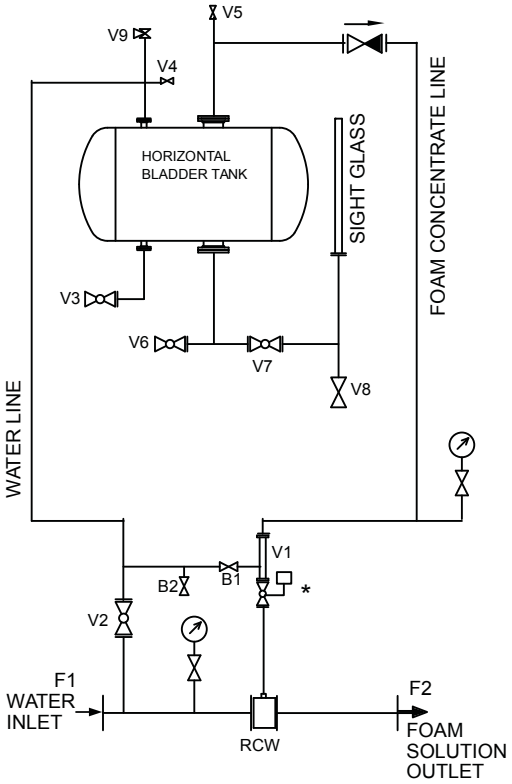
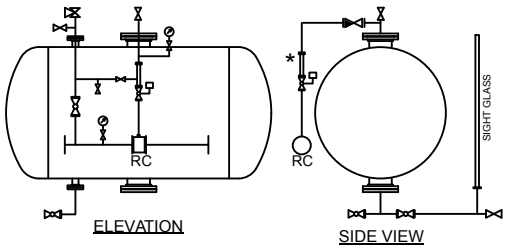
HORIZONTAL BLADDER TANK WITH SINGLE RATIO CONTROLLER WITH UL OR FM APPROVAL

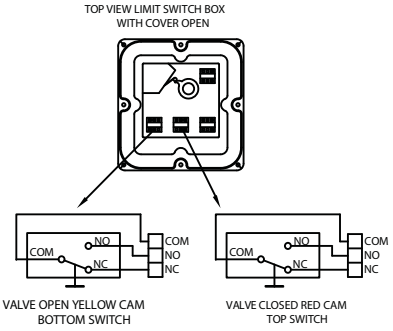
P. & I. DIAGRAM



SCHEMATIC DIAGRAM



ELECTRICAL CONNECTION DIAGRAM



SYMBOLS & ABBREVIATION

- NON RETURN VALVE
- VALVE
- BALL VALVE
- THERMAL RELIEF VALVE
- RATIO CONTROLLER
- PRESSURE GAUGE
- AUTO. VALVE WITH LIMIT SWITCHES (ONLY WITH FM APPROVED TANK)

VALVE No.	DESCRIPTION	NORMAL POSITION	
		MANUAL SYSTEM	AUTO. SYSTEM
V1	AUTO. FOAM CONCENTRATE VALVE with LIMIT SWITCH *	---	CLOSED
V2	WATER PRESSURE SHUT OFF VALVE	OPEN	OPEN
V3	TANK WATER DRAIN VALVE	CLOSED	CLOSED
V4	TANK WATER VENT VALVE	CLOSED	CLOSED
V5	CONCENTRATE VENT	CLOSED	CLOSED
V6	CONCENTRATE FILL / DRAIN VALVE	CLOSED	CLOSED
V7	SIGHT GLASS FILL VALVE	CLOSED	CLOSED
V8	SIGHT GLASS DRAIN VALVE	CLOSED	CLOSED
B1	MANUAL OVER RIDE VALVE	---	OPEN
B2	RESETING VALVE	---	CLOSED

*** V1 is standard supply with FM Approval and not supplied with UL Listed as UL do not allow Concentrate control valve.**