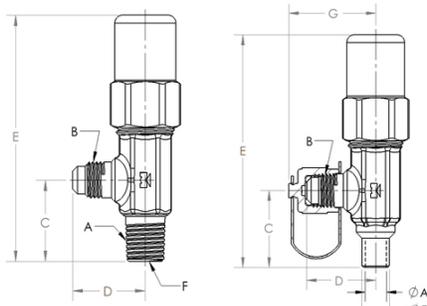




Features:

- Design Pressure (DP) / Maximum abnormal pressure (MAP): 900 psig, 62 bar
- Continuous operating temperature (COT): -40°F/300°F, -40°C/149°C
- Contact factory or visit website for compatibility with CFC, HCFC, HFC and HFO refrigerants and oils and sub-critical CO2 (R744)
- UL/cUL Recognized, Conforms to EU Pressure Equipment Directive and UK Pressure Equipment Regulation
- Forged brass body
- Corrosion resistant stem suitable for refrigerants and other industrial fluids
- Double o-ring stem sealing design
- Dual O-Ring design offers increased cycle life and decreased maintenance
- Designed for increased flow

Non-Backseating, Double O-Ring Stem Seal



NPTFE Inlet to Flare

Solder to Flare

NPTFE Inlet to Flare

Part Number	NPTFE Flare		C		D		E		Counterbore Dim F		Standard Seal Cap Material *	Replacement Seal Cap		Wt		Previous Design Reference
	A in	B in	in	mm	in	mm	in	mm	Diameter in	Depth mm		Brass *	Plastic	lb	kg	

AV1H-FA21A	1/4	1/4	1.00	25	0.94	24	3.02	77	.254	6.45	.31	7.87	Brass	A 16474	P 34627	0.33	0.15	A 16472
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* Bulk packed

Solder to Flare

Part Number ^	Solder Flare		C		D		E		F ODE		G To Cap		Torque				Standard Seal Cap Material *	Replacement Seal Cap		Wt		Previous Design Reference
	A in	B in	in	mm	in	mm	in	mm	in	mm	in	mm	Pack Gland ft-lb	N-m	Seal Cap ft-lb	N-m		Brass *	Plastic	lb	kg	

AV1H-RA22B	1/4^	1/4	1.00	25	0.94	24	3.02	77	3/8	1.18	30	8 - 12	11 - 16	20 - 30	27 - 41	Brass	A 16474	P 34627	0.30	0.14	A 17502
AV1H-RA22E *	1/4^	1/4	1.00	25	0.94	24	3.02	77	3/8	1.16	29	8 - 12	11 - 16	20 - 30	27 - 41	Brass	A 16474	P 34627	0.30	0.14	AA17502
AV1H-SB23C	3/8^	3/8	1.00	25	1.11	28	3.02	77	1/2	1.27	32	8 - 12	11 - 16	20 - 30	27 - 41	Brass	A 16474	P 34627	0.38	0.17	B 34255

^ 1/4 Solder also 3/8 FTG. 3/8 Solder also 1/2 FTG.

* Bulk packed