

## SERIES CC CORROSION AND UV RESISTANT PVC CALIBRATION COLUMNS

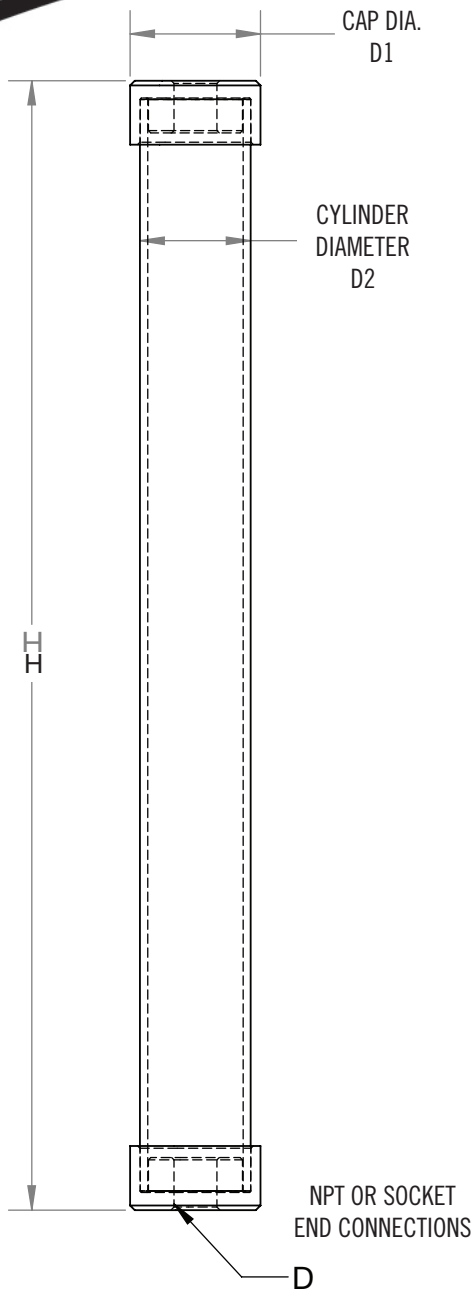


Plast-O-Matic thermoplastic calibration columns are a quick and convenient way to measure or verify pump flow rates, chemical dosing, or chemical feed systems with higher accuracy than competitive models. Designed for precise, efficient testing with a variety of installation options.

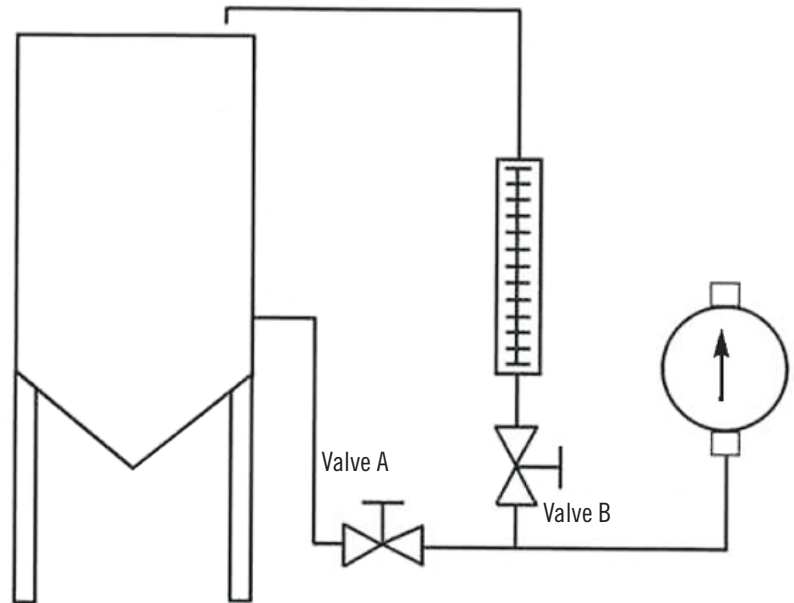
- UV Resistant PVC Construction for wide range of liquids - no metal components.
- Options include welded isolation ball valve on one or both ends and loose fit slip removable top cap for convenient cleaning.
- Sixty second test period provides superior accuracy to shorter test periods.
- Direct readings in GPH and mL/minute
- Wide range of cylinder volumes available - 100 mL to 10000 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.
- Models with permanent end caps rated to 75 PSI, except 10000 mL rated to 40 PSI. Models with removable end cap are not rated for pressure (0 PSI).

CC-0121-C-1





### 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.**

**MODEL NUMBER NOTES:** Removable cap model numbers shown with EPDM seals. For FKM seals, change "EP to "V", for example CC100V-PV. Standard welded models do not use elastomers. For isolation ball valve option, consult factory.

**UV RESISTANCE NOTES:** Cylinder and end connectors (NPT, socket, BSP, metric etc.) are UV resistant PVC. Options such as flanges, unions, ball valves, etc. are Grade 1 Type 1 PVC and should be painted or covered if UV exposure is a concern.

### DIMENSIONS & MODEL NUMBERS

STANDARD MODEL	REMOVABLE END CAP MODEL	FLOW CAPACITY	PIPE SIZE		H		D1		D2		GRADUATIONS
			INCH	MM	INCH	MM	INCH	MM	INCH	MM	
CC100-PV	CC100EP-PV-RE	100mL/min/1.8 GPH	1/2	20	13.8	350	173	44	1.32	34	2 mL/0.05 GPH
CC250-PV	CC250EP-PV-RE	250 mL/min/4 GPH	1/2	20	16	406	2.08	53	1.66	42	5 mL/0.1 GPH
CC500-PV	CC500EP-PV-RE	500 mL/min/8 GPH	3.4	35	14.6	375	2.8	71	2.38	60	10 mL/0.1 GPH
CC1000-PV	CC1000EP-PV-RE	1000 mL/min/16 GPH	3.4	25	24.25	616	2.8	71	2.38	60	10 mL/0.1 GPH
CC2000-PV	CC2000EP-PV-RE	2000 mL/min/32 GPH	1"	32	22.38	569	3.94	100	3.5"	89	20 mL/0.2 GPH
CC4000-PV	CC4000EP-PV-RE	4000 mL/min/64 GPH	1"	32	30.05	764	4.47	114	4"	102	20 mL/0.2 GPH
CC10000-PV	CC10000EP-PV-RE	10000mL/min/160 GPH	2"	63	27.13	690	6.97	177	6.63	169	50 mL/1.0 GPH

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