

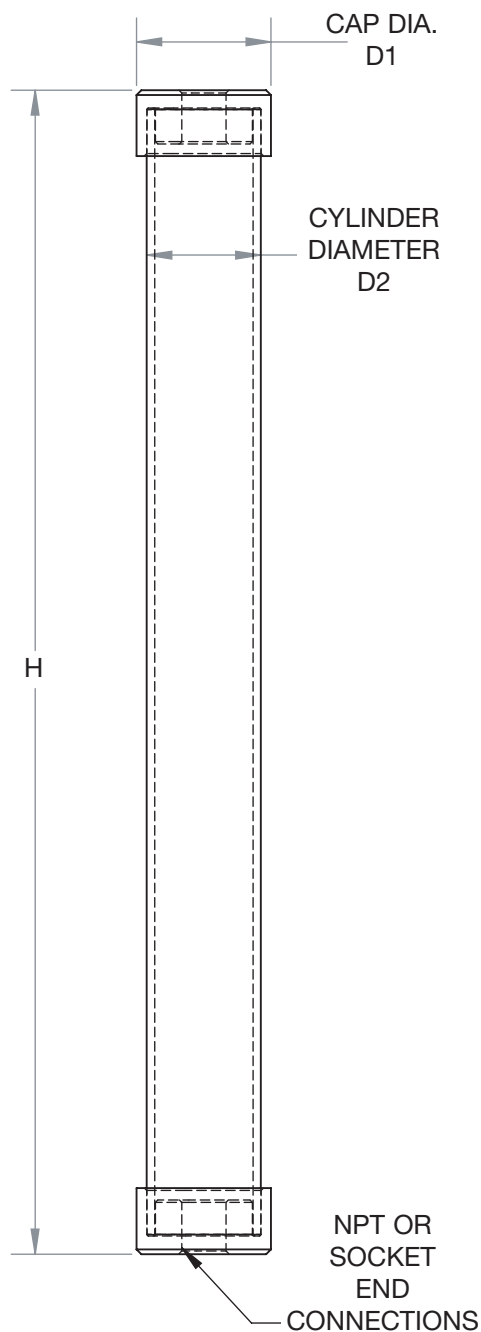
SERIES CC CORROSION AND UV RESISTANT PVC CALIBRATION COLUMNS



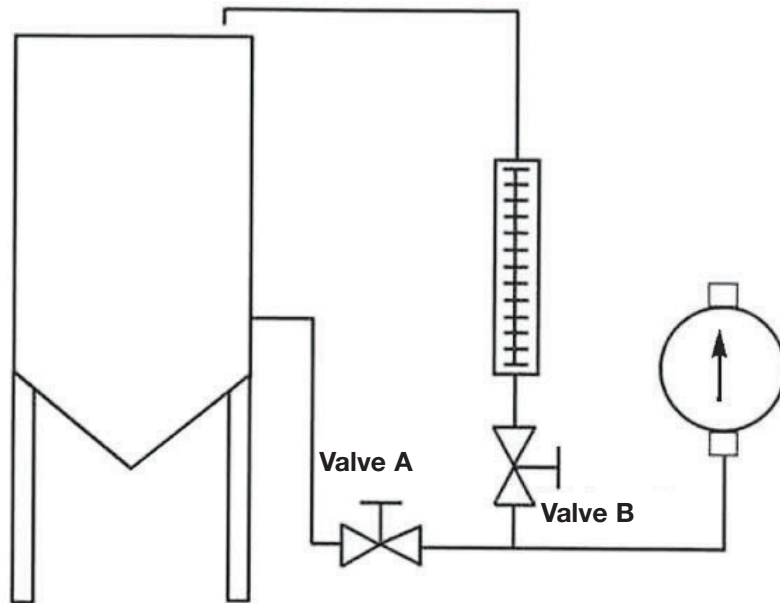
Plast-O-Matic thermoplastic calibration columns are a quick and convenient way to measure or verify pump flow rates, chemical dosing, or chemical feed systems with higher accuracy than competitive models. Designed for precise, efficient testing with a variety of installation options.

ADVANTAGES:

- UV Resistant 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



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 hanger or bracket may be necessary for stability.

DIMENSIONS & PART NUMBERS

MODEL	FLOW CAPACITY	PIPE SIZE		H		D1		D2		GRADUATIONS
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	
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