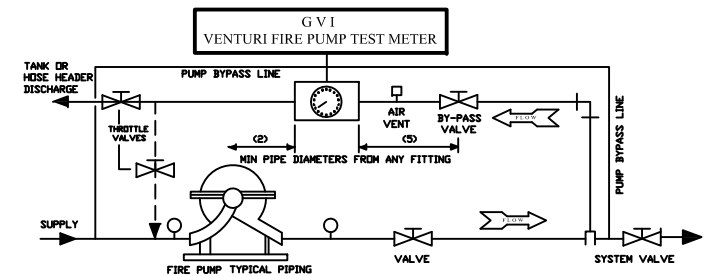




# GVI 8" FLANGED 300#

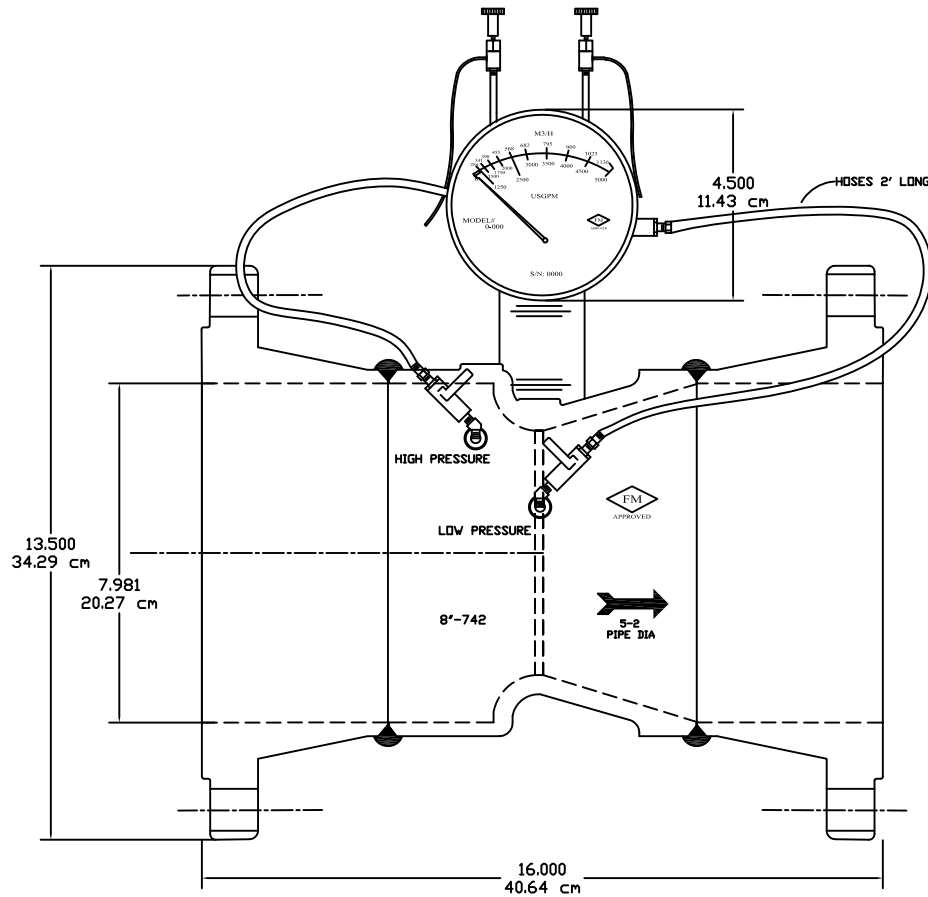
GA DRAWING / SUBMITTAL DATA

## TYPICAL INSTALLATION



## OPERATING INSTRUCTIONS

1. CLOSE SYSTEM VALVE.
2. OPEN SYSTEM BY-PASS VALVE AND THROTTLE VALVE.
3. PURGE METER LOCATED ON VENTURI AS FOLLOWS:
  - OPEN SHUT-OFF VALVES & VENT VALVES.
  - WHEN A STEADY STREAM OF WATER IS PASSING THROUGH EACH PLASTIC HOSE, THE METER IS PURGED OF AIR.
  - CLOSE VENT VALVE AFTER PURGING.
4. START FIRE PUMP, READ METER IN GPM / LPM / M3H
5. REFER TO PUMP GPM / LPM / M3H REQUIREMENT AND ADJUST THROTTLE VALVE FOR THIS REQUIREMENT.
6. AFTER TEST OPEN SYSTEM VALVE AND CLOSE SYSTEM BY-PASS AND THROTTLE VALVES.



### STANDARD VENTURI DATA

**MATERIALS:** MACHINED 1026 CARBON STEEL  
ASTM A-106 - B/C HRS

**FLANGES:** 300# WELD NECK STANDARD BORE

**VALVES:** 1/4" BRASS BALL  
Rated @ 600 WOG  
Body: ASTM-B584  
Tail Piece: ASTM B16 C36600  
Ball: ASTM B16 C36600  
(HARD CHROME PLATED)

**BRASS FITTING:** ASTM B16 C36600  
Meets functional requirements of the  
SAE J530, SAE J531 and ASA.

**ID TAG:** Laser Engraved Aluminum

**HOSES:** Rubber Hoses Rate at 750 PSI WP

### STANDARD GAUGE DATA

**CONSTRUCTION:** ALUMINUM BODY ASTM B211-03  
**OPERATION:** DIAPHRAGM (BUNA CONVULATED)  
**TEMPERATURE:** 180°F / 80°C  
**PRESSURE:** 500 PSIG - 3450 KPA  
**APPROX. WEIGHT:** 3.75 LBS (1.7 KGS)  
**DISPLAY:** USGPM / LPM or USGPM / M3H

4" DIAL STANDARD - 6" DIAL AVAILABLE



**OPTION:**  
DIGITAL GAUGE W/  
4-20ma TRANSMITTER

VENTURI PATENT #D764,630 S

CERTIFIED BY CHARLES P. SUTTON - PRESIDENT

**GLOBAL VISION INC.**

8730 JEFFERSON HWY  
OSSEO, MINNESOTA 55369  
763 - 391 - 0990

**FIRE PUMP ASSEMBLY**  
**8" - 742 FLANGED 300#**

DATE:	09/13/18
SCALE:	NTS
DWG #	GVIFP-8-F3
	FLANGED