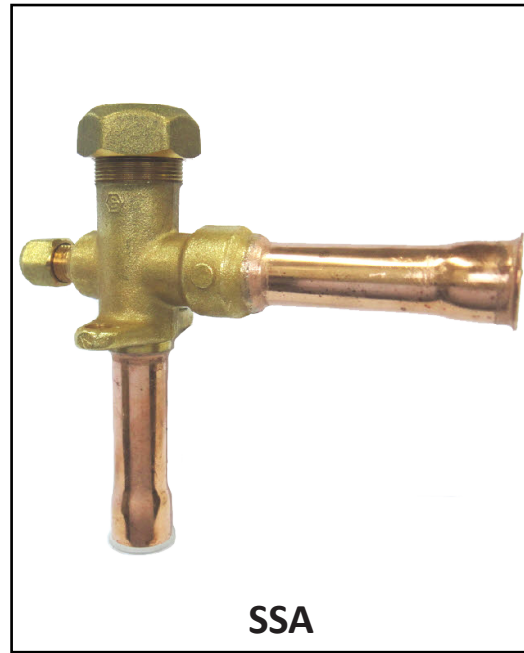
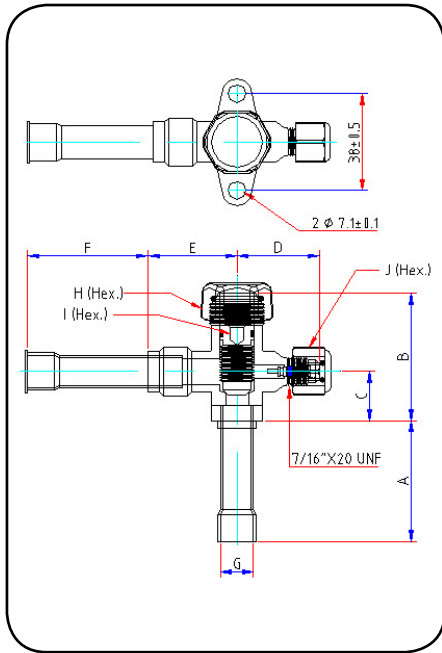


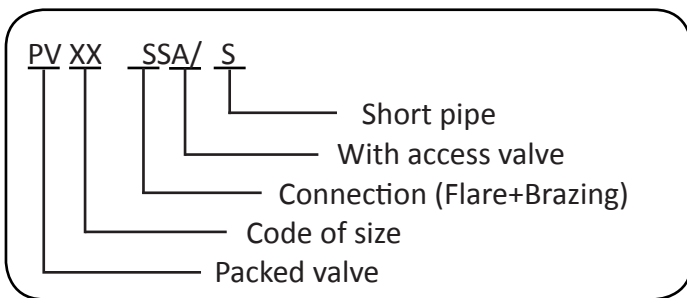
SERVICE VALVE

(solder to solder)



Dimension : mm

Part No.	Description	Connection	A	B	C	D	E	F	G	H	I	J
PV22 SSA	Service valve 1/4" solder to solder	6.35 (1/4")	60	39	17.65	29	27	56	6.43	19	4	14
PV33 SSA	Service valve 3/8" solder to solder	9.53 (3/8")	60	39	17.65	29	27	37	9.6	19	4	14
PV33 SSA	Service valve 3/8" solder to solder	9.53 (3/8")	60	39	17.65	29	27	56	9.6	19	4	14
PV44 SSA	Service valve 1/2" solder to solder	12.7 (1/2")	60	50	17	32.50	33.50	56	12.8	27	5	14
PV55 SSA	Service valve 5/8" solder to solder	15.88 (5/8")	60	56	20.20	33.25	36.75	56	16.02	30	5	14
PV66 SSA	Service valve 3/4" solder to solder	19.05 (3/4")	60	65	26	34.75	44.25	56	19.18	35	6	14
PV77 SSA	Service valve 7/8" solder to solder	22.22 (7/8")	60	75	30	35.50	46.50	54	22.40	36	8	14



