

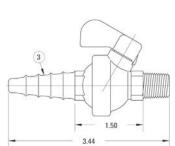
PVC Chemcock™ and Calibrated Needle Lab Valves

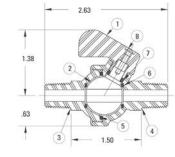


Chemtrol Figure No.	
A45CC-V	1/4" Hose x 1/4" MPT
M45CC-V	1/4" MPT x 1/4" MPT

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	PVC
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



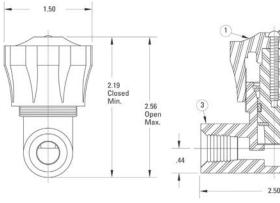
Chemtrol Figure No.

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

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



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