Bulletin 500-10-RC-BP
October 2004
Supersedes December 1995

SPORLAN

Balanced Ported TEV Selection

HTPG

Heat Transfer Products Group Unit

The selections are based on load and operating conditions provided by HTGP. All selections are based on 115 degrees condensing temperature for high to medium temperature and 110 degrees for low temperature (0 degrees and below), 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 20 psi. If actual conditions differ from the above, valve selections should be made based on those conditions.

It should be noted that the specific Sporlan valve types shown in the following tables are expansion valves more likely found at the Sporlan wholesaler, and are not necessarily stocked or used by Heat Transfer Products Group. In many cases there are different valves used by the manufacturer than those found at a typical wholesaler. The following charts were primarily developed to enable a wholesaler and/or contractor to easily select an expansion valve in the field.

FLEX-TEMP UNIT COOLERS

25°F SUCTION TEMPERATURE																
COIL MODEL	COIL INLET CONNECTIONS Inches	10°F TEMPERATURE DIFFERENCE					15°F TEMPERATURE DIFFERENCE					20°F TEMPERATURE DIFFERENCE				
		CAPACITY BTU/HR	REFRIGERANT				CAPACITY BTU/HR	REFRIGERANT				CAPACITY BTU/HR	REFRIGERANT			
			22	134a	404A	507		22	134a	404A	507		22	134a	404a	507
FT18-6	1/2 SAE Flare Nut	650	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	975	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1300	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
FT18-8		800	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1200	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1600	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
FT28-12		1200	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1800	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	2400	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
FT18-17		1700	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	2550	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	3400	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
FT18-23		2300	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	3450	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	4600	BFV-AAA-C	BFJ-AAA-C	BFS-AA-C	BFP-AA-C
FT18-31		3100	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	4650	BFV-AAA-C	BFJ-AA-C	BFS-AA-C	BFP-AA-C	6200	BFV-AA-C	BFJ-AA-C	BFS-AA-C	BFP-AA-C

MINI TWIN TEMP UNIT COOLERS

25°F SUCTION TEMPERATURE																
COIL MODEL	COIL INLET CONNECTIONS Inches	10°F TEMPERATURE DIFFERENCE					15°F TEMPERATURE DIFFERENCE					20°F TEMPERATURE DIFFERENCE				
		CAPACITY BTU/HR	REFRIGERANT				CAPACITY BTU/HR	REFRIGERANT				CAPACITY BTU/HR	REFRIGERANT			
			22	134a	404A	507		22	134a	404A	507		22	134a	404a	507
MTW18-8	1/2 SAE Flare Nut	800	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1200	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1600	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
MTW28-13		1300	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1950	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	2600	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
MTW28-18		1800	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	2700	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	3600	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
MTW38-27		2700	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	4050	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	5400	BFV-AAA-C	BFJ-AA-C	BFS-AA-C	BFP-AA-C

MULLION-TEMP UNIT COOLERS

25°F SUCTION TEMPERATURE																
COIL MODEL MDF/MUF	COIL INLET CONNECTIONS Inches	10°F TEMPERATURE DIFFERENCE					15°F TEMPERATURE DIFFERENCE					20°F TEMPERATURE DIFFERENCE				
		CAPACITY BTU/HR	REFRIGERANT				CAPACITY BTU/HR	REFRIGERANT				CAPACITY BTU/HR	REFRIGERANT			
			22	134a	404A	507		22	134a	404A	507		22	134a	404a	507
27-13	1/2 SAE Flare Nut	800	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1200	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1600	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
27-17		1300	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1950	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	2600	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
37-23		1800	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	2700	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	3600	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C

SLIM-TEMP (AIR DEFROST) UNIT COOLERS

25°F SUCTION TEMPERATURE											
COIL MODEL	COIL INLET CONNECTIONS Inches	10°F TEMPERATURE DIFFERENCE					12°F TEMPERATURE DIFFERENCE				
		CAPACITY BTU/HR	REFRIGERANT				CAPACITY BTU/HR	REFRIGERANT			
			22	134a	404A	507		22	134a	404A	507
SLA17-10	1/2 SAE Flare Nut	1000	SBFV-AAA-C	SBFJ-AAA-C	SBFS-AAA-C	SBFP-AAA-C	1200	SBFV-AAA-C	SBFJ-AAA-C	SBFS-AAA-C	SBFP-AAA-C
SLA17-13		1300	SBFV-AAA-C	SBFJ-AAA-C	SBFS-AAA-C	SBFP-AAA-C	1560	SBFV-AAA-C	SBFJ-AAA-C	SBFS-AAA-C	SBFP-AAA-C
SLA27-17		1700	SBFV-AAA-C	SBFJ-AAA-C	SBFS-AAA-C	SBFP-AAA-C	2040	SBFV-AAA-C	SBFJ-AAA-C	SBFS-AAA-C	SBFP-AAA-C
SLA27-23		2300	SBFV-AAA-C	SBFJ-AAA-C	SBFS-AAA-C	SBFP-AAA-C	2760	SBFV-AAA-C	SBFJ-AAA-C	SBFS-AAA-C	SBFP-AAA-C
SLA37-30		3000	SBFV-AAA-C	SBFJ-AAA-C	SBFS-AAA-C	SBFP-AAA-C	3600	SBFV-AAA-C	SBFJ-AAA-C	SBFS-AAA-C	SBFP-AAA-C
SLA47-40		4000	SBFV-AAA-C	SBFJ-AAA-C	SBFS-AAA-C	SBFP-AAA-C	4800	SBFV-AAA-C	SBFJ-AA-C	SBFS-AA-C	SBFP-AA-C
SLA57-50		5000	SBFV-AAA-C	SBFJ-AA-C	SBFS-AA-C	SBFP-AA-C	6000	SBFV-AAA-C	SBFJ-AA-C	SBFS-AA-C	SBFP-AA-C

