# SERIES CC CORROSION RESISTANT PVC CALIBRATION COLUMNS

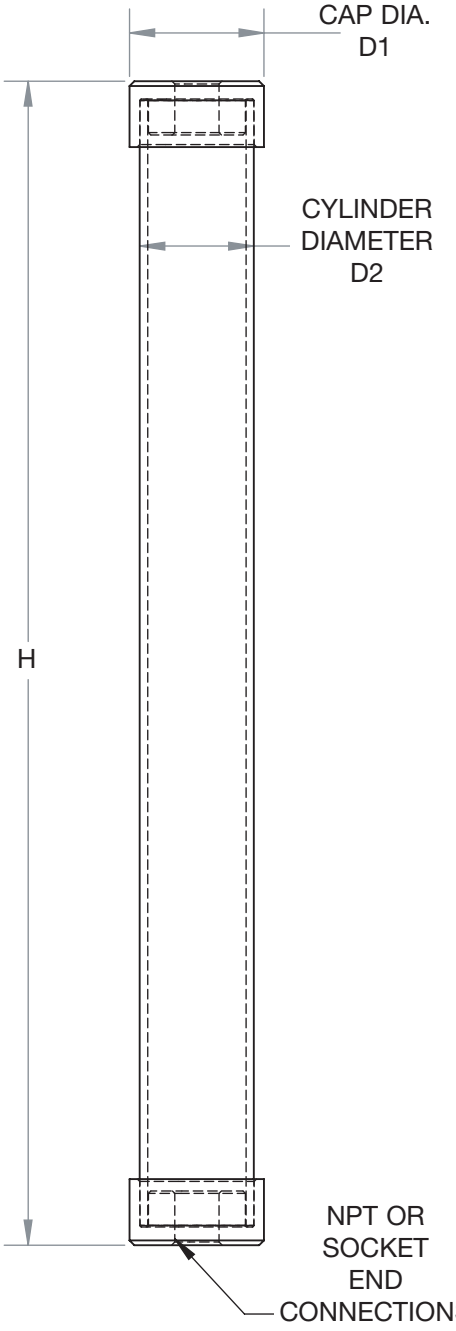

**Plast-O-Matic thermoplastic calibration columns are a quick and convenient way to measure or verify pump flow rates, chemical dosing, or chemical feed systems with higher accuracy than competitive models. Designed for precise, efficient testing with a variety of installation options.**

## ADVANTAGES:

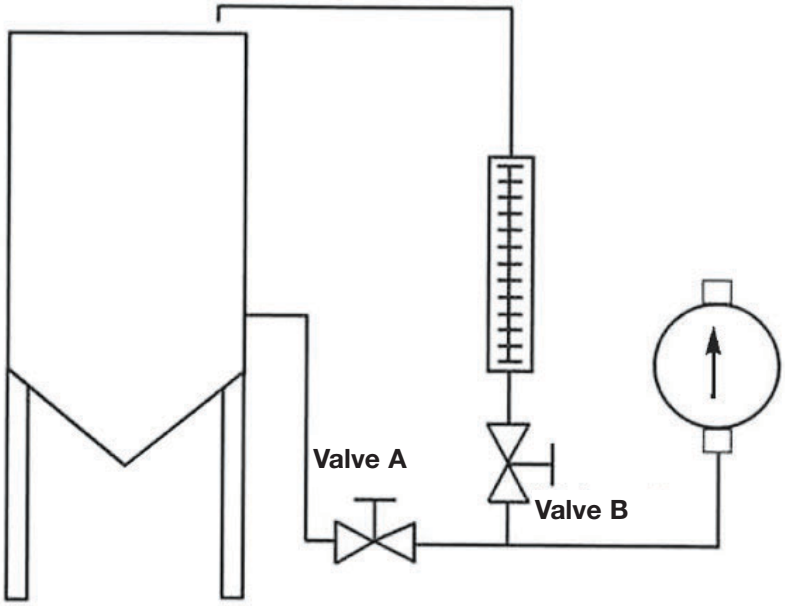
- All PVC Construction for wide range of liquids -- no metal or elastomer components
- Pressure rated to 75 PSI
- Sixty second test period provides superior accuracy to shorter test periods
- Direct readings in GPH and mL/minute
- Wide range of cylinder volumes available -- 100 mL to 4000 mL
- Highly visible/high contrast graduations
- Graduations have clear mylar overlay for added protection in harsh chemical environments; label resists shrinkage and temperature damage
- NPT threaded connections standard; BSP threads, sockets, flanges, union ends and other connections available
- Options include welded isolation ball valve on one or both ends and loose fit slip removable top cap for convenient cleaning



1384 Pompton Avenue, Cedar Grove, NJ 07009 USA (973) 256-3000 • Fax (973) 256-4745 • www.plastomatic.com




## RECOMMENDED INSTALLATION




Install the calibration column on the inlet side of the pump to be checked. The calibration column must be mounted in a vertical position and must be below the level of the liquid in the tank so that it will fill when valves A & B are opened.

Two ball valves of the same size and type must be installed in the system locations shown in the diagram. Ball valves are recommended because they offer a minimum resistance to flow and they can be opened and closed quickly.

An overflow or return line connection must be installed from the top of the calibration column back to the supply tank. The calibration column must be vented to the atmosphere when in use.

A support hangar or bracket may be necessary for stability.

## DIMENSIONS & PART NUMBERS

| MODEL | FLOW CAPACITY | PIPE SIZE | | H | | D1 | | D2 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | INCH | MM | INCH | MM | INCH | MM | INCH | MM | GRADUATIONS |
| CC100-PV | 100 mL /min/1.8 GPH | 1/2 | 20 | 13.8 | 350 | 1.73 | 44 | 1.32 | 34 | 2 mL / 0.05 GPH |
| CC250-PV | 250 mL /min/4 GPH | 1/2 | 20 | 16 | 406 | 2.08 | 53 | 1.66 | 42 | 5 mL / 0.1 GPH |
| CC500-PV | 500 mL /min/8 GPH | 3/4 | 25 | 14.8 | 375 | 2.8 | 71 | 2.38 | 60 | 10 mL / 0.1 GPH |
| CC1000-PV | 1000 mL /min/16 GPH | 3/4 | 25 | 24.25 | 616 | 2.8 | 71 | 2.38 | 60 | 10 mL / 0.1 GPH |
| CC2000-PV | 2000 mL /min/32 GPH | 1" | 32 | 22.38 | 569 | 3.94 | 100 | 3.5" | 89 | 20 mL / 0.2 GPH |
| CC4000-PV | 4000 mL /min/ 64 GPH | 1" | 32 | 30.85 | 784 | 4.47 | 114 | 4" | 102 | 20 mL / 0.2 GPH |



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