OSE-9-C	OPE-9-C	71,000	OVE-15-Z		
BHL-840					96,600				84,000		OSE-12-Z	㉓ OSE-12-Z
BHL-890					102,350				89,000			
BHL-1050				1-5/8" ODM	120,750	SVE-10-C			105,000	OVE-20-Z		
BHL-1220				(2)1-3/8" ODM	140,300	OVE-15-C	OSE-12-C	OPE-12-C	122,000		OSE-21-Z	㉓ OSE-21-Z
BHL-1440				1-3/8" ODM	165,600				144,000	OVE-30-Z	OSE-30-Z	㉓ OSE-30-Z
BHL-1860				1-5/8" ODM	213,900	OVE-20-C	OSE-21-C	OPE-21-C	186,000			
MPE-090 ⑰	ELT6	WVF	EEP	1/2" Flare Nut	10,350	FVE-1-C or QE-2(1T)-VC	FSE-1-C or QE-3(1T)-SC	FPE-1-C or QE-3(1T)-PC	9,000	FVE-1-1/2-Z or QE-3(1-1/2T)-VZ	FSE-1-Z or QE-4(1-1/2T)-SZ	㉓ FSE-1-Z or QE-4(1-1/2T)-SZ
MPE-140 ⑰					16,100	FVE-1-1/2-C or QE-3(1-1/2T)-VC	FSE-1-1/2-C or QE-4(1-1/2T)-SC	FPE-1-1/2-C or QE-4(1-1/2T)-PC	14,000	FVE-2-Z or QE-4(2-1/2T)-VZ	FSE-1-1/2-Z or QE-4(1-1/2T)-SZ	㉓ FSE-1-1/2-Z or QE-4(1-1/2T)-SZ
MPE-190 ⑰				7/8" ODM	21,850	EFVE-2-C or EQE-4(2-1/2T)-VC	SSE-1-1/2-C or EQE-4(1-1/2T)-SC	SPE-1-1/2-C or EQE-4(1-1/2T)-PC	19,000	SVE-3-Z or EQE-5(3-1/2T)-VZ	SSE-2-Z or EQE-5(2T)-SZ	㉓ SSE-2-Z or EQE-5(2T)-SZ
MPE-260 ⑰				1-1/8" ODM	29,900	SVE-3-C or EQE-4(2-1/2T)-VC	SSE-2-C or EQE-5(2T)-SC	SPE-3-C or EQE-5(2T)-PC	26,000	SVE-4-Z or EQE-5(3-1/2T)-VZ	SSE-3-Z or EQE-6(3T)-SZ	㉓ SSE-3-Z or EQE-6(3T)-SZ
MPE-300 ⑰					34,500	SVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC	30,000	SVE-4-Z or EQE-6(5T)-VZ	SSE-4-Z	㉓ SSE-4-Z