SLIM-TEMP UNIT COOLERS

0°F ROOM AND -10°F SUCTION TEMPERATURE					
COIL MODEL	COIL INLET CONNECTIONS Inches	10°F TEMPERATURE DIFFERENCE			
		CAPACITY BTU/HR	REFRIGERANT		
			22	404A	507
SLE15-9	1/2 SAE Flare Nut	900	BFV-AAA-ZP40	BFS-AAA-ZP	BFP-AAA-ZP
SLE15-12		1200	BFV-AAA-ZP40	BFS-AAA-ZP	BFP-AAA-ZP
SLE25-16		1600	BFV-AAA-ZP40	BFS-AAA-ZP	BFP-AAA-ZP
SLE25-21		2100	BFV-AAA-ZP40	BFS-AAA-ZP	BFP-AAA-ZP
SLE25-28		2800	BFV-AAA-ZP40	BFS-AAA-ZP	BFP-AAA-ZP
SLE35-36		3600	BFV-AAA-ZP40	BFS-AAA-ZP	BFP-AAA-ZP
SLE45-54		5400	BFV-AA-ZP40	BFS-AA-ZP	BFP-AA-ZP
SLE35-70		7000	BFV-AA-ZP40	BFS-A-ZP	BFP-A-ZP

SLIM-TEMP DISPLAY CASE UNIT

COIL MODEL	COIL INLET CONNECTIONS Inches	CAPACITY BTU/HR	10°F TEMPERATURE DIFFERENCE REFRIGERANT 22	134a	404A	507
25°F SUCTION TEMPERATURE						
ASLA 25-48	1/2 SAE Flare Nut	4800	BFVE-AAA-C	BFJE-AA-C	BFSE-AA-C	BFPE-AA-C
ASLA 25-61		6100	BFVE-AA-C	BFJE-AA-C	BFSE-AA-C	BFPE-AA-C
ASLA 35-73		7300	BFVE-AA-C	BFJE-AA-C	BFSE-AA-C	BFPE-AA-C
ASLA 45-98		9800	BFVE-AA-C	BFJE-A-C	BFSE-A-C	BFPE-A-C
ASLA 55-122		12200	BFVE-AA-C	BFJE-A-C	BFSE-A-C	BFPE-A-C
ASLA 65-158		15800	BFVE-A-C	BFJE-A-C	BFSE-A-C	BFPE-A-C
-10°F SUCTION TEMPERATURE						
ASLE 25-46	1/2 SAE Flare Nut	4600	BFVE-AA-ZP40	—	BFSE-AA-ZP	BFPE-AA-ZP
ASLE 25-58		5800	BFVE-AA-ZP40	—	BFSE-AA-ZP	BFPE-AA-ZP
ASLE 35-70		7000	BFVE-AA-ZP40	—	BFSE-A-ZP	BFPE-A-ZP
ASLE 45-94		9400	BFVE-A-ZP40	—	BFSE-A-ZP	BFPE-A-ZP
ASLE 55-117		11700	BFVE-A-ZP40	—	BFSE-A-ZP	BFPE-A-ZP
ASLE 65-150		15000	BFVE-A-ZP40	—	BFSE-A-ZP	BFPE-A-ZP

T-TEMP REACH-IN UNIT COOLERS

COIL MODEL	COIL INLET CONNECTIONS Inches	10°F TEMPERATURE DIFFERENCE CAPACITY BTU/HR	REFRIGERANT 22	134a	404A	507	15°F TEMPERATURE DIFFERENCE CAPACITY BTU/HR	REFRIGERANT 22	134a	404A	507
25°F SUCTION TEMPERATURE											
TT18-8	1/2 SAE Flare Nut	800	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1200	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
TT28-13		1300	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1950	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
TT28-17		1700	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	2550	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C

TWIN-TEMP UNIT COOLERS

COIL MODEL	COIL INLET CONNECTIONS Inches	10°F TEMPERATURE DIFFERENCE CAPACITY BTU/HR	REFRIGERANT 22	134a	404A	507	15°F TEMPERATURE DIFFERENCE CAPACITY BTU/HR	REFRIGERANT 22	134a	404A	507
25°F SUCTION TEMPERATURE											
TW 17-9	1/2 SAE Flare Nut	900	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1,350	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
TW 17-12		1,200	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1,800	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
TW 17-18		1,800	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	2,700	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
TW 17-25		2,500	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	3,750	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
TW 17-35		3,500	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	5,250	BFV-AAA-C	BFJ-AA-C	BFS-AA-C	BFP-AA-C
TW 17-45	1/2 ODM	4,500	SBFV-AAA-C	SBFJ-AAA-C	SBFS-AA-C	SBFP-AA-C	6,750	SBFV-AA-C	SBFJ-AA-C	SBFS-AA-C	SBFP-AA-C
TW 17-55		5,500	SBFV-AAA-C	SBFJ-AA-C	SBFS-AA-C	SBFP-AA-C	8,250	SBFV-AA-C	SBFJ-AA-C	SBFS-AA-C	SBFP-AA-C
TW 18-65		6,500	SBFV-AA-C	SBFJ-AA-C	SBFS-AA-C	SBFP-AA-C	9,750	SBFV-AA-C	SBFJ-A-C	SBFS-A-C	SBFP-A-C
TW 17-75		7,500	SBFV-AA-C	SBFJ-AA-C	SBFS-AA-C	SBFP-AA-C	11,250	SBFV-AA-C	SBFJ-A-C	SBFS-A-C	SBFP-A-C
TW 18-85		8,500	SBFV-AA-C	SBFJ-AA-C	SBFS-A-C	SBFP-A-C	12,750	SBFV-AA-C	SBFJ-A-C	SBFS-A-C	SBFP-A-C
TW 17-105	5/8 ODM	10,500	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	15,750	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
TW 18-120		12,000	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	18,000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C

WALL-TEMP UNIT COOLERS

COIL MODEL	COIL INLET CONNECTIONS Inches	10°F TEMPERATURE DIFFERENCE CAPACITY BTU/HR	REFRIGERANT 22	134a	404A	507	15°F TEMPERATURE DIFFERENCE CAPACITY BTU/HR	REFRIGERANT 22	134a	404A	507
25°F SUCTION TEMPERATURE											
WA 17-6	1/2 SAE Flare Nut	600	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	900	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
WA 17-9		900	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1350	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
WA 17-12		1200	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1800	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
WA 17-18		1800	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	2700	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
WA 17-25		2500	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	3750	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
WA 17-35		3500	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	5250	BFV-AAA-C	BFJ-AA-C	BFS-AA-C	BFP-AA-C
WA 17-45		4500	BFV-AAA-C	BFJ-AAA-C	BFS-AA-C	BFP-AA-C	6750	BFV-AA-C	BFJ-AA-C	BFS-AA-C	BFP-AA-C

