



### REVERSING VALVE COIL CHARACTERISTICS

Aftermarket Model	Electrical Connection	Rated Voltage	Power Consumption
			AC
			60Hz (W)
Coil-SHF-FA4	Spade <sup>1</sup>	24 VAC	5
Coil SHF-FA2	Spade <sup>1</sup>	120 VAC	5
Coil SHF-FA5	Spade <sup>1</sup>	220-240 VAC	5

**Note:** 1. Wire harness for coil with Faston connector SQ-000000-090028



### REVERSING VALVE CAPACITY SELECTION TABLE

Aftermarket Model	Nominal Cooling Capacity (tons*)							
	R-407C		R-410A		R-134a		R-404A/R-507	
	Pressure Drop (PSI)							
	1.5	3.0	1.5	3.0	1.5	3.0	1.5	3.0
SHF(L)-4H-23U	0.91	1.31	1.08	1.54	0.74	1.05	0.74	1.05
SHF(L)-7H-34	1.68	2.36	1.96	2.76	1.34	1.88	1.34	1.88
SHF(L)-7H-34U	1.68	2.36	1.96	2.76	1.34	1.88	1.34	1.88
SHF(L)-7H-35	1.68	2.36	1.96	2.76	1.34	1.88	1.34	1.88
SHF-7H-45	1.68	2.36	1.96	2.76	1.34	1.88	1.34	1.88
SHF-9H-45D1-L1	2.1	2.9	2.4	3.4	1.6	2.3	1.6	2.3
SHF(L)-11H-46D1	2.59	3.67	3.04	4.29	2.08	2.93	2.08	2.93
SHF-14-46	3.81	5.37	4.46	6.31	3.04	4.29	3.04	4.29
SHF-14-47	3.81	5.37	4.46	6.31	3.04	4.29	3.04	4.29
SHF-14-56D1	3.81	5.37	4.46	6.31	3.04	4.29	3.04	4.29
SHF-20A-45	5.49	7.76	6.4	9.07	4.38	6.17	4.38	6.17
SHF-20A-56D1	5.49	7.76	6.4	9.07	4.38	6.17	4.38	6.17
SHF-20A-57D1	5.49	7.76	6.4	9.07	4.38	6.17	4.38	6.17
SHF-20D-46-02	5.49	7.76	6.4	9.07	4.38	6.17	4.38	6.17
SHF-35B-47-02	5.49	7.76	6.4	9.07	4.38	6.17	4.38	6.17
SHF-35B-47-04	8.47	12	9.92	14	8.47	9.58	6.77	9.55

\*Condensing temperature 130°F; evaporating temperature +45°F; Superheat and Subcooling temperature 9°F

**REFRIGERANT**  
R-22, R-134a, R-290,  
R-404A, R-407C, R-410A,  
R-507

**OPD MAX**  
580 psig

**LARGE TEMPERATURE SERVICE RANGE**  
-22°F to +275°F

**PS**  
650 psig

### Reversing Valve Nomenclature

**SHF (L) 11 H 4 6 D1 02**

Valve Series —————

Valve Body and Pilot Materials  
(L) = Brass Valve Body and SS Pilot Body  
(G) = SS Valve and Pilot Bodies  
Omit = Brass Valve and Pilot Bodies

"E", "S", and "C" connection size  
 "D" Connection size  
 Refrigerant Code  
 Nominal Capacity in kW

Slide Material and Uses  
01 = PPS/Fixed speed  
02 = PPS/Variable speed  
04 = PPS/Variable speed

Valve Style  
"D1" = "D" Connection on left above "E"  
"D2" = "D" Connection on right above "C"  
"4" = "D" Connection bent  
Omit = "D" Connection in center