MPE-390 ⑰					44,850	SVE-4-C or EQE-5(3-1/2T)-VC	SSE-4-C	SPE-4-C	39,000	SVE-8-Z	SSE-6-Z	㉓ SSE-6-Z
MPE-520 ⑰					59,800	SVE-5-C or EQE-6(5T)-VC		SPE-6-C	52,000	SVE-10-Z	SSE-7-Z	㉓ SSE-7-Z
MPE-090X ⑰				1/2" Flare Nut	10,350	FVE-1-C or QE-2(1T)-VC	FSE-1-C or QE-3(1T)-SC	FPE-1-C or QE-3(1T)-PC	9,000	FVE-1-1/2-Z or QE-3(1-1/2T)-VZ	FSE-1-Z or QE-4(1-1/2T)-SZ	㉓ FSE-1-Z or QE-4(1-1/2T)-SZ
MPE-140X ⑰					16,100	FVE-1-1/2-C or QE-3(1-1/2T)-VC	FSE-1-1/2-C or QE-4(1-1/2T)-SC	FPE-1-1/2-C or QE-4(1-1/2T)-PC	14,000	FVE-2-Z or QE-4(2-1/2T)-VZ	FSE-1-1/2-Z or QE-4(1-1/2T)-SZ	㉓ FSE-1-1/2-Z or QE-4(1-1/2T)-SZ
MPE-190X ⑰				7/8" ODM	21,850	EFVE-2-C or EQE-4(2-1/2T)-VC	EFSE-2-C or EQE-4(1-12T)-SC	EFPE-1-1/2-C or EQE-4(1-1/2T)-PC	19,000	SVE-3-Z or EQE-5(3-1/2T)-VZ	SSE-2-Z or EQE-5(2T)-SZ	㉓ SSE-2-Z or EQE-5(2T)-SZ
MPE-260X ⑰				1-1/8" ODM	30,000	EFVE-3-C or EQE-4(2-1/2T)-VC	EFSE-2-C or EQE-5(2T)-SC	EFPE-2C or EQE-5(2T)-PC	26,000	SVE-4-Z or EQE-5(3-1/2T)-VZ	SSE-3-Z or EQE-6(3T)-SZ	㉓ SSE-3-Z or EQE-6(3T)-SZ
MPE-300X ⑰					36,500	EFVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC	30,000	SVE-4-Z or EQE-6(5T)-VZ	SSE-4-Z	㉓ SSE-4-Z
MPE-390X ⑰					45,000	SVE-4-C or EQE-5(3-1/2T)-VC	SSE-4-C	SPE-4-C	39,000	SVE-8-Z	SSE-6-Z	㉓ SSE-6-Z
MPE-520X ⑰					60,000	SVE-5-C or EQE-6(5T)-VC		SPE-6-C	52,000	SVE-10-Z	SSE-7-Z	㉓ SSE-7-Z