WEDGE-TEMP UNIT COOLERS

COIL MODEL	COIL INLET CONNECTIONS Inches	10°F TEMPERATURE DIFFERENCE CAPACITY BTU/HR	REFRIGERANT 22	134a	404A	507	12°F TEMPERATURE DIFFERENCE CAPACITY BTU/HR	REFRIGERANT 22	134a	404A	507
25°F SUCTION TEMPERATURE											
WE17-12	1/2 SAE Flare Nut	1200	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1440	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
WE17-15		1500	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	1800	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
WE17-18		1800	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	2160	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
WE17-25		2500	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	3000	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
WE17-35		3500	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C	4200	BFV-AAA-C	BFJ-AAA-C	BFS-AAA-C	BFP-AAA-C
WE17-45		4500	BFV-AAA-C	BFJ-AAA-C	BFS-AA-C	BFP-AA-C	5400	BFV-AAA-C	BFJ-AA-C	BFS-AA-C	BFP-AA-C
WE18-55		5500	BFV-AAA-C	BFJ-AA-C	BFS-AA-C	BFP-AA-C	6600	BFV-AA-C	BFJ-AA-C	BFS-AA-C	BFP-AA-C

LOW PROFILE UNIT COOLERS

COIL MODEL AE, SE, HTE	COIL INLET CONNECTIONS Inches	10°F TEMPERATURE DIFFERENCE				
		CAPACITY BTU/HR	REFRIGERANT			
			22	134a	404A	507
-20°F ROOM AND -30°F SUCTION TEMPERATURE						
16-36	1/2 ODS	3400	SBFVE-AA-ZP40	—	SBFSE-AA-ZP	SBFPE-AA-ZP
16-41		3900	SBFVE-AA-ZP40	—	SBFSE-AA-ZP	SBFPE-AA-ZP
16-46		4400	SBFVE-AA-ZP40	—	SBFSE-AA-ZP	SBFPE-AA-ZP
26-60		5700	SBFVE-AA-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
26-75		7100	SBFVE-AA-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
26-92		8700	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
36-120		11,400	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
36-140		13,300	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
46-164		15,000	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
46-185		17,600	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
56-210		20,000	SBFVE-B-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
66-245		23,300	SBFVE-B-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
66-280		26,600	SBFVE-C-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
14-37		3500	SBFVE-AA-ZP40	—	SBFSE-AA-ZP	SBFPE-AA-ZP
24-72		6800	SBFVE-AA-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
24-85		8100	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
34-105		10,000	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
44-140		13,300	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
54-180		17,100	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
64-215		20,400	SBFVE-B-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
-10 ROOM AND -20°F SUCTION TEMPERATURE						
16-36	1/2 ODS	3600	SBFVE-AA-ZP40	—	SBFSE-AA-ZP	SBFPE-AA-ZP
16-41		4100	SBFVE-AA-ZP40	—	SBFSE-AA-ZP	SBFPE-AA-ZP
16-46		4600	SBFVE-AA-ZP40	—	SBFSE-AA-ZP	SBFPE-AA-ZP
26-60		6000	SBFVE-AA-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
26-75		7500	SBFVE-AA-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
26-92		9200	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
36-120		12,000	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
36-140		14,000	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
46-164		16,400	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
46-185		18,500	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
56-210		21,000	SBFVE-B-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
66-245		24,500	SBFVE-B-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
66-280		28,000	SBFVE-C-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
14-37		3700	SBFVE-AA-ZP40	—	SBFSE-AA-ZP	SBFPE-AA-ZP
24-72		7200	SBFVE-AA-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
24-85		8500	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
34-105		10,500	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
44-140		14,000	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
54-180		18,000	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
64-215		21,500	SBFVE-B-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
0°F ROOM AND -10°F SUCTION TEMPERATURE						
16-36	1/2 ODS	3700	SBFVE-AAA-ZP40	—	SBFSE-AAA-ZP	SBFPE-AA-ZP
16-41		4300	SBFVE-AA-ZP40	—	SBFSE-AA-ZP	SBFPE-AA-ZP
16-46		4800	SBFVE-AA-ZP40	—	SBFSE-AA-ZP	SBFPE-AA-ZP
26-60		6200	SBFVE-AA-ZP40	—	SBFSE-AA-ZP	SBFPE-AA-ZP
26-75		7800	SBFVE-AA-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
26-92		9600	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
36-120		12,500	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
36-140		14,600	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
46-164		17,100	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
46-185		19,200	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
56-210		21,800	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
66-245		25,500	SBFVE-B-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
66-280		29,100	SBFVE-B-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
14-37		3800	SBFVE-AA-ZP40	—	SBFSE-AA-ZP	SBFPE-AA-ZP
24-72		7500	SBFVE-AA-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
24-85		8800	SBFVE-AA-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
34-105		10,900	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
44-140		14,600	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
54-180		18,700	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
64-215		22,400	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
30°F ROOM AND 20°F SUCTION TEMPERATURE						
16-36	1/2 ODS	3900	SBFVE-AAA-C	SBFJE-AAA-C	SBFSE-AAA-C	SBFPE-AAA-C
16-41		4800	SBFVE-AAA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C
16-46		5800	SBFVE-AAA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C
26-60		7000	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C
26-75		8700	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
26-92		11500	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
36-120		14,500	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
36-140		17,000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
46-164		19,200	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
46-185		23,000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
56-210		24,500	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
66-245		29,500	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
66-280		34,500	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
14-37		4200	SBFVE-AAA-C	SBFJE-AAA-C	SBFSE-AA-C	SBFPE-AA-C
24-72		8400	SBFVE-AA-C	SBFJE-AA-C	SBFSE-A-C	SBFPE-A-C
24-85		10500	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
34-105		13,000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
44-140		17,000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
54-180		21,500	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
64-215		25,500	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C

* The same valve selections can be made for the *H and *G type (hot gas) unit coolers.

