

SERIES CC CORROSION AND UV RESISTANT PVC CALIBRATION COLUMNS

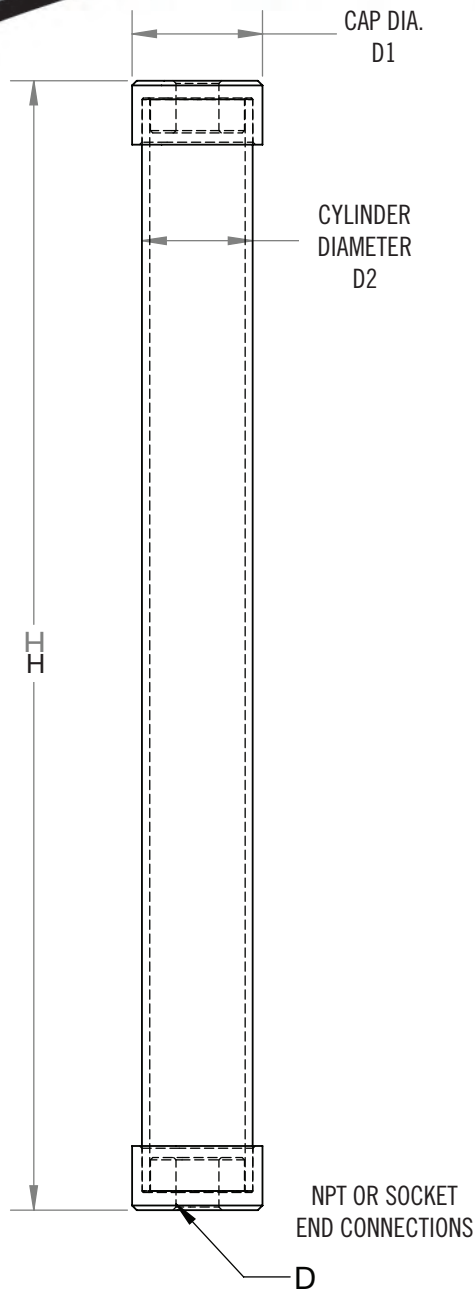


Plast-O-Matic thermoplastic calibration columns are a quick and convenient way to measure or verify pump flow rates, chemical dosing, or chemical feed systems with higher accuracy than competitive models. Designed for precise, efficient testing with a variety of installation options.

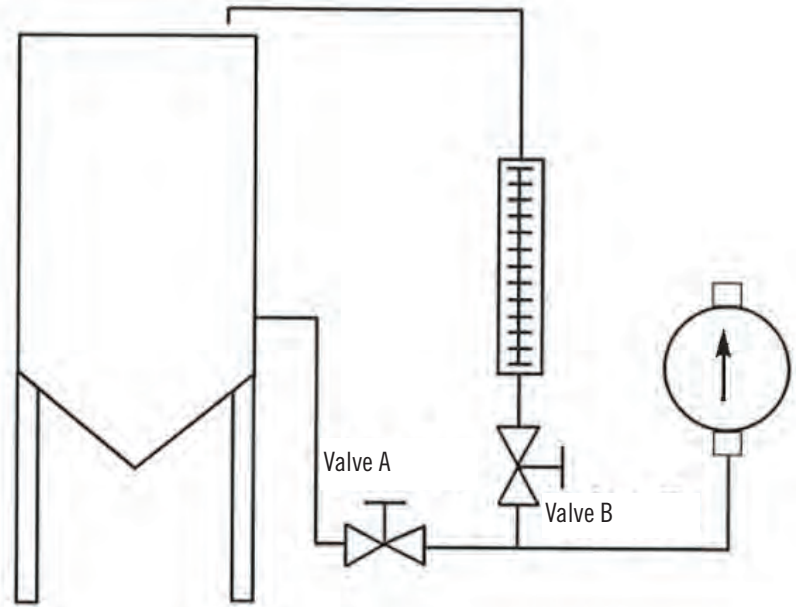
- UV Resistant PVC Construction for wide range of liquids - no metal components.
- Options include welded isolation ball valve on one or both ends and loose fit slip removable top cap for convenient cleaning.
- Sixty second test period provides superior accuracy to shorter test periods.
- Direct readings 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-1122-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	STANDARD MODEL FLANGE CONNECTIONS	FLOW CAPACITY	PIPE SIZE		H		D1		D2		GRADUATIONS
				INCH	MM	INCH	MM	INCH	MM	INCH	MM	
CC100-PV	CC100EP-PV-RE	CC100FL-PV	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	CC250FL-PV	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	CC500FL-PV	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	CC1000FL-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	CC2000EP-PV-RE	CC2000FL-PV	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	CC4000FL-PV	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	CC10000FL-PV	10000mL/min/160 GPH	2"	63	27.13	690	6.97	177	6.63	169	50 mL/1.0 GPH

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