

▼ TYPE S

For Refrigerants 22, 134a, 404A, 507
ODF Solder Connections

Sporlan Type S valve is a brass bar body, externally adjustable valve with ODF solder connections. The thermostatic element is replaceable, and the inlet connection has a permanent 12 mesh strainer. This valve is designed for both air conditioning and refrigeration applications.

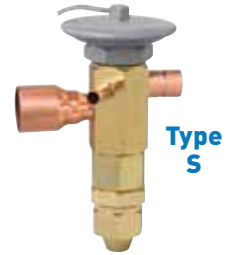
Outlet Connections

5/8" ODF, 7/8" ODF, 1-1/8" ODF

Mating Distributors (See Bulletin 20-10)

1112, 1113, 1115, 1116, 1620, 1622, 1651(R), 1653(R), 1655(R)

For complete details of construction, see page 35.



SPECIFICATIONS ELEMENT SIZE NO. 83, KNIFE EDGE JOINT

REFRIGERANT (Sporlan Code)	VALVE TYPE		NOMINAL CAPACITY Tons of Refrigeration	THERMOSTATIC CHARGES AVAILABLE	STANDARD TUBING LENGTH	CONNECTIONS - Inches ② ODF Solder Blue figures are standard and will be furnished unless otherwise specified.		NET WEIGHT	SHIPPING WEIGHT
	Internal Equalizer ①	External Equalizer				INLET	OUTLET		
22 (V) 407C (N) 407A (V) 422D (V)	SV-2	SVE-2	2	Refer to Recommended Thermostatic Charges on page 3	5 ft. 1.5 m	3/8 or 1/2	5/8, 7/8 or 1-1/8	2 lbs. 0.90 kg	3 lbs. 1.36 kg
	SV-3	SVE-3	3			1/2	5/8, 7/8 or 1-1/8		
	SV-4	SVE-4	4			5/8	7/8 or 1-1/8		
	SV-5	SVE-5	5			3/8 or 1/2	5/8, 7/8 or 1-1/8		
	—	SVE-8	8			1/2	5/8, 7/8 or 1-1/8		
—	SVE-10	10	5/8			7/8 or 1-1/8			
134a (J) 12 (F) 401A (X) 409A (F)	SJ-2	SJE-2	2			3/8 or 1/2	5/8, 7/8 or 1-1/8		
	SJ-2-1/2	SJE-2-1/2	2-1/2			1/2	5/8, 7/8 or 1-1/8		
	SJ-3	SJE-3	3			5/8	7/8 or 1-1/8		
	—	SJE-5	5			3/8 or 1/2	5/8, 7/8 or 1-1/8		
	—	SJE-6	6			1/2	5/8, 7/8 or 1-1/8		
404A (S) 502 (R) 408A (R)	SS-2	SSE-2	2			5/8	7/8 or 1-1/8		
	SS-3	SSE-3	3			3/8 or 1/2	5/8, 7/8 or 1-1/8		
	SS-4	SSE-4	4			1/2	5/8, 7/8 or 1-1/8		
	—	SSE-6	6			5/8	7/8 or 1-1/8		
	—	SSE-7	7			3/8 or 1/2	5/8, 7/8 or 1-1/8		
507 (P) 402A (L)	SP-2	SPE-2	2			1/2	5/8, 7/8 or 1-1/8		
	SP-3	SPE-3	3			5/8	7/8 or 1-1/8		
	SP-4	SPE-4	4			3/8 or 1/2	5/8, 7/8 or 1-1/8		
	—	SPE-6	6			1/2	5/8, 7/8 or 1-1/8		
	—	SPE-7	7			5/8	7/8 or 1-1/8		

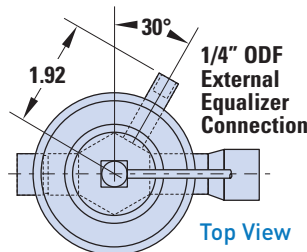
① Valves listed in this column NOT AVAILABLE with MOP Type air conditioning charges.

② ODF Solder indicates a female connection on the valve of proper diameter to receive copper tubing of corresponding OD size. Thus 5/8" ODF will receive 5/8" OD tubing.

DIMENSIONS

CONNECTIONS - Inches

FITTING SIZE	A	B	C
3/8	1.34	—	0.31
1/2	1.29	1.36	0.40
5/8	1.50	1.57	0.50
7/8	—	2.13	0.78
1-1/8	—	2.19	0.91



BULB SIZES - Inches

STANDARD CHARGES	REFRIGERANT			
	22	134a	404A	507
C	0.50 OD x 3.50			
Z & ZP Series	0.50 OD x 3.50	—	0.50 OD x 3.50	—
X	0.75 OD x 4.00	—	0.75 OD x 4.00	—
CP Series	0.50 OD x 3.50			
VGA	0.75 OD x 2.00	—	—	—