LOW PROFILE UNIT COOLERS

COIL MODEL AA, SA, HTA	COIL INLET CONNECTIONS Inches	20°F SUCTION TEMPERATURE								
		10°F TEMPERATURE DIFFERENCE					12°F TEMPERATURE DIFFERENCE			
		CAPACITY BTU/HR	REFRIGERANT				CAPACITY BTU/HR	REFRIGERANT		
			22	134a	404A	507		22	134a	404A	507
18-41	1/2 ODS	4100	SBFVE-AAA-C	SBFJE-AAA-C	SBFSE-AAA-C	SBFPE-AAA-C	4900	SBFVE-AAA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C
18-53		5300	SBFVE-AAA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C	6400	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C
18-66		6600	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C	7900	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C
28-76		7600	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C	9100	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
28-97		9700	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	11,600	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
28-106		10,600	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	12,700	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
28-122		12,200	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	14,600	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
28-134		13,400	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	16,100	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
38-160		16,000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	19,200	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
38-195		19,500	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	23,400	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
48-212		21,200	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	25,400	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
48-264		26,400	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	31,700	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
58-275		27,500	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	33,000	SBFVE-B-C	SBFJE-C-C	SBFSE-B-C	SBFPE-B-C
68-318		31,800	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	38,200	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
68-390		39,000	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C	46,800	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
16-39		3900	SBFVE-AAA-C	SBFJE-AAA-C	SBFSE-AAA-C	SBFPE-AAA-C	4700	SBFVE-AAA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C
16-48		4800	SBFVE-AAA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C	5800	SBFVE-AAA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C
16-58		5800	SBFVE-AAA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C	7000	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C
26-70		7000	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C	8400	SBFVE-AA-C	SBFJE-AA-C	SBFSE-A-C	SBFPE-A-C
26-87		8700	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	10,400	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
26-115		11,500	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	13,800	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
36-145		14,500	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	17,400	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
36-170		17,000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	20,400	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
46-192		19,200	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	23,000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
46-230		23,000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	27,600	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
56-245		24,500	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	29,400	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
66-295		29,500	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	35,400	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
66-345		34,500	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C	41,400	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
14-42		4200	SBFVE-AAA-C	SBFJE-AAA-C	SBFSE-AA-C	SBFPE-AA-C	5000	SBFVE-AAA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C
24-84		8400	SBFVE-AA-C	SBFJE-AA-C	SBFSE-A-C	SBFPE-A-C	10,100	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
24-105		10,500	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	12,600	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
34-130		13,000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	15,600	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
44-170		17,000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	20,400	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
54-215		21,500	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	25,800	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
64-255		25,500	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	30,600	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C

MEDIUM PROFILE UNIT COOLERS

COIL MODEL IT•, IF•	COIL INLET CONNECTIONS Inches	10°F TEMPERATURE DIFFERENCE			
		CAPACITY BTU/HR	REFRIGERANT		
			22	404A	507
-20°F ROOM AND -30°F SUCTION TEMPERATURE					
24-105	1/2 ODS	10000	SBFVE-A-ZP40	SBFSE-A-ZP	SBFPE-A-ZP
24-140		13400	SBFVE-B-ZP40	SBFSE-B-ZP	SBFPE-B-ZP
34-175		16700	SBFVE-B-ZP40	SBFSE-B-ZP	SBFPE-B-ZP
34-230		21900	SBFVE-B-ZP40	SBFSE-C-ZP	SBFPE-C-ZP
24-325	7/8 ODS	31000	SBFVE-C-ZP40	EBSSE-6-ZP	EBSPE-6-ZP
34-390		37100	SBFVE-C-ZP40	EBSSE-6-ZP	EBSPE-6-ZP
34-510		48,600	EBSVE-8-ZP40	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
26-130	1/2 ODS	12,400	SBFVE-A-ZP40	SBFSE-A-ZP	SBFPE-A-ZP
26-150		14,300	SBFVE-B-ZP40	SBFSE-B-ZP	SBFPE-B-ZP
36-185		17,600	SBFVE-B-ZP40	SBFSE-B-ZP	SBFPE-B-ZP
26-270		25,700	SBFVE-C-ZP40	SBFSE-C-ZP	SBFPE-C-ZP
26-320	7/8 ODS	30,500	SBFVE-C-ZP40	EBSSE-6-ZP	EBSPE-6-ZP
36-385		36,700	SBFVE-C-ZP40	EBSSE-6-ZP	EBSPE-6-ZP
36-460		43800	EBSVE-8-ZP40	EBSSE-6-ZP	EBSPE-6-ZP
36-520		49500	EBSVE-8-ZP40	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
-10°F ROOM AND -20°F SUCTION TEMPERATURE					
24-105	1/2 ODS	10500	SBFVE-A-ZP40	SBFSE-A-ZP	SBFPE-A-ZP
24-140		14000	SBFVE-A-ZP40	SBFSE-A-ZP	SBFPE-A-ZP
34-175		17500	SBFVE-B-ZP40	SBFSE-B-ZP	SBFPE-B-ZP
34-230		23000	SBFVE-B-ZP40	SBFSE-C-ZP	SBFPE-C-ZP
24-325	7/8 ODS	32500	SBFVE-C-ZP40	SBFSE-C-ZP	SBFPE-C-ZP
34-390		39000	SBFVE-C-ZP40	EBSSE-6-ZP	EBSPE-6-ZP
34-510		51,000	EBSVE-8-ZP40	EBSSE-6-ZP	EBSPE-6-ZP
26-130	1/2 ODS	13,000	SBFVE-A-ZP40	SBFSE-A-ZP	SBFPE-A-ZP
26-150		15,000	SBFVE-B-ZP40	SBFSE-B-ZP	SBFPE-B-ZP
36-185		18,500	SBFVE-B-ZP40	SBFSE-B-ZP	SBFPE-B-ZP
26-270		27,000	SBFVE-B-ZP40	SBFSE-C-ZP	SBFPE-C-ZP
26-320	7/8 ODS	32,000	SBFVE-C-ZP40	SBFSE-C-ZP	SBFPE-C-ZP
36-385		38,500	SBFVE-C-ZP40	EBSSE-6-ZP	EBSPE-6-ZP
36-460		46000	SBFVE-C-ZP40	EBSSE-6-ZP	EBSPE-6-ZP
36-520		52000	EBSVE-8-ZP40	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
0°F ROOM AND -10°F SUCTION TEMPERATURE					
24-105	1/2 ODS	11,100	SBFVE-A-ZP40	SBFSE-A-ZP	SBFPE-A-ZP
24-140		14,600	SBFVE-A-ZP40	SBFSE-A-ZP	SBFPE-A-ZP
34-175		18,200	SBFVE-B-ZP40	SBFSE-B-ZP	SBFPE-B-ZP
34-230		24,000	SBFVE-B-ZP40	SBFSE-C-ZP	SBFPE-C-ZP
24-325	7/8 ODS	33,800	SBFVE-C-ZP40	SBFSE-C-ZP	SBFPE-C-ZP
34-390		40,600	SBFVE-C-ZP40	EBSSE-6-ZP	EBSPE-6-ZP
34-510		53,100	SBFVE-C-ZP40	EBSSE-6-ZP	EBSPE-6-ZP
26-130	1/2 ODS	13,600	SBFVE-A-ZP40	SBFSE-A-ZP	SBFPE-A-ZP
26-150		15,600	SBFVE-A-ZP40	SBFSE-A-ZP	SBFPE-A-ZP
36-185		19,300	SBFVE-B-ZP40	SBFSE-B-ZP	SBFPE-B-ZP
26-270		28,100	SBFVE-B-ZP40	SBFSE-C-ZP	SBFPE-C-ZP
26-320	7/8 ODS	33,300	SBFVE-C-ZP40	SBFSE-C-ZP	SBFPE-C-ZP
36-385		40,100	SBFVE-C-ZP40	EBSSE-6-ZP	EBSPE-6-ZP
36-460		47,900	SBFVE-C-ZP40	EBSSE-6-ZP	EBSPE-6-ZP
36-520		54,100	SBFVE-C-ZP40	EBSSE-6-ZP	EBSPE-6-ZP

