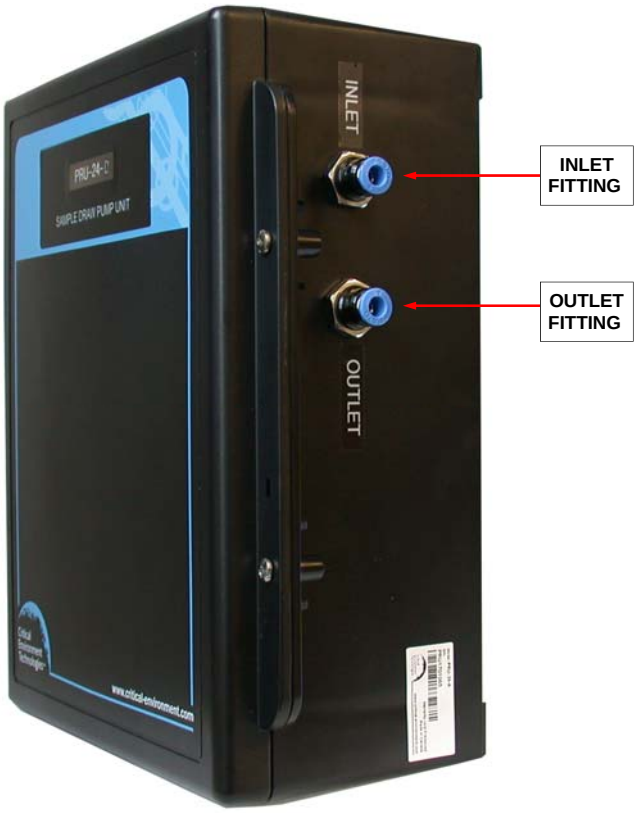
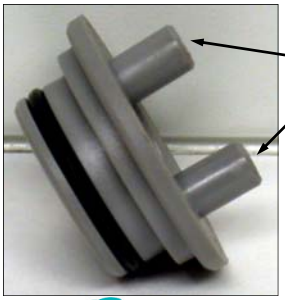
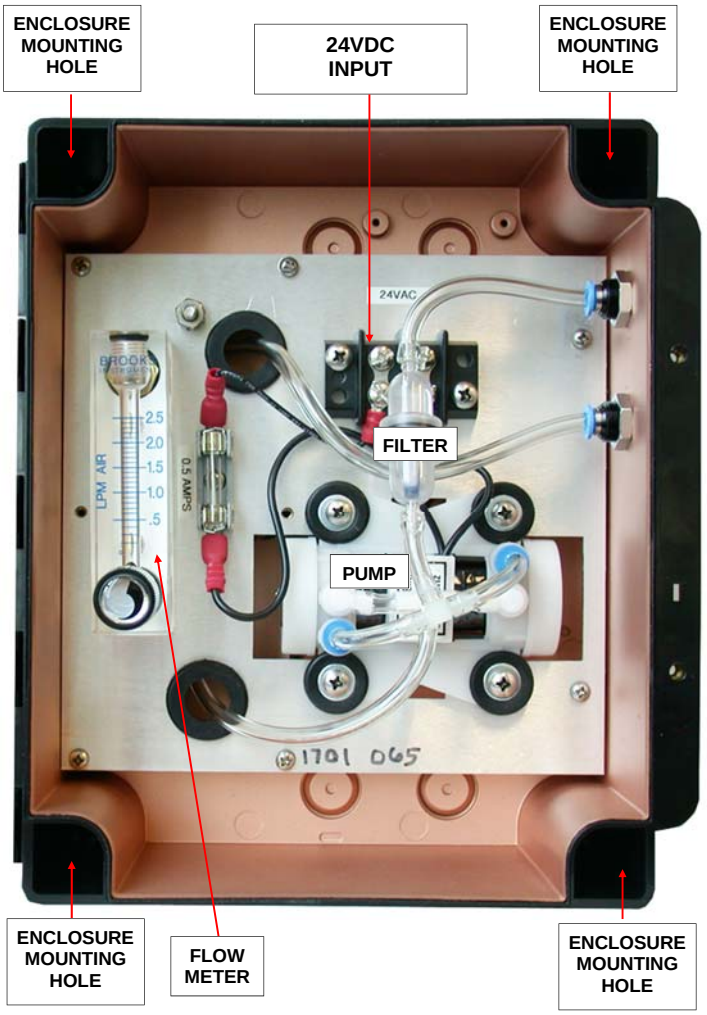
INSTALLING AND SETTING UP THE PRU-24-D SAMPLE DRAW PUMP UNIT

1. **THE PRU-24-D PUMP ENCLOSURE SHOULD BE SECURELY INSTALLED AGAINST A FLAT SURFACE TO MINIMIZE POTENTIAL VIBRATION FROM THE PUMP. INSTALL USING THE FOUR MOUNTING HOLES AS INDICATED BELOW.**
2. **AFTER INSTALLATION, CONNECT THE SAMPLE HOSE TO THE INLET AND OUTLET FITTINGS ON THE SIDE OF THE PUMP ENCLOSURE. THE *INLET* IS THE AIR SAMPLE FROM THE AREA TO BE MONITORED. THE *OUTLET* SAMPLE HOSE THAT CONNECTS TO THE SENSOR WHICH MONITORS THE AIR SAMPLE FOR THE TARGET GAS.**
3. **IF USING A CETCI TRANSMITTER (GAS DETECTOR), GENTLY PUSH THE FLOW ADAPTER (GRAY COLOURED PLUG WITH TWO PORTS) INTO THE SENSOR OPENING ON THE FRONT OF THE TRANSMITTER ENCLOSURE. ATTACH THE SAMPLE HOSE FROM THE PRU-24-D PUMP UNIT OUTLET FITTING TO ONE OF THE PORTS OF THE FLOW ADAPTER. THIS COMPLETES THE FLOW THROUGH TO THE SENSOR OF THE SAMPLED AIR.**
4. **THE PUMP INLET PARTICULATE/CONDENSATION FILTER SHOULD BE CHECK ONCE IN A WHILE TO ENSURE IT IS NOT STARTING TO PLUG UP. A CLOGGED FILTER WILL PUT AN UNECESSARY LOAD ON THE PUMP AND COULD DAMAGE IT.**
5. **CONNECT APROPRIATE POWER TO THE TERMINAL STRIP & GROUND STUD INSIDE THE PUMP UNIT. THIS DEVICE IS DESIGNED TO IP54 STANDARDS, USE PROPER WATER TIGHT CABLE CONNECTORS FOR ANY WIRING HOLES DRILLED IN ENCLOSURE TO MAINTAIN WATER/DUST TIGHT STANDARD.**
6. **ADJUST THE FLOW METER TO APPROXIMATELY 2.12 SCFH = APPROXIMATELY 1.0 LPM FLOW TO SENSOR.**







ELECTRICAL SPECIFICATIONS:
5 WATTS POWER +/- 10%, CURRENT DRAW 0.37 AMPS @ 24V

August 1, 2017