

# VOLU-probe / 1P – MANUAL PURGE SEQUENCE OF OPERATIONS

**STANDARD CONSTRUCTION**

- V-1A.** Manually Operated 3-Way Valve, Static (low) Pressure
- V-1B.** Manually Operated 3-Way Valve, Total (high) Pressure
- HV-1.** Supply Air Shut Off Valve
- PI-1.** Gauge, Supply Air Pressure, 0-160 psig
- PRV-1.** Pressure Regulating Valve
- FT-1.** Flow Transmitter

**SEQUENCE OF OPERATIONS**

**Normal/Starting Condition**

HV-1 closed, PRV-1 set to 50 psig, V-1A & V-1B are in the NO position so the VOLU-probe/1P is connected to FT-1.

**Manual Purge Procedure**

1. Shift V-1A & V-1B into the NC position to isolate FT-1.
2. Shift HV-1 to the open position to connect 50 psig compressed air to the VOLU-probe/1P. Purge for 30 seconds.
3. Move HV-1 to the closed position.
4. When PI-1 reads 0 psig, shift V-1A and V-1B into the NO position to reconnect the VOLU-probe/1P to FT-1 and resume normal airflow measurement.

**SCHEMATIC**