MEDIUM PROFILE UNIT COOLER

COIL MODEL IT•, IF•	COIL INLET CONNECTIONS Inches	CAPACITY BTU/HR	10°F TEMPERATURE DIFFERENCE REFRIGERANT 22	134a	404A	507
20°F ROOM AND 10°F SUCTION TEMPERATURE						
24-105	1/2 ODS	11,700	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
24-140		15,900	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
34-175		19,800	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
34-230		26,000	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
24-325	7/8 ODS	36,800	SBFVE-B-C	SJE-2-C	SSE-3-C	SPE-3-C
34-390		44,100	SBFVE-B-C	SJE-2-1/2-C	SSE-3-C	SPE-3-C
34-510		57,700	SVE-4-C	SJE-5-C	SSE-4-C	SPE-4-C
26-130	1/2 ODS	14,200	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
26-150		17,000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
36-185		21,000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
26-270		29,200	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
26-320	7/8 ODS	35,600	SBFVE-B-C	SBFJE-C-C	SSE-3-C	SPE-3-C
36-385		43,600	SBFVE-B-C	SJE-2-1/2-C	SSE-3-C	SPE-3-C
36-460		52,000	SVE-4-C	SJE-3-C	SSE-4-C	SPE-4-C
36-520		58,800	SVE-4-C	SJE-5-C	SSE-4-C	SPE-4-C
35°F ROOM AND 25°F SUCTION TEMPERATURE						
24-105	1/2 ODS	12,600	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
24-140		16,900	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
34-175		22,400	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
34-230		28,700	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
24-325	7/8 ODS	40,100	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
34-390		46,000	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
34-510		58,500	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
26-130	1/2 ODS	15,000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
26-150		19,100	SBFVE-A-C	SBFJE-A-C	SBFSE-B-C	SBFPE-B-C
36-185		24,000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
26-270		30,500	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
26-320	7/8 ODS	37,000	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
36-385		49,000	SBFVE-C-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
36-460		54,800	SBFVE-C-C	SBFJE-C-C	EBSSE-6-C	EBSPE-6-C
36-520		62,000	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C

COIL MODEL ITA, IFA	COIL INLET CONNECTIONS Inches	CAPACITY BTU/HR	10°F TEMPERATURE DIFFERENCE REFRIGERANT 22	134a	404A	507
35°F ROOM AND 25°F SUCTION TEMPERATURE						
24-126	1/2 ODS	12,600	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
24-169		16,900	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
34-224		22,400	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
34-287		28,700	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
24-340	7/8 ODS	34,000	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
24-395		39,500	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
34-465		46,500	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
34-585		58,500	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
26-145	1/2 ODS	14,500	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
26-191		19,100	SBFVE-A-C	SBFJE-A-C	SBFSE-B-C	SBFPE-B-C
36-240		24,000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
36-305		30,500	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
26-370	7/8 ODS	37,000	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
36-415		41,500	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
36-490		49,000	SBFVE-C-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
36-620		62,000	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
28-151	1/2 ODS	15,100	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
28-210		21,000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
38-260		26,000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
38-320		32,000	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
28-410	7/8 ODS	41,000	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
28-450		45,000	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
38-540		54,000	SBFVE-C-C	SBFJE-C-C	EBSSE-6-C	EBSPE-6-C
38-690		69,000	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C

• E = Electric Defrost
G = Hot Gas Defrost Reverse Cycle
H = Hot Gas Re-Evap

Note: In some cases TEV connection sizes may not be the same size as the inlet of the unit coolers. It is entirely permissible to “couple up” or “bush down” to match up these sizes. This is not a functional problem for the operation of the TEV and/or unit cooler.