⑯ Consolidated into one design in 1997.

⑰ Model is obsolete and was upgraded to BME in 1996.

㉓ For low temperature applications, a 404A valve can be used in place of a 507 valve.

Shaded area indicates 4 fins/inch.

HOT GAS DEFROST

HOT GAS DEFROST UNIT
30°F COOLER TEMPERATURE (+20°F EVAP) / -10°F FREEZER TEMPERATURE (-20°F EVAP)

HEATCRAFT				COIL INLET CONN	10°F TEMPERATURE DIFFERENCE				10°F TEMPERATURE DIFFERENCE			
BOHN COIL MODEL	LARKIN COIL MODEL	CLIMATE COIL MODEL	CHANDLER COIL MODEL		Capacity Btu/hr	REFRIGERANT			Capacity Btu/hr	REFRIGERANT		
						22	404A	507		22	404A	507
					EVAPORATOR @ +20°F				EVAPORATOR @ -20°F			
HGT-035	LCH6 HCP	LSH	GLC	5/8" ODF	4,025	EFVE-1/3-C or EQE-0(1/3T)-VC	EFSE-1/4-C or EQE-1(1/4T)-SC	EFPE-1/4-C or EQE-1(1/4T)-PC	3,500	EFVE-1/2-Z or EQE-1(3/4T)-VZ	EFSE-1/4-Z or EQE-1(1/4T)-SZ	㉔ EFSE-1/4-Z or EQE-1(1/4T)-SZ
HGT-040					4,600	EFVE-1/2-C or EQE-1(3/4T)-VC	EFSE-1/2-C or EQE-1(1/4T)-SC	EFPE-1/2-C or EQE-1(1/4T)-PC	4,000		EFSE-1/2-Z or EQE-1(1/4T)-SZ	㉔ EFSE-1/2-Z or EQE-1(1/4T)-SZ
HGT-041	LCH4				4,715	EFVE-1/2-C or EQE-1(3/4T)-VC	EFSE-1/2-C or EQE-1(1/4T)-SC	EFPE-1/2-C or EQE-1(1/4T)-PC	4,100	EFVE-1/2-Z or EQE-1(3/4T)-VZ	EFSE-1/2-Z or EQE-1(1/4T)-SZ	㉔ EFSE-1/2-Z or EQE-1(1/4T)-SZ
HGT-047	LCH6				5,405	EFVE-1/2-C or EQE-1(3/4T)-VC	EFSE-1/2-C or EQE-1(1/4T)-SC	EFPE-1/2-C or EQE-1(1/4T)-PC	4,700	EFVE-1/2-Z or EQE-1(3/4T)-VZ	EFSE-1/2-Z or EQE-1(1/4T)-SZ	㉔ EFSE-1/2-Z or EQE-1(1/4T)-SZ
HGT-065					7,475	EFVE-1-C or EQE-1(3/4T)-VC	EFSE-1/2-C or EQE-2(1/2T)-SC	EFPE-1/2-C or EQE-2(1/2T)-PC	6,500	EFVE-1-Z or EQE-1(3/4T)-VZ	EFSE-1/2-Z or EQE-2(1/2T)-SZ	㉔ EFSE-1/2-Z or EQE-2(1/2T)-SZ
HGT-068	LCH4				7,820	EFVE-1-C or EQE-1(3/4T)-VC	EFSE-1/2-C or EQE-2(1/2T)-SC	EFPE-1/2-C or EQE-2(1/2T)-PC	6,800	EFVE-1-Z or EQE-1(3/4T)-VZ	EFSE-1/2-Z or EQE-2(1/2T)-SZ	㉔ EFSE-1/2-Z or EQE-2(1/2T)-SZ
HGT-075	LCH6				8,625	EFVE-1-C or EQE-1(3/4T)-VC	EFSE-1-C or EQE-2(1/2T)-SC	EFPE-1-C or EQE-2(1/2T)-PC	7,500	EFVE-1-Z or EQE-2(1T)-VZ	EFSE-1-Z or EQE-3(1T)-SZ	㉔ EFSE-1-Z or EQE-3(1T)-SZ
HGT-080	LCH4				9,200	EFVE-1-C or EQE-1(3/4T)-VC	EFSE-1-C or EQE-2(1/2T)-SC	EFPE-1-C or EQE-2(1/2T)-PC	8,000	EFVE-1-Z or EQE-2(1T)-VZ	EFSE-1-Z or EQE-3(1T)-SZ	㉔ EFSE-1-Z or EQE-3(1T)-SZ
