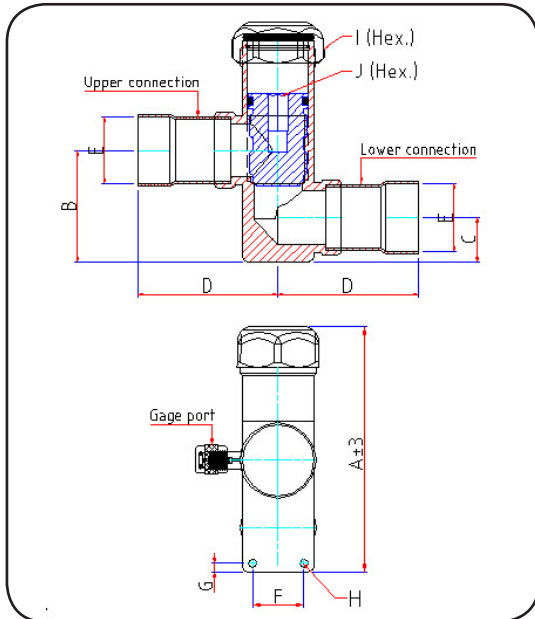


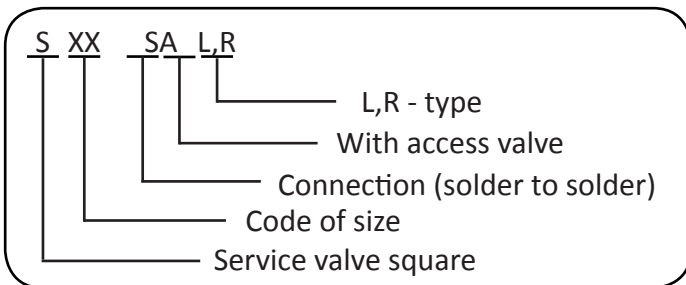
SERVICE VALVE SQUARE

Large body



Dimension : Inch/mm

Part No.	Description	Body size Square	A	B	C	D	E	F	G	H	I	J
			Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)
S1-1/8 SAL	Service valve 1-1/8 L - type	1-1/4" (31.75)	4.13 (105)	1.97 (50)	0.45 (23)	2.62 (66.5)	1.13 (Ø28.67)	0.75 (19.05)	0.18 (4.5)	0.167 (Ø4.25)	1.41 (36)	5/16" (8)
S1-1/8 SAR	Service valve 1-1/8 R - type											
S1-3/8 SAL	Service valve 1-3/8 L - type	1-1/2" (38.1)	4.76 (121)	2.32 (59)	0.92 (23.5)	2.76 (69)	1.38 (Ø35.03)	1-1/16" (26.9)	0.18 (4.5)	0.167 (Ø4.25)	1.73 (44)	0.39 (10)
S1-3/8 SAR	Service valve 1-3/8 R - type											



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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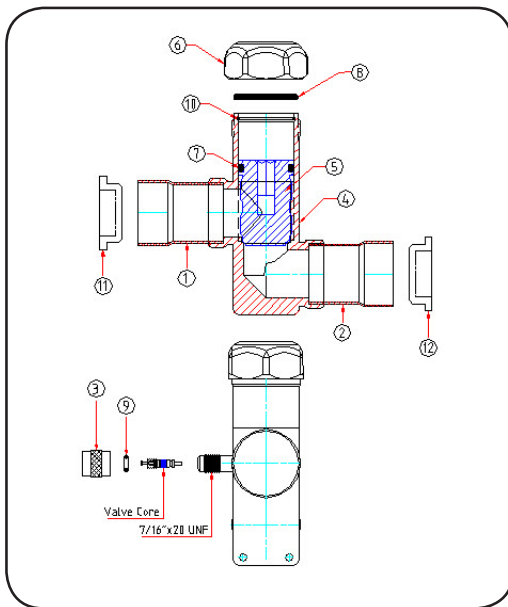
1/17 Moo 2, Rama 2 Road, Thasai, Muong Samutsakhon74000, Thailand.

Tel. (662) 8080457, 8080458 Fax. (662) 8081217, 8081218

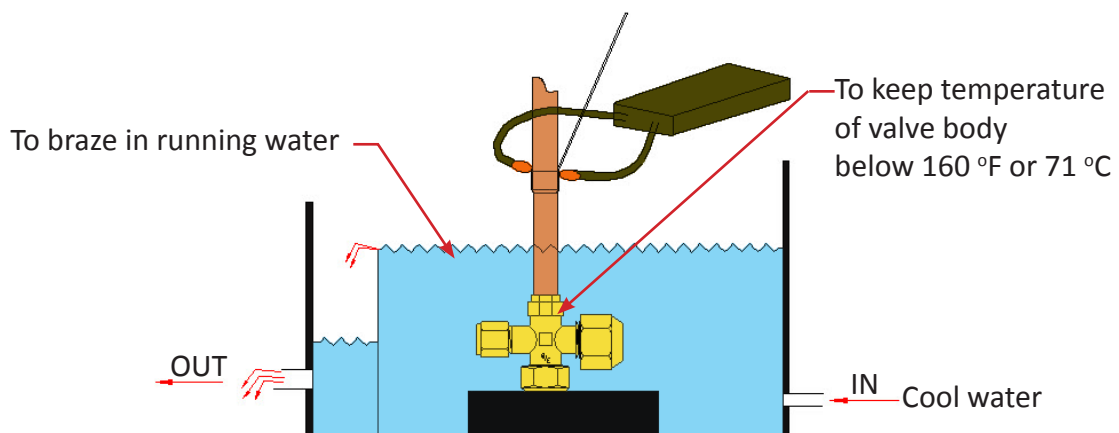
Email: grand@loxinfo.co.th

www.packedvalve.com, www.servicevalve.com, www.servicevalve.net

MANUFACTURER



No.	Description	Material
1	Tube connection	Copper
2	Tube connection	Copper
3	Cap, charging port	Brass (C3604)
4	Body	Brass (C3771)
5	Plunger	Brass (C3601)
6	Cap, valve port	Brass (C3604)
7	O - ring	Neoprene
8	O - ring	Neoprene
9	O - ring	Neoprene
10	Ring, Lock	Stainless Steel
11	Tube seal	LDPE
12	Tube seal	LDPE



Brazing Intruction

Engineering Specification Data

Description service valve	
Construction	<ul style="list-style-type: none"> • Body(4) : Forged Brass (C3771) • Plunger(5) : 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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