HEAVY DUTY UNIT COOLERS

COIL MODEL U•L, P•L	COIL INLET CONNECTIONS Inches	10°F TEMPERATURE DIFFERENCE				
		CAPACITY BTU/HR	REFRIGERANT			
			22		404A	507
-20°F ROOM AND -30°F SUCTION TEMPERATURE						
1-125	1/2 ODS	10,900	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
1-152		13,200	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
1-193	5/8 ODS	16,800	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
2-240	7/8 ODS	20,900	SBFVE-B-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
2-304		26,400	SBFVE-C-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
2-361		31,400	SBFVE-C-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
2-408		35,500	SBFVE-C-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
3-445		38,700	SBFVE-C-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
3-540		47,000	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
3-613		53,300	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
3-660		57,400	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
4-722	1-3/8 ODS	62,700	EBSVE-11-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
4-817	7/8 ODS	71,100	EBSVE-11-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
4-950	*7/8 ODS	**41,250**	SBFVE-C-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
4-1100		**47,850**	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
4-1260		**54,800**	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
4-1380		**60,000**	EBSVE-11-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
5-1575	*1-1/8 ODS	**68,500**	EBSVE-11-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
5-1725		**75,000**	EBSVE-11-ZP40	—	EBSSE-13-ZP	EBSPE-13-ZP
6-1890	*1-3/8 ODS	**82,200**	EBSVE-15-ZP40	—	EBSSE-13-ZP	EBSPE-13-ZP
6-2070		**90,000**	EBSVE-15-ZP40	—	EBSSE-13-ZP	EBSPE-13-ZP
-10°F ROOM AND -20°F SUCTION TEMPERATURE						
1-125	1/2 ODS	11,700	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
1-152		14,200	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-B-ZP
1-193	5/8 ODS	18,100	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
2-240	7/8 ODS	22,400	SBFVE-B-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
2-304		28,400	SBFVE-C-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
2-361		33,800	SBFVE-C-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
2-408		38,200	SBFVE-C-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
3-445		41,600	SBFVE-C-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
3-540		50,500	SBFVE-C-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
3-613		57,300	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
3-660		61,700	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
4-722	1-3/8 ODS	67,500	EBSVE-8-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
4-817	7/8 ODS	76,400	EBSVE-11-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
4-950	*7/8 ODS	**44,450**	SBFVE-C-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
4-1100		**51,450**	SBFVE-C-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
4-1260		**58,900**	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
4-1380		**64,500**	EBSVE-8-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
5-1575	*1-1/8 ODS	**73,650**	EBSVE-11-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
5-1725		**80,650**	EBSVE-11-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
6-1890	*1-3/8 ODS	**88,350**	EBSVE-11-ZP40	—	EBSSE-13-ZP	EBSPE-13-ZP
6-2070		**96,750**	EBSVE-15-ZP40	—	EBSSE-13-ZP	EBSPE-13-ZP
0°F ROOM AND -10°F SUCTION TEMPERATURE						
1-125	1/2 ODS	12,500	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
1-152		15,200	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
1-193	5/8 ODS	19,300	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
2-240	7/8 ODS	24,000	SBFVE-B-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
2-304		30,400	SBFVE-C-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
2-361		36,100	SBFVE-C-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
2-408		40,800	SBFVE-C-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
3-445		44,500	SBFVE-C-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
3-540		54,000	SBFVE-C-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
3-613		61,300	EBSVE-8-ZP40	—	EBSSE-6-ZP	EBSPE-7-1/2-ZP
3-660		66,000	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
4-722	1-3/8 ODS	72,200	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
4-817	7/8 ODS	81,700	EBSVE-8-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
4-950	*7/8 ODS	**47,500**	SBFVE-C-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
4-1100		**55,000**	SBFVE-C-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
4-1260		**63,000**	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
4-1380		**69,000**	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
5-1575	*1-1/8 ODS	**78,750**	EBSVE-8-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
5-1725		**86,250**	EBSVE-11-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
6-1890	*1-3/8 ODS	**94,500**	EBSVE-11-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
6-2070		**103,500**	EBSVE-11-ZP40	—	EBSSE-13-ZP	EBSPE-13-ZP
20°F ROOM AND 10°F SUCTION TEMPERATURE						
1-125	1/2 ODS	13,500	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
1-152		16,400	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
1-193	5/8 ODS	20,800	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
2-240	7/8 ODS	25,900	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
2-304		32,800	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
2-361		39,000	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
2-408		44,100	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
3-445		48,000	SBFVE-C-C	SBFJE-C-C	EBSSE-6-C	EBSPE-6-C
3-540		58,300	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
3-613		66,200	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
3-660		71,200	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
4-722	1-3/8 ODS	78,000	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
4-817	7/8 ODS	88,200	EBSVE-8-C	EBSJE-7-C	EBSSE-6-C	EBSPE-7-1/2-C
4-950	*7/8 ODS	**51,300**	SBFVE-C-C	SBFJE-C-C	EBSSE-6-C	EBSPE-6-C
4-1100		**59,400**	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
4-1260		**68,000**	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
4-1380		**74,500**	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
5-1575	*1-1/8 ODS	**85,000**	EBSVE-8-C	EBSJE-7-C	EBSSE-6-C	EBSPE-6-C
5-1725		**93,150**	EBSVE-8-C	EBSJE-7-C	EBSSE-7-1/2-C	EBSPE-7-1/2-C
6-1890	*1-3/8 ODS	**102,000**	EBSVE-8-C	EBSJE-7-C	EBSSE-7-1/2-C	EBSPE-7-1/2-C
6-2070		**111,750**	EBSVE-8-C	EBSJE-7-C	EBSSE-7-1/2-C	EBSPE-7-1/2-C