HGT-090	LCH6			7/8" ODF	10,350	EFVE-1-C or EQE-2(1T)-VC	EFSE-1-C or EQE-3(1T)-SC	EFPE-1-C or EQE-3(1T)-PC	9,000	EFVE-1-Z or EQE-2(1T)-VZ	EFSE-1-Z or EQE-3(1T)-SZ	㉔ EFSE-1-Z or EQE-3(1T)-SZ
HGT-102	LCH4				11,730	EFVE-1-C or EQE-2(1T)-VC	EFSE-1-C or EQE-3(1T)-SC	EFPE-1-C or EQE-3(1T)-PC	10,200	EFVE-1-1/2-Z or EQE-3(1-1/2T)-VZ	EFSE-1-Z or EQE-3(1T)-SZ	㉔ EFSE-1-Z or EQE-3(1T)-SZ
HGT-120	LCH6				13,800	EFVE-1-1/2-C or EQE-3(1-1/2T)-VC	EFSE-1-C or EQE-3(1T)-SC	EFPE-1-C or EQE-3(1T)-PC	12,000	EFVE-1-1/2-Z or EQE-4(2-1/2T)-VZ	EFSE-1-Z or EQE-4(1-1/2T)-SZ	㉔ EFSE-1-Z or EQE-4(1-1/2T)-SZ
HGT-136	LCH4				15,640	EFVE-1-1/2-C or EQE-3(1-1/2T)-VC	EFSE-1-1/2-C or EQE-4(1-1/2T)-SC	EFPE-1-1/2-C or EQE-4(1-1/2T)-PC	13,600	EFVE-2-Z or EQE-4(2-1/2T)-VZ	EFSE-1-Z or EQE-4(1-1/2T)-SZ	㉔ EFSE-1-Z or EQE-4(1-1/2T)-SZ
HGT-140	LCH6 HCP				16,100	EFVE-1-1/2-C or EQE-3(1-1/2T)-VC	EFSE-1-1/2-C or EQE-4(1-1/2T)-SC	EFPE-1-1/2-C or EQE-4(1-1/2T)-PC	14,000	EFVE-2-Z or EQE-4(2-1/2T)-VZ	EFSE-1-1/2-Z or EQE-4(1-1/2T)-SZ	㉔ EFSE-1-1/2-Z or EQE-4(1-1/2T)-SZ
HGT-160					18,400				16,000			
HGT-170	LCH4				19,550	EFVE-1-1/2-C or EQE-4(2-1/2T)-VC	EFSE-1-1/2-C or EQE-4(1-1/2T)-SC	EFPE-1-1/2-C or EQE-4(1-1/2T)-PC	17,000	EFVE-2-Z or EQE-4(2-1/2T)-VZ	EFSE-1-1/2-Z or EQE-4(1-1/2T)-SZ	㉔ EFSE-1-1/2-Z or EQE-4(1-1/2T)-SZ
HGT-180	LCH6 HCP			1-1/8" ODF	20,700	EFVE-2-C or EQE-4(2-1/2T)-VC	EFSE-1-1/2-C or EQE-4(1-1/2T)-SC	EFPE-1-1/2-C or EQE-4(1-1/2T)-PC	18,000	EFVE-2-Z or EQE-4(2-1/2T)-VZ	EFSE-1-1/2-Z or EQE-4(1-1/2T)-SZ	㉔ EFSE-1-1/2-Z or EQE-4(1-1/2T)-SZ
HGT-200					23,000		EFSE-2-C or EQE-4(1-1/2T)-SC	EFPE-2-C or EQE-4(1-1/2T)-PC	20,000		EFSE-2-Z or EQE-5(2T)-SZ	㉔ EFSE-2-Z or EQE-5(2T)-SZ
HGT-204	LCH4			7/8" ODF	23,460	EFVE-2-C or EQE-4(2-1/2T)-VC	EFSE-2-C or EQE-4(1-1/2T)-SC	EFPE-2-C or EQE-5(2T)-PC	20,400	EFVE-2-Z or EQE-4(2-1/2T)-VZ	EFSE-2-Z or EQE-5(2T)-SZ	㉔ EFSE-2-Z or EQE-5(2T)-SZ
HGT-235				1-1/8" ODF	27,025	EFVE-3-C or EQE-4(2-1/2T)-VC	EFSE-2-C or EQE-5(2T)-SC		23,500	EFVE-3-Z or EQE-4(2-1/2T)-VZ		
HGT-240	LCH6 HCP				27,600	EFVE-3-C or EQE-4(2-1/2T)-VC	EFSE-2-C or EQE-5(2T)-SC	EFPE-2-C or EQE-5(2T)-PC	24,000	EFVE-3-Z or EQE-5(3-1/2T)-VZ	EFSE-2-Z or EQE-5(2T)-SZ	㉔ EFSE-2-Z or EQE-5(2T)-SZ
HGT-280					32,200		SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC	28,000	SVE-4-Z or EQE-5(3-1/2T)-VZ	SSE-3-Z or EQE-6(3T)-SZ	㉔ SSE-3-Z or EQE-6(3T)-SZ

