

2-VALVE BLOCK & BLEED



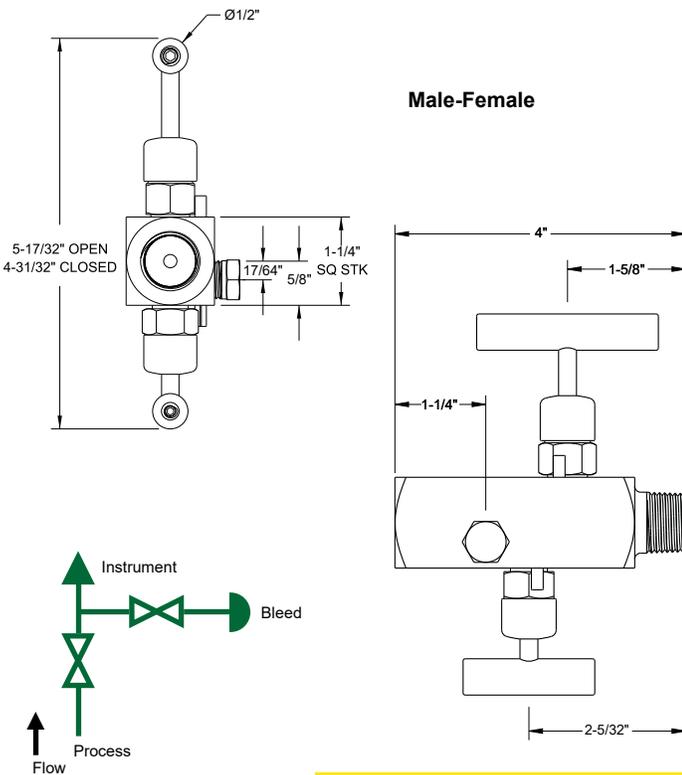
Reotemp's 2-Valve Block & Bleed allows users more options to control their venting. The secondary valve bleeds process through 1/4" FNPT port giving the user the ability to vent to atmosphere or capture the process by directly piping to the valve body.

FEATURES / BENEFITS

- 1/4" FNPT Bleed Port
- FKM O-ring Seal and PTFE Back-up Ring Below the Stem Threads to Protect from Corrosion and Galling; Soft Seat comes Standard with Delrin Seat
- PTFE or Grafoil Packing Optional
- All Stems are 316SS
- Vinyl Dust Cap for Bonnet & Stem (Non-packing)
- Rolled Threads for Strength, Durability, and Ease of Use
- All Valves are Helium Leak Tested for Optimal Performance

SPECIFICATIONS

Body Material	316 Stainless Steel, Zinc-nickel Plated Carbon Steel
Pressure Rating	Hard Seat - 10,000 psi at 200°F, Soft Seat - 6,000 psi at 200°F.
Temperature Rating	Standard up to 200°F; Available up to 1,000°F. See Pressure/Temperature Charts on Page 158 for More Detailed Information.
Orifice	0.187"
Flow	Hard Seat C _v : 0.44, Soft Seat C _v : 0.76
Connections	1/4" or 1/2"



HOW TO ORDER: Choose options to build a part number. For example: **G20H22S-P2NC**

MODEL	SEAT TYPE	CONNECTION SIZE	MATERIAL	OPTIONS
G20 = 2-Valve Block & Bleed	H = Hard Seat S = Soft Seat	44 = 1/4" MxF 4F = 1/4" FxF 4R = 1/4" FxM 22 = 1/2" MxF 2F = 1/2" FxF 2R = 1/2" FxM	C = Carbon Steel S = Stainless Steel H = Hastelloy C M = Monel	-P2NC* Available on G10: -P1 = PTFE Packaging -EX = Extended Valve Body Available on G10H: -RV = Right Vent -P2 = Grafoil Packing (316SS Body Rating 1,000°F at 1,500 psi)