HEAVY DUTY UNIT COOLERS

COIL MODEL U•U, P•U	COIL INLET CONNECTIONS Inches	10°F TEMPERATURE DIFFERENCE				
		CAPACITY BTU/HR	REFRIGERANT			
			22	134a	404A	507
-20°F ROOM AND -30°F SUCTION TEMPERATURE						
1-118	1/2 ODS	11,800	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
2-236	7/8 ODS	23,600	SBFVE-B-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
2-355		35,500	SBFVE-C-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
3-474		47,400	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
4-711		71,100	EBSVE-11-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
4-851	7/8 ODS *	**42,550**	EBSVE-8-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
4-1080		**54,000**	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
5-1350		**67,500**	EBSVE-11-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
6-1620	1-1/8 ODS *	**81,000**	EBSVE-11-ZP40	—	EBSSE-13-ZP	EBSPE-13-ZP
-10°F ROOM AND -20°F SUCTION TEMPERATURE						
1-118	1/2 ODS	12,400	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
2-236	7/8 ODS	24,700	SBFVE-B-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
2-355		37,100	SBFVE-C-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
3-474		49,500	SBFVE-C-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
4-711		72,800	EBSVE-11-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
4-851	7/8 ODS *	**44,500**	SBFVE-C-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
4-1080		**56,450**	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
5-1350		**70,500**	EBSVE-8-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
6-1620	1-1/8 ODS *	**84,700**	EBSVE-11-ZP40	—	EBSSE-13-ZP	EBSPE-13-ZP
0°F ROOM AND -10°F SUCTION TEMPERATURE						
1-118	1/2 ODS	12,900	SVE-1-1/2-ZP40	—	SSE-1-ZP	SPE-1-ZP
2-236	7/8 ODS	25,700	SVE-2-ZP40	—	SSE-2-ZP	SPE-2-ZP
2-355		38,700	SVE-4-ZP40	—	SSE-4-ZP	SPE-4-ZP
3-474		51,600	SVE-5-ZP40	—	SSE-6-ZP	SPE-6-ZP
4-711		74,500	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
4-851	7/8 ODS *	**46,400**	SVE-5-ZP40	—	SSE-4-ZP	SPE-4-ZP
4-1080		**58,850**	EBSVE-8-ZP40	—	EBSSE-6-ZP	EBSPE-6-ZP
5-1350		**73,500**	EBSVE-8-ZP40	—	EBSSE-7-1/2-ZP	EBSPE-7-1/2-ZP
6-1620	1-1/8 ODS *	**88,300**	EBSVE-11-ZP40	—	EBSSE-10-ZP	EBSPE-10-ZP
+20°F ROOM AND +10°F SUCTION TEMPERATURE						
1-118	1/2 ODS	14,000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
2-236	7/8 ODS	27,900	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
2-355		42,100	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
3-474		56,100	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
4-711		81,000	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
4-851	7/8 ODS *	**50,450**	SBFVE-C-C	SBFJE-C-C	EBSSE-6-C	EBSPE-6-C
4-1080		**64,000**	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
5-1350		**80,000**	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
6-1620	1-1/8 ODS *	**96,000**	EBSVE-8-C	EBSJE-7-C	EBSSE-7-1/2-C	EBSPE-7-1/2-C

HEAVY DUTY UNIT COOLERS

COIL MODEL U•M, P•M	COIL INLET CONNECTIONS Inches	10°F TEMPERATURE DIFFERENCE				
		CAPACITY BTU/HR	REFRIGERANT			
			22	134a	404A	507
30°F ROOM, 20°F SUCTION TEMPERATURE						
1-164	1/2 ODS	16400	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
1-209	5/8 ODS	20900	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
2-270		27000	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
2-329		32900	SBFVE-B-C	SBFJE-C-C	SBFSE-B-C	SBFPE-B-C
2-390		39000	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
2-441		44100	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
3-583		58300	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
3-662	7/8 ODS	66200	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
4-780		78000	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
4-882		88200	EBSVE-8-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
4-1100		110000	EBSVE-8-C	EBSJE-7-C	EBSSE-7-1/2-C	EBSPE-7-1/2-C
4-1320	1-1/8 ODS	132000	EBSVE-8-C	EBSJE-9-C	EBSSE-10-C	EBSPE-10-C
4-1656		165600	EBSVE-11-C	EBSJE-12-C	EBSSE-13-C	EBSPE-13-C
5-2065	1-5/8 ODS	206500	EBSVE-15-C	EBSJE-12-C	EBSSE-13-C	EBSPE-13-C
6-2480		248000	EBSVE-15-C	OJE-16-C	OSE-21-C	OPE-21-C

HEAVY DUTY COOLERS

COIL MODEL UAH, PAH	COIL INLET CONNECTIONS Inches	10°F TEMPERATURE DIFFERENCE				
		CAPACITY BTU/HR	REFRIGERANT			
			22	134a	404A	507
35°F Room and 25°F SUCTION TEMPERATURE						
1-182	5/8 ODS	18200	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
1-232		23200	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
2-300		30000	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
2-365		36500	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
2-433		43300	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
2-490		49000	SBFVE-C-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
3-530	7/8 ODS	53000	SBFVE-C-C	SBFJE-C-C	EBSSE-6-C	EBSPE-6-C
3-648		64800	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
3-736		73600	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
4-866		86600	EBSVE-8-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
4-980		98000	EBSVE-8-C	EBSJE-7-C	EBSSE-7-1/2-C	EBSPE-7-1/2-C
4-1100		110000	EBSVE-8-C	EBSJE-7-C	EBSSE-7-1/2-C	EBSPE-7-1/2-C
4-1452		145200	EBSVE-11-C	EBSJE-9-C	EBSSE-10-C	EBSPE-10-C
4-1821		182100	EBSVE-11-C	EBSJE-12-C	EBSSE-13-C	EBSPE-13-C
5-2275	1-5/8 ODS	227500	EBSVE-15-C	EBSJE-12-C	EBSSE-13-C	EBSPE-13-C
6-2730	1-5/8 ODS	273000	EBSVE-20-C	OJE-16-C	OSE-21-C	OPE-21-C

- E = Electric Defrost
  H = Hot Gas Re-Evap
  G = Hot Gas Reverse Cycle
  A = Air Defrost (UAM & PAM Models ONLY)

Note: In some cases TEV connection sizes may not be the same size as the inlet of the unit coolers. It is entirely permissible to “couple up” or “bush down” to match up these sizes. This is not a functional problem for the operation of the TEV and/or unit cooler.