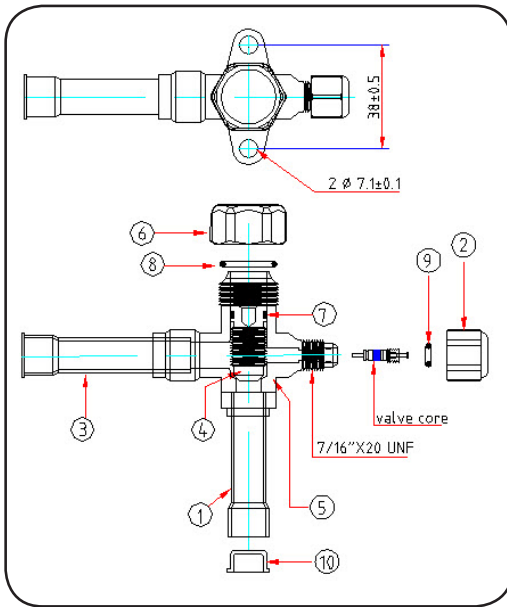
Specification

1. For freon R12, R22, R502, R134a, R407C
2. Maximum working pressure 30 g/SQ CM., gauge(430 Psig.)
3. Operating temperature range: -28 °C to 100 °C

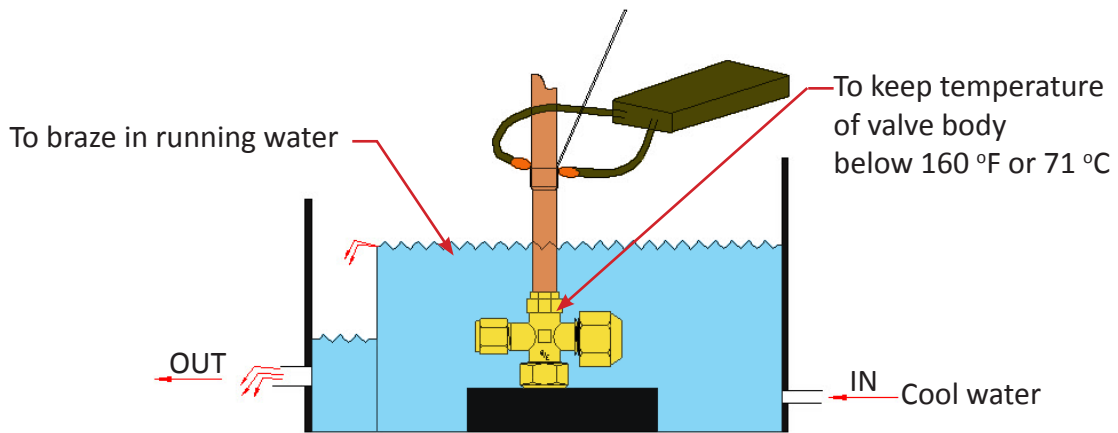


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MANUFACTURER



No.	Description	Material
1	Tube connection	Copper
2	Cap, charging port	Brass (C3601)
3	Tube connection	Copper
4	Plunger	Brass (C3601)
5	Body(forged)	Brass (C3607)
6	Cap, valve port	Brass (C3601)
7	O - ring	Neoprene
8	O - ring	Neoprene
9	O - ring	Neoprene
10	Tube seal	LDPE



Brazing Intruction

Engineering Specification Data

Description service valve	
Construction	<ul style="list-style-type: none"> • Body(5) : Forged Brass (C3771) • Plunger(4) : Brass with O-ring tightening torque for seating: Size 1/4, 3/8 = 2.5 - 3.0 ft-lb. (3.4 - 4.0 N-m) Size 1/2, 5/8 = 10 - 12.5 ft-lb. (13 - 17 N-m) Size 3/4, 7/8 = 20 - 25 ft-lb. (27 - 34 N-m) • Seat : Metal contact seat • Service Port : 1/4 Sae – Flare with valve-core, Tightening torque for valve-core = 1.5-3.0 In-lb. (0.17-0.34 N-m) • Weld : By silver brazing, to withstand to 1100 deg.F (600 deg.C.)
Static Pressure	• Maximum working pressure 430 Psig.(30kg./Sqcm. Gauge)
Working Temperature	• -28 °C To 100 °C (-20 °F To 212 °F)
Refrigerant	• R12, R22, R502, R134a, R407c
Leak Test	• 100% Leak test of valve functions (open and close) by bubble leak test with nitrogen at 450 Psig.(31kg./Sqcm. Gauge)



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