

▼ TYPE O

For Refrigerants 22, 134a, 404A, 410A, 507
ODF Solder Connections

Sporlan Type O 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 type features a balanced port construction, and it is designed for both air conditioning and refrigeration applications. A synthetic seating surface provides tight shut-off during system off periods.

This valve type has two body styles: a small body which provides capacities up to 30 tons R-22 and

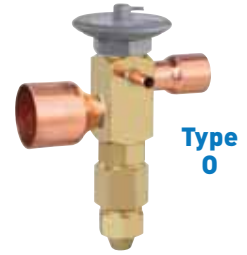
35 tons R-410A, and a large body which extends capacities to 70 tons R-22 and 60 tons R-410A.

Outlet Connections

1-1/8" ODF, 1-3/8" ODF, 1-5/8" ODF

Mating Distributors (See Bulletin 20-10)

1115, 1116, 1117, 1125, 1126, 1127, 1128, 1143, 1655(R), 1657(R), 1659(R)



For complete details of construction, see page 35.

SPECIFICATIONS ELEMENT SIZE NO. 83, NO. 33, NO. 85 (R-410A), AND NO. 85-3 (R-410A), KNIFE EDGE JOINT

| REFRIGERANT (Sporlan Code) | VALVE TYPE | | THERMOSTATIC ELEMENT SIZE NO. | THERMOSTATIC CHARGES AVAILABLE | STANDARD TUBING LENGTH | CONNECTIONS - Inches ① ODF Solder | | NET WEIGHT | SHIPPING WEIGHT | | | | |
|---|-----------------------|---|-------------------------------------|---|------------------------------|--|-----------------|---|--------------------|---|-------------------|-------------------|-------------------|
| | External Equalizer | NOMINAL CAPACITY Tons of Refrigeration | | | | Blue figures are standard and will be furnished unless otherwise specified. | | | | | | | |
| | | | | | | INLET | OUTLET | | | | | | |
| 22 (V) 407C (N) 407A (V) 422D (V) | OVE-15 ② | 15 | 83 | *Refer to Recommended Thermostatic Charges on page 3 | 5 feet 1.5 m | 7/8 | 1-1/8 | 2 lbs. 0.90 kg | 3 lbs. 1.36 kg | | | | |
| | OVE-20 ② | 20 | | | | | 1-3/8 | | | | | | |
| | OVE-30 ② | 30 | | | | | 1-1/8 | 1-3/8 or 1-5/8 | 4 lbs. 1.82 kg | 5 lbs. 2.27 kg | | | |
| | OVE-40 | 40 | 33 | | | 1-3/8 or 1-5/8 | | | | | | | |
| | OVE-55 | 55 | | | | | | | | | | | |
| | OVE-70 | 70 | | | | | | | | | | | |
| 134a (J) 12 (F) 401A (X) 409A (F) | OJE-9 | 9 | 83 | | | *Refer to Recommended Thermostatic Charges on page 3 | 5 feet 1.5 m | 7/8 | 1-1/8 | 2 lbs. 0.90 kg | 3 lbs. 1.36 kg | | |
| | OJE-12 | 12 | | | | | | | 1-3/8 | | | | |
| | OJE-16 | 16 | | | | | | | 1-1/8 | 1-3/8 or 1-5/8 | 4 lbs. 1.82 kg | 5 lbs. 2.27 kg | |
| | OJE-23 | 23 | 33 | | | | | 1-3/8 or 1-5/8 | | | | | |
| | OJE-32 | 32 | | | | | | | | | | | |
| | OJE-40 | 40 | | | | | | | | | | | |
| 404A (S) 502 (R) 408A (R) | OSE-9 | 9 | 83 | | | | | *Refer to Recommended Thermostatic Charges on page 3 | 5 feet 1.5 m | 7/8 | 1-1/8 | 2 lbs. 0.90 kg | 3 lbs. 1.36 kg |
| | OSE-12 | 12 | | | | | | | | | 1-3/8 | | |
| | OSE-21 | 21 | | | | | | | | | 1-1/8 | 1-3/8 or 1-5/8 | 4 lbs. 1.82 kg |
| | OSE-30 | 30 | 33 | | | | | | | 1-3/8 or 1-5/8 | | | |
| | OSE-35 | 35 | | | | | | | | | | | |
| | OSE-45 | 45 | | | | | | | | | | | |
| 410A (Z) | OZE-20 ② | 20 | 85 | *Refer to Recommended Thermostatic Charges on page 3 | 5 feet 1.5 m | | | | | 7/8 | 1-1/8 | 2 lbs. 0.90 kg | 3 lbs. 1.36 kg |
| | OZE-25 ② | 25 | | | | | | | | | 1-1/8 | | |
| | OZE-35 ② | 35 | 85-3 | | | | | | | | | | |
| | OZE-50 | 50 | | | | | | | | | | | |
| | OZE-60 | 60 | | | | | | | | | | | |
| 507 (P) 402A (L) | OPE-9 | 9 | 83 | | | | | | | *Refer to Recommended Thermostatic Charges on page 3 | 5 feet 1.5 m | 7/8 | 1-1/8 |
| | OPE-12 | 12 | | | | 1-3/8 | | | | | | | |
| | OPE-21 | 21 | | | | 1-1/8 | 1-3/8 or 1-5/8 | | | | | | 4 lbs. 1.82 kg |
| | OPE-30 | 30 | 33 | | | | | | | | | | |
| | OPE-35 | 35 | | | | | | | | | | | |
| | OPE-45 | 45 | | | | | | | | | | | |

① 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.

② Optional bi-directional feature is available, please contact Sporlan Division of Parker for more information.

* X charge not available.