* Coil capacity split 50/50 with two connections and two thermostatic expansion valves required

Total Coil Capacities are Double the Values shown in Bold Numbers

LOW VELOCITY UNIT COOLERS

COIL MODEL	COIL INLET CONNECTIONS Inches	25°F SUCTION TEMPERATURE														
		10°F TEMPERATURE DIFFERENCE					15°F TEMPERATURE DIFFERENCE					20°F TEMPERATURE DIFFERENCE				
		CAPACITY	REFRIGERANT				CAPACITY	REFRIGERANT				CAPACITY	REFRIGERANT			
		BTU/HR	22	134a	404A	507	BTU/HR	22	134a	404A	507	BTU/HR	22	134a	404a	507
FL26-67	1/2 ODS	6700	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C	10050	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	13400	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
FL36-100		10000	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	15000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	20000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
FL36-135		13500	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	20250	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	27000	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
FL36-160		16000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	24000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	32000	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
FL46-180		18000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	27000	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	36000	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
FL46-220		22000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	33000	SBFVE-B-C	SBFJE-C-C	SBFSE-B-C	SBFPE-B-C	44000	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
FL46-265		26500	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	37950	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C	53000	SBFVE-C-C	SBFJE-C-C	EBSSE-6-C	EBSPE-6-C
FL56-370		37000	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C	55500	SBFVE-C-C	SBFJE-C-C	EBSSE-6-C	EBSPE-6-C	74000	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C
EF050M	1/2 ODS	5000	SBFVE-AAA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C	7500	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C	10000	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
EF075M		7500	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C	11300	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	15000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
EF100M		10000	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	15000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	20000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
EF130M		13000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	19500	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	26000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
EF160M		16000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	24000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	32000	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
EF190M		19000	SBFVE-A-C	SBFJE-A-C	SBFSE-B-C	SBFPE-B-C	28500	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	38000	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
EF220M		22000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	33000	SBFVE-B-C	SBFJE-C-C	SBFSE-B-C	SBFPE-B-C	44000	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
EF270M		27000	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	40500	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C	54000	SBFVE-C-C	SBFJE-C-C	EBSSE-6-C	EBSPE-6-C
EF340M		34000	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C	51000	SBFVE-C-C	SBFJE-C-C	EBSSE-6-C	EBSPE-6-C	68000	SBFVE-C-C	EBSJE-5-C	EBSSE-6-C	EBSPE-6-C

EXTRA LOW PROFILE UNIT COOLERS

COIL MODEL CTA, DFA	COIL INLET CONNECTIONS Inches	25°F SUCTION TEMPERATURE									
		10°F TEMPERATURE DIFFERENCE					15°F TEMPERATURE DIFFERENCE				
		CAPACITY	REFRIGERANT				CAPACITY	REFRIGERANT			
		BTU/HR	22	134a	404A	507	BTU/HR	22	134a	404A	507
38-75	1/2 ODS	7500	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C	11250	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
38-88		8800	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	13200	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
38-98		9800	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	14700	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
48-112		11200	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	16800	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
48-130		13000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	19500	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
48-150		15000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	22500	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
58-162		16200	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	24300	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
48-210		21000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	31500	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
58-230		23000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	34500	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
68-250		25000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	37500	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C
36-64		6400	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C	9600	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
36-82		8200	SBFVE-AA-C	SBFJE-AA-C	SBFSE-A-C	SBFPE-A-C	12300	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
36-93		9300	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	13950	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
46-100		10000	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	15000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
46-123		12300	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	18450	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-B-C
46-140		14000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	21000	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
56-157		15700	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C	23500	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
46-190		19000	SBFVE-A-C	SBFJE-A-C	SBFSE-B-C	SBFPE-B-C	28500	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
56-208		20800	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	31200	SBFVE-B-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
66-232		23200	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C	34800	SBFVE-B-C	SBFJE-C-C	SBFSE-C-C	SBFPE-C-C

EXTRA LOW PROFILE UNIT COOLERS

COIL MODEL CTE, DFE	COIL INLET CONNECTIONS Inches	10°F TEMPERATURE DIFFERENCE				
		CAPACITY	REFRIGERANT			
		BTU/HR	22	134a	404A	507
-10°F ROOM AND -20°F SUCTION TEMPERATURE						
36-53	1/2 ODS	5,300	SBFVE-AA-ZP40	—	SBFSE-AA-ZP	SBFPE-AA-ZP
36-62		6,200	SBFVE-AA-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
36-69		6,900	SBFVE-AA-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
46-77		7,700	SBFVE-AA-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
46-90		9,000	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
46-100		10,000	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
46-125		12,500	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
46-140		14,000	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
56-160		16,000	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
66-218		21,800	SBFVE-B-ZP40	—	SBFSE-C-ZP	SBFPE-C-ZP
34-48		4,800	SBFVE-AA-ZP40	—	SBFSE-AA-ZP	SBFPE-AA-ZP
34-58		5,800	SBFVE-AA-ZP40	—	SBFSE-AA-ZP	SBFPE-A-ZP
34-65		6,500	SBFVE-AA-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
44-72		7,200	SBFVE-AA-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
44-84		8,400	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
44-95		9,500	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
54-115		11,500	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
44-128		12,800	SBFVE-A-ZP40	—	SBFSE-A-ZP	SBFPE-A-ZP
54-145		14,500	SBFVE-A-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
64-173		17,300	SBFVE-B-ZP40	—	SBFSE-B-ZP	SBFPE-B-ZP
30°F ROOM AND 20°F SUCTION TEMPERATURE						
36-53	1/2 ODS	6,360	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C
36-62		7,440	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C
36-69		8,200	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-A-C
46-77		9,240	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
46-90		10,800	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
46-100		12,000	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
56-125		15,000	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
46-140		16,800	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
56-160		19,200	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
66-218		23,200	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C
34-48		5,760	SBFVE-AAA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C
34-58		6,960	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C
34-65		7,800	SBFVE-AA-C	SBFJE-AA-C	SBFSE-AA-C	SBFPE-AA-C
44-72		8,640	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
44-84		10,080	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
44-95		11,400	SBFVE-AA-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
54-115		13,800	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
44-128		15,360	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
54-145		17,400	SBFVE-A-C	SBFJE-A-C	SBFSE-A-C	SBFPE-A-C
64-173		20,760	SBFVE-A-C	SBFJE-B-C	SBFSE-B-C	SBFPE-B-C

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

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