

PVC Chemcock™ and Calibrated Needle Lab Valves

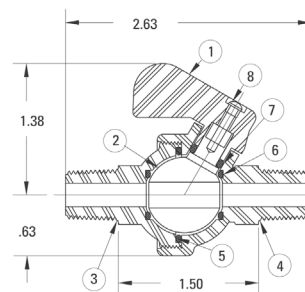
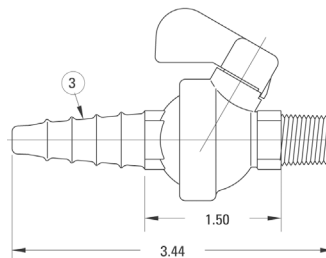


Chemtrol Figure No.

A45CC-V	1/4" Hose x 1/4" MPT
M45CC-V	1/4" MPT x 1/4" MPT

Features

- Rated at 150 psi with non-shock service at 73°F
- Its (4.8) calculated fluid flow coefficient (Cv) is based on the laying length being equivalent to 1/4" Schedule 80 pipe.
- Easily adaptable to any type of connection.
- Opens and closes with only a quarter turn.
- Replaceable FKM O-ring seats and seals.
- Corrosion-resistant all thermoplastic PVC construction.
- No sticking or galling.
- Full port design.



Approx. Weight 0.06 lbs.

Construction Materials

Part	Material
1. Handle	PVC
2. Ball/Stem	PVC
3. Body End – Hose or Thread	PVC
4. Body Half – Stem Side	PVC
5. O-Ring – Body Seal	FKM
6. O-Ring – Ball Seats (2)	FKM
7. O-Ring – Stem Seal	FKM
8. Handle Screw	Cadmium Plated Steel

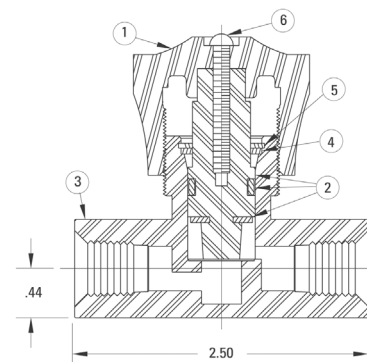
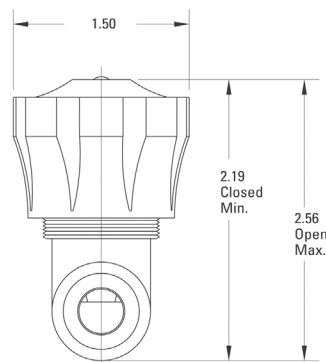


Chemtrol Figure No.

T45CN-V 1/4" FPT x 1/4" FPT

Features

- Rated at 150 psi with non-shock service at 73°F
- Precise flow measurement.
- Positive stop for safe operation.
- PTFE seat prevents wear on needle.
- Accurately adjust the flow by observing the knob handle exposing numerals molded on the valve body



Approx. Weight 0.13 lbs.

Construction Materials

Part	Material
1. Adjustment Knob	PVC
2. Stem Assembly	PVC w/PTFE Seat Seal & FKM Stem Seal
3. Body	PVC
4. Retainer Washer	PVC
5. Snap Ring	Stainless Steel
6. Screw	Stainless Steel

Maximum Operating Pressure (psi) vs. Temperature

"Operating Temperature (F)"	PVC
100	150
110	135
120	110
130	75
140	50
150	N.R.

N.R. - Not recommended

Knob Position	GPM @ Constant 50 PSI
8	.85
7	1.41
6	1.79
5	2.15
4	2.42
3	3.15
2	4.40
1	4.50