



World Class Components

# Foamate™ HP Operating and Installing

**INSTALLATION INSTRUCTIONS:** *Panel Mounting is designed for maximum panel thickness of 0.25".*

## Metering Valve Installation

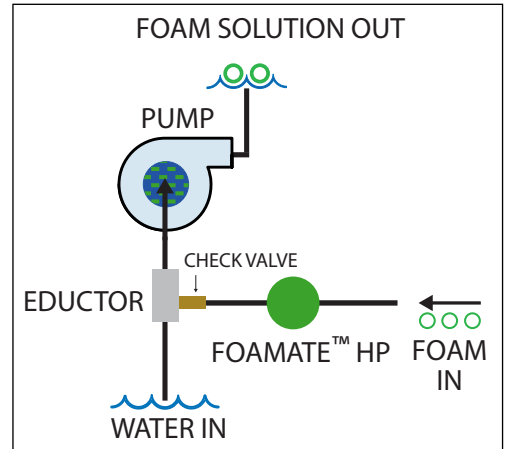


- Remove knob by removing nut from center of knob.
- Remove 3 button head screws to remove foam percentage plate noting position of plate for use during reassembly.
- Use mounting hole pattern to drill pump panel.
- Place metering valve housing through back of panel and reassemble in reverse order of disassemble. Apply blue Loctite to foam percentage plate set screw.
- Align the knob to 0% position and apply coin label using adhesive backing.

## Plumbing Connections

- Install eductor assembly by threading 1" MNPT fitting into pump inlet. Position the eductor to ensure appropriate space for check valve.
- Install Trident provided check valve into 3/8" eductor port.
- Plumb foam inlet supply line from foam tank to top 3/8" NPT metering valve inlet using minimum 1/2" tubing. NPT fitting(s) and tubing supplied by installer.
- Plumb foam outlet supply line from metering valve rear 3/8" NPT port to 3/8" NPT eductor check valve using minimum 1/2" tubing. NPT fitting(s) and tubing supplied by installer.
- Plumb water supply line from water tank to 1.25" FNPT port of eductor assembly using minimum 1.5" hose. Supply hose and fittings provided by installer.

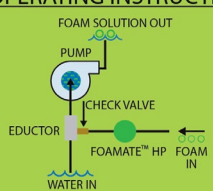
### PLUMBING SCHEMATIC



## OPERATING INSTRUCTIONS:

- Engage the water pump.
- Select desired foam percentage using chrome knob on Foamate™ HP metering valve.
- Operate pump at flow rate of 20 GPM to accurately proportion foam solution.
- When pumping operation is complete, rotate chrome knob to 0% (OFF) and flow water to flush pump and plumbing.

**OPERATING INSTRUCTIONS**



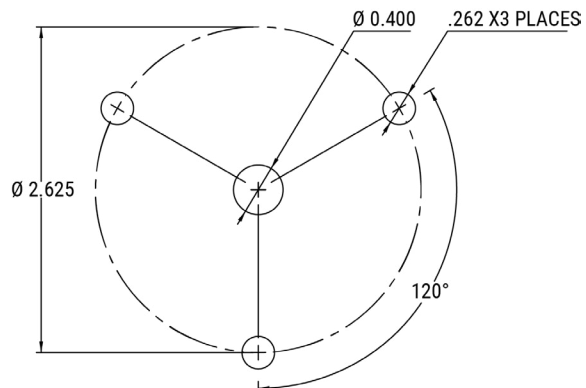
1. SET FOAM PERCENTAGE TO REQUIRED LEVEL
2. WHEN FINISHED SET TO 0% AND FLOW WATER TO FLUSH PUMP

- USE CLASS A FOAM
- SYSTEM CALIBRATED FOR 20GPM WATER FLOW

**FOAMATE™ HP**

Use only foam concentrates that are compatible with this foam proportioning system. Refer to operator's manual.

### METERING VALVE CUT-OUT DIMENSIONS



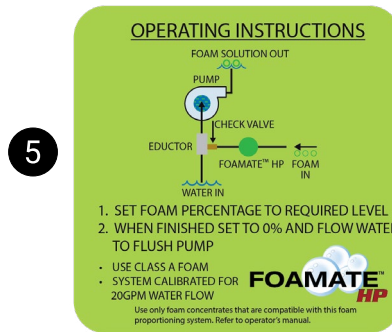
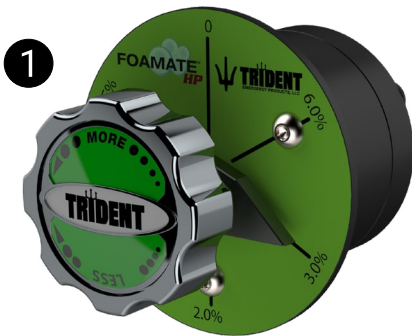


World Class Components

# Foamate™ HP Operating and Installing

## MODEL NUMBER AND PARTS LISTING

31.032.0 Foamate HP, 20 GPM Kit			
REF #	PART NUMBER	DESCRIPTION	QTY.
1	30.116.0	METERING VALVE, FOAMATE HP, 20 GPM	1
2	31.031.0	EDUCTOR ASSY, 20 GPM FOAMATE	1
3	30.117.0	CHECK VALVE, 3/8" NPT, IN-LINE	1
4	02.006.3	PLACARD, OP INST, FOR LABEL	1
5	02.060.4	LABEL, FOAMATE HP, INSTRUCTION	1
6	04.084.0	SCREW, 1/4-20x3/4 FLAT HD, SST	2
7	04.010.0	NUT, 1/4-20 HEX SST LOCK	2
8	02.057.1	TAG, 2 INCH COIN, WITH FOAMATE HP LABELS	1



### PLACARD CUT-OUT DIMENSIONS