HOT GAS DEFROST UNIT
-10°F FREEZER TEMPERATURE (-20°F EVAP)

HEATCRAFT				COIL INLET CONN	10°F TEMPERATURE DIFFERENCE			
BOHN COIL MODEL	LARKIN COIL MODEL	CLIMATE COIL MODEL	CHANDLER COIL MODEL		Capacity Btu/hr	REFRIGERANT		
						22	404A	507
					EVAPORATOR @ -20°F			
BMG-190 ⑱	MLG6 HLT HLT6	CMG	HMG GZA	1-1/8" ODF	19,000	EFVE-2-Z or EQE-4(2-1/2T)-VZ	EFSE-2-Z or EQE-5(2T)-SZ	㉔ EFSE-2-Z or EQE-5(2T)-SZ
BMG-260 ⑱					26,000	SVE-4-Z or EQE-5(3-1/2T)-VZ	SSE-3-Z or EQE-6(3T)-SZ	㉔ SSE-3-Z or EQE-6(3T)-SZ
BMG-269 ⑱					26,900	SVE-4-Z or EQE-5(3-1/2T)-VZ	SSE-3-Z or EQE-6(3T)-SZ	㉔ SSE-3-Z or EQE-6(3T)-SZ
BMG-310 ⑱				1-3/8" ODF	31,000		SSE-4-Z or EQE-3-Z	㉔ SSE-4-Z or EQE-3-Z
BMG-390 ⑱					39,000	SVE-5-Z or EQE-6(5T)-VZ	SSE-4-Z	㉔ SSE-4-Z
BMG-430 ⑱					43,000	SVE-5-Z		
BMG-520 ⑱					52,000	SVE-8-Z	SSE-6-Z	㉔ SSE-6-Z
BMF-165 ⑲	MLG4 HLT HLT4	CML	HML GZA	1-1/8" ODF	16,500	EFVE-2-Z or EQE-4(2-1/2T)-VZ	EFSE-1-1/2-Z or EQE-4(1-1/2T)-SZ	㉔ EFSE-1-1/2-Z or EQE-4(1-1/2T)-SZ
BMF-220 ⑲					22,000	EFVE-3-Z or EQE-4(2-1/2T)-VZ	EFSE-2-Z or EQE-5(2T)-SZ	㉔ EFSE-2-Z or EQE-5(2T)-SZ
BMF-250 ⑲				1-3/8" ODF	25,000	SVE-3-Z or EQE-5(3-1/2T)-VZ	SSE-3-Z or EQE-6(3T)-SZ	㉔ SSE-3-Z or EQE-6(3T)-SZ
BMF-330 ⑲					33,000	SVE-4-Z or EQE-6(5T)-VZ	SSE-4-Z	㉔ SSE-4-Z
BMF-370 ⑲					37,000			
BMF-440 ⑲					44,000	SVE-8-Z	SSE-6-Z	㉔ SSE-6-Z

⑱ Coils are 6 FPI.
⑲ Coils are 4 FPI.
㉔ For low temperature applications, a 404A valve can be used in place of a 507 valve.
Shaded areas indicate 4 FPI, otherwise 6 FPI.

HOT GAS DEFROST UNIT

35°F COOLER TEMPERATURE (+25°F EVAP)