*See 159 for Additional Options

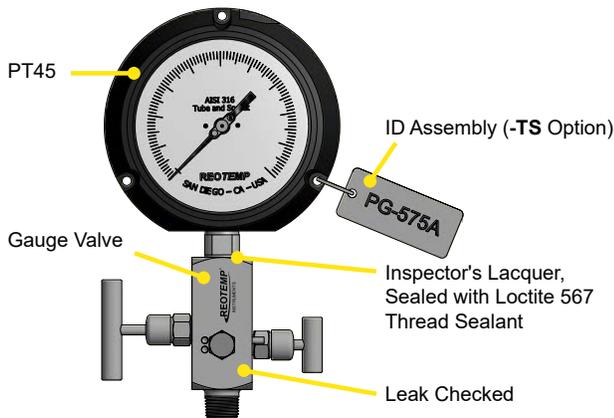
INSTRUMENT & VALVE ASSEMBLIES

Reotemp offers in house mounting services by preinstalling pressure (or dP) instrumentation on valve assemblies prior to shipping to allow for stress free/easy installation. Select from a variety of standard designs or contact your Reotemp customer service representative to design a custom assembly to suit your desired application.

- ✓ Inspector's Lacquer & Threads Sealed with Loctite 567™
- ✓ 100% Argon Leak Checked (Maximum 1,000 psi)
- ✓ Optional ID Tag for Complete Assembly
- ✓ Packaged for Out of Box Installation
- ✓ DP Assemblies Mounted with 316SS Compression Fittings & 316 Tubing
- ✓ To Customize Your Design Contact Reotemp Customer Service

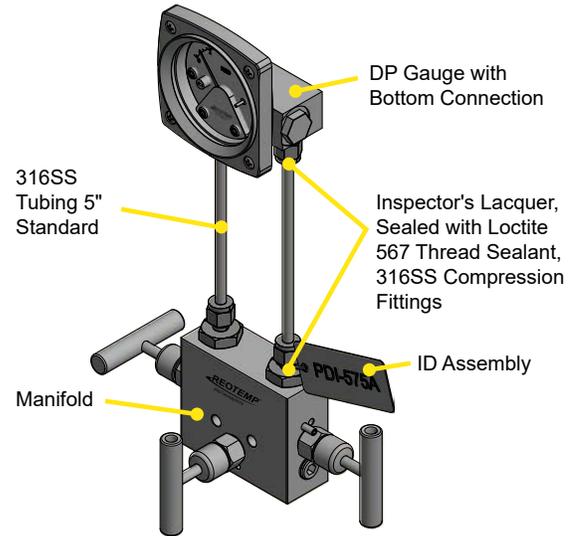
HOW TO ORDER:
Choose options to build a part number.

PT45P1A2P20-D-T-TS	// G20H22S	-A1
SELECT PRESSURE GAUGE	SELECT VALVE	SELECT MOUNT



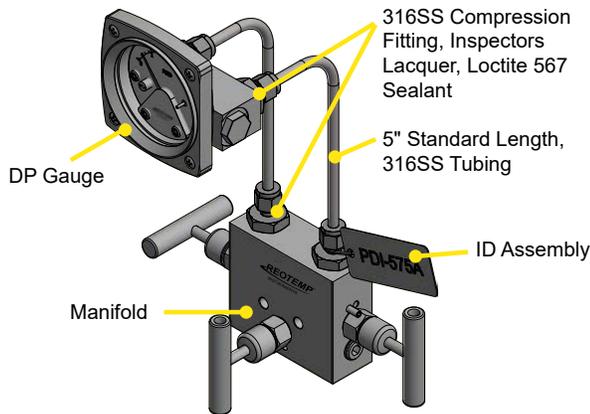
-A1

Valve mounted to pressure instrument. (Example: Gauge, Switch Direct Mount or Transmitter.)



