



FOAM CONCENTRATE CONTROL VALVE

TECHNICAL DATA

MODEL	CV
SIZE	40NB, 50NB, & 65NB
RATED PRESSURE	14 Kg./sq.cm. (200 PSI)
END CONNECTION	Flanged end to ANSI B 16.5 Class 150#
PRESSURE SENSING HOSE	Teflon tube with Stainless Steel braided cover
TRIM CONNECTION	Brass / Stainless Steel
FACTORY HYDROTESTED	25 Kg./sq.cm. (365 PSI)
FINISH	Epoxy red painted
ORDERING INFORMATION	Specify Model, Size of valve



APPLICATION

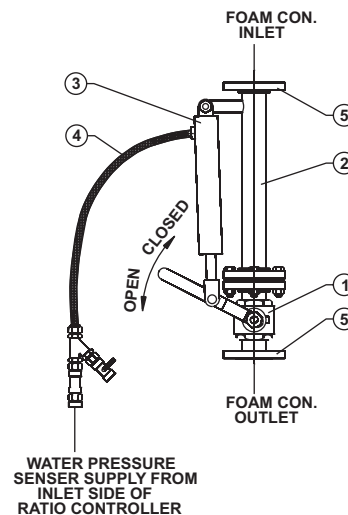
Foam concentrate control valve is designed for use in bladder tank foam system or inline balance pressure proportioning system. The valve opens automatically when water supply is established through the inlet pipe of ratio controller of bladder tank or in the inline balance pressure proportioning system. The valve opens at minimum of 3 Kg. (42.8 psi) water pressure. No electric power is required to operate the valve.

SPECIFICATION

The foam concentrate control valve utilizes water as the medium to open the valve. A manual override facility is provided to open the valve. In normal condition the valve remain in closed position. When, a minimum water pressure of 3 Kg./sq.cm. (42.8 psi) is established the valve opens and closing of the valve is manual.

INSPECTION AND MAINTENANCE

A qualified and trained person must commission the system. After few initial successful tests, an authorised person must be trained to perform the inspection and testing of the system at least once in a week. The inspection should verify that all the control valves are in their proper position as per the system requirement and no damage has taken place to any component. The foam concentrate control valve / system must be operated at least once in six weeks. The total system should be fully tested at least once in a year as per NFPA / TAC manual or in accordance to the guidelines of the organisation having local jurisdiction.



SR NO.	DESCRIPTION	MATERIAL SPECIFICATION
1	Valve	Stainless Steel
2	Pipe	Stainless Steel
3	Cylinder	Stainless Steel
4	Hose	Stainless Steel
5	Flange	Stainless Steel

SELECTION OF FOAM CONCENTRATE CONTROL VALVE

FG Proportioner Size	Foam Concentrate Control Valve Size
80 NB	40NB
100 NB	40NB
150 NB	50NB
200 NB	65NB



TYPICAL INSTALLATION OF FOAM CONCENTRATE CONTROL VALVE