HEATCRAFT				COIL INLET CONN	10°F TEMPERATURE DIFFERENCE				15°F TEMPERATURE DIFFERENCE			
BOHN COIL MODEL	LARKIN COIL MODEL	CLIMATE COIL MODEL	CHANDLER COIL MODEL		Capacity Btu/hr	REFRIGERANT			Capacity Btu/hr	REFRIGERANT		
						22	404A	507		22	404A	507
					EVAPORATOR @ +25°F				EVAPORATOR @ +20°F			
WKG-100	LWG	CWG	HWG RGB	1/2" ODM	10,000	EFVE-1-C or EQE-2(1T)-VC	EFSE-1-C or EQE-3(1T)-SC	EFPE-1-C or EQE-3(1T)-PC	15,000	EFVE-1-1/2-C or EQE-3(1-1/2T)-VC	EFSE-1-C or EQE-3(1T)-SC	EFPE-1-C or EQE-4(1-1/2T)-PC
WKG-130				1-1/8" ODM	13,000	EFVE-1-1/2-C or EQE-3(1-1/2T)-VC			19,500		EFSE-1-1/2-C or EQE-4(1-1/2T)-SC	EFPE-1-1/2-C or EQE-4(1-1/2T)-PC
WKG-155					15,500		EFSE-1-1/2-C or EQE-4(1-1/2T)-SC	EFPE-1-1/2-C or EQE-4(1-1/2T)-PC	23,250	EFVE-2-C or EQE-4(2-1/2T)-VC	EFSE-2-C or EQE-4(1-1/2T)-SC	EFPE-2-C or EQE-4(1-1/2T)-PC
WKG-180					18,000		EFSE-1-1/2-C or EQE-4(1-1/2T)-SC		27,000	EFVE-3-C or EQE-4(2-1/2T)-VC	EFSE-2-C or EQE-5(2T)-SC	EFPE-2-C or EQE-5(2T)-PC
WKG-210					21,000	EFVE-2-C or EQE-4(2-1/2T)-VC			31,500		SSE-3-C or EQE-5(2T)-SC	SPE-3-C or EQE-6(3T)-PC
WKG-270					27,000	EFVE-3-C or EQE-4(2-1/2T)-VC	EFSE-2-C or EQE-5(2T)-SC	EFPE-2-C or EQE-5(2T)-PC	40,500	EFVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	
WKG-340					34,000	EFVE-3-C or EQE-5(3-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC	51,000	SVE-4-C or EQE-6(5T)-VC	SSE-4-C	SPE-4-C
LOG-070	LFAH	LVG LVC	LAG LVC	1/2" ODM	7,000	EFVE-1-C or SQE-1(3/4T)-VC	EFSE-1/2-C or SQE-2(1/2T)-SC	EFPE-1/2-C or SQE-2(1/2T)-PC	10,500	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC
LOG-087					8,700		EFSE-1-C or SQE-2(1/2T)-SC	EFPE-1-C or SQE-2(1/2T)-PC	13,050			
LOG-118					11,800	EFVE-1-C or SQE-2(1T)-VC	EFSE-1-C or SQE-3(1T)-SC	EFPE-1-C or SQE-3(1T)-PC	17,700	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC	EFSE-1-1/2-C or SQE-4(1-1/2T)-SC	EFPE-1-1/2-C or SQE-4(1-1/2T)-PC
LOG-125					12,500				18,750			
LOG-150					15,000	EFVE-1-1/2-C or SQE-3(1-1/2T)-VC		EFPE-1-1/2-C or SQE-4(1-1/2T)-PC	22,500	EFVE-2-C or SQE-4(2-1/2T)-VC		EFPE-2-C or SQE-4(1-1/2T)-PC
LOG-165					16,500		EFSE-1-1/2-C or SQE-4(1-1/2T)-SC		24,750		EFSE-2-C or SQE-5(2T)-SC	EFPE-2-C or SQE-5(2T)-PC
LOG-189					18,900				28,350	EFVE-3-C or SQE-4(2-1/2T)-VC		
LOG-225					22,500	EFVE-2-C or SQE-4(2-1/2T)-VC		EFPE-2-C or SQE-4(1-1/2T)-PC	33,750	EFVE-3-C or SQE-5(3-1/2T)-VC	SSE-3-C or SQE-6(3T)-SC	SPE-3-C or SQE-6(3T)-PC
LOG-266				1-1/8" ODM	26,600	SVE-3-C or EQE-4(2-1/2T)-VC	SSE-2-C or EQE-5(2T)-SC	SPE-2-C or EQE-5(2T)-PC	39,900	SVE-3-C or EQE-4(2-1/2T)-VC	SSE-3-C or EQE-6(3T)-SC	SPE-3-C or EQE-6(3T)-PC

HOT GAS DEFROST UNIT

30°F COOLER TEMPERATURE (+20°F EVAP) / -10°F FREEZER TEMPERATURE (-20°F EVAP)