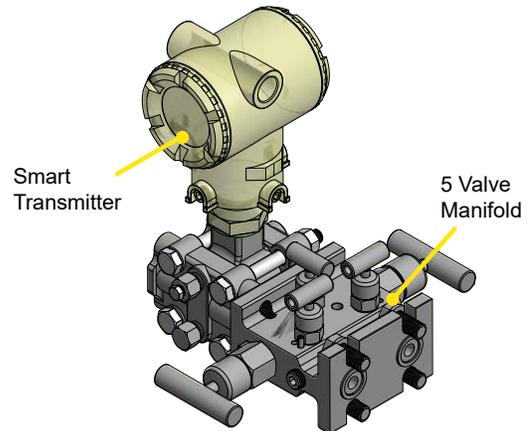
-A4

Bottom mounted differential pressure gauge to manifold.



-A5

Back mounted threaded differential pressure gauge to manifold.



-A6

Differential transmitter to manifold.

VALVE OPTIONS



Visit reotemp.com

- ✓ Check Stock
- ✓ Get Price
- ✓ Configure Part #
- ✓ Download PDF Data Sheets

		G10	G20	G30	G40	N10	M2PH	M2PS	M2LH	M2LS	M2M	M30H	M30S	M3M	M50H	M50S
PACKING/O-RINGS																
P1	PTFE Packing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
P2	Grafoil Packing	H	H	H	H	H	✓	N/A	✓	N/A	✓	✓	N/A	N/A	✓	N/A
P3	EPDM O-Ring	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	✓	N/A	N/A
P4	FFKM (Kalrez 3018) O-Ring	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	✓	N/A	N/A
P5	NBR O-Ring	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	✓	N/A	N/A
SOFT SEATS																
S1	PEEK	S	S	S	S	S	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓
S2	PCTFE	S	S	S	S	S	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓
STEM TIPS																
T1	Non-Rotating SS Stem Tip	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
T5	Ball (440C Stainless) Stem Tip	H	H	H	H	H	✓	N/A	✓	N/A	N/A	✓	N/A	N/A	✓	N/A
T6	Ball (Carbide) Stem Tip	H	H	H	H	H	✓	N/A	✓	N/A	N/A	✓	N/A	N/A	✓	N/A
T7	Ball (Ceramic) Stem Tip	H	H	H	H	H	✓	N/A	✓	N/A	N/A	✓	N/A	N/A	✓	N/A
T8	Ball (Monel) Stem Tip	H	H	H	H	H	✓	N/A	✓	N/A	N/A	✓	N/A	N/A	✓	N/A
T9	Regulating Hard Stem Tip	H	H	H	H	H	✓	N/A	✓	N/A	N/A	✓	N/A	N/A	✓	N/A
MOUNTING OPTIONS																
M1	CS 2" Pipe Mounting Bracket	N/A	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓
M2	SS 2" Pipe Mounting Bracket	N/A	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓
M3	1 Nut	✓	N/A	N/A	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
M4	2 Nuts	✓	N/A	N/A	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EXTRAS																
NC	NACE Compliance MR0175*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OX	Cleaned for O2 Service	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IH	Internal Hydrostatic Test	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PM	Positive Material ID	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EX	Extended Body Design	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
RV	Right Vent	N/A	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HP	1/2" Hex Plug	N/A	N/A	N/A	✓	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BP	1/2" Bleed Plug	N/A	STD	STD	✓	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BV	1/2" Bleed Valve	N/A	N/A	N/A	✓	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FC	CS Futbol	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FS	SS Futbol	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DC	CS Dielectric Kit	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DS	SS Dielectric Kit	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
AC	CS Static Adaptors	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
AS	SS Static Adaptors	N/A	N/A	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

VALVES

*Available only on SS, Monel, & Hastelloy C-276 bodies.

- ✓ Indicates that the option is available
- N/A Indicates the option is not available
- STD The option comes standard
- H Only available on hard seated valves
- S Only available on soft seated valves