HEATCRAFT				COIL INLET CONN	10°F TEMPERATURE DIFFERENCE				10°F TEMPERATURE DIFFERENCE		
BOHN COIL MODEL	LARKIN COIL MODEL	CLIMATE COIL MODEL	CHANDLER COIL MODEL		Capacity Btu/hr	REFRIGERANT			Capacity Btu/hr	REFRIGERANT	
						22	404A	507		22	404A / 507
					EVAPORATOR @ +20°F				EVAPORATOR @ -20°F		
BHG-450	LHG6	CHG	HHG	1-1/8" ODM	51,750	SVE-4-C or EQE-6(5T)-VC	SSE-4-C	SPE-4-C	45,000	SVE-8-Z	㉕ SSE-6-Z
BHG-550					63,250	SVE-5-C or EQE-6(5T)-VC	SSE-6-C	SPE-6-C	55,000		
BHG-640				1-3/8" ODM	73,600	SVE-8-C		SPE-7-C	64,000	SVE-10-Z	㉕ SSE-7-Z
BHG-740					85,100		SSE-7-C		74,000	OVE-15-Z	㉕ OSE-9-Z
BHG-810					93,150			OPE-9-C	81,000		㉕ OSE-12-Z
BHG-950					109,250	SVE-10-C	OSE-9-C		95,000		
BHG-1020					117,300				102,000	OVE-20-Z	
BHG-1200				1-5/8" ODM	138,000	OVE-15-C	OSE-12-C	OPE-12-C	120,000		
BHG-1390				(2) 1-3/8" ODM	159,850				139,000		㉕ OSE-21-Z
BHG-1650					189,750	OVE-15-C	OSE-21-C	OPE-21-C	165,000	OVE-30-Z	㉕ OSE-30-Z
BHG-2120					243,800	OVE-20-C			212,000	OVE-40-Z	
BHF-400	LHF4	CHF	HHF	1-1/8" ODM	46,000	SVE-4-C	SSE-4-C	SPE-4-C	40,000	OVE-10-Z	㉕ SSE-4-Z
BHF-480					55,200				48,000	SVE-8-Z	㉕ SSE-6-Z
BHF-560				1-3/8" ODM	64,400	SVE-5-C	SSE-6-C	SPE-6-C	56,000		
BHF-650					74,750	SVE-8-C	SSE-7-C	SPE-7-C	65,000	SVE-10-Z	㉕ SSE-7-Z
BHF-710					81,650				71,000		㉕ OSE-9-Z
BHF-840					96,600		SSE-10-C	SPE-10-C	84,000	OVE-15-Z	㉕ OSE-12-Z
BHF-890					102,350				89,000	OVE-15-Z	
BHF-1050				1-5/8" ODM	120,750	SVE-10-C			105,000	OVE-20-Z	
BHF-1220				(2) 1-3/8" ODM	140,300	OVE-15-C	OSE-12-C	OPE-12-C	122,000		
BHF-1440					165,600				144,000		㉕ OSE-21-Z
BHF-1860					213,900	OVE-20-C	OSE-21-C	OPE-21-C	186,000	OVE-30-Z	㉕ OSE-30-Z

Shaded area indicates 4 fins/inch, otherwise 6 FPI.

㉕ For low temperature applications, a 404A valve can be used in place of a 507 valve.

RIPENING ROOM COOLERS

RIPENING ROOM COOLERS 50°F - 55°F COOLER TEMPERATURE								
HEATCRAFT				COIL INLET CONN	10°F TEMPERATURE DIFFERENCE		15°F TEMPERATURE DIFFERENCE	
BOHN COIL MODEL	LARKIN COIL MODEL	CLIMATE COIL MODEL	CHANDLER COIL MODEL		Capacity Btu/hr	REFRIGERANT 22	Capacity Btu/hr	REFRIGERANT 22
					EVAPORATOR @ +45°F		EVAPORATOR @ +40°F	
RU0544	LPR	–	–	7/8" ODM	30,500	SVE-3-GA or EQE-5(3-1/2T)-VGA	50,100	SVE-4-GA or EQE-6(5T)-VGA
RU0554					37,300	SVE-4-GA or EQE-5(3-1/2T)-VGA	60,600	SVE-8-GA
RU0564					41,500	SVE-4-GA or EQE-6(5T)-VGA	68,900	
RU1044				1-1/8" ODM	65,100	SVE-8-GA	106,200	SVE-10-GA
RU1054					79,400		128,200	OVE-15-GA
RU1064				1-3/8" ODM	90,600		147,400	
RU0546	LPR	–	–	7/8" ODM	—		34,700	SVE-3-GA or EQE-5(3-1/2T)-VGA
RU0556							41,700	SVE-4-GA or EQE-6(5T)-VGA
RU0566							46,100	SVE-4-GA or EQE-6(5T)-VGA
RU1046				1-1/8" ODM			73,900	SVE-8-GA
RU1056							88,700	
RU1066				1-3/8" ODM			100,000	SVE-10-GA

SPORLAN VALVE COMPANY
206 LANGE DRIVE • WASHINGTON, MO 63090
636-239-1111 • FAX 636-239-9130
www.sporlan.com