



**JATCO, INC.**  
ENVIRONMENTAL  
PROTECTION  
EQUIPMENT

**Installation Instructions**  
**JATCO Environmental Protection Tank**  
**Model J-7000 SM-P**

The JATCO Environmental Tank must be installed at a level which will allow the waste liquids to be disposed of to gravity flow into the tank.

**IMPORTANT: The top of the tank must be below the level of waste liquids to be received.**

Inlet and the outlet check valves are both teed from the same port near the bottom of the tank (end opposite the sight glass). When facing this end the **inlet check valve** is on the right (**A**) and the **outlet check valve** is on the left (**B**).

The discharge should be piped directly to the storage tank that is to receive the waste liquid. The discharge may be teed into an existing flow line, provided that a check valve is installed to prevent high pressure from returning to the discharge check valve on the JATCO tank.

Supply gas pressure is connected to the inlet of the level control valve (**C**) this **gas pressure must meet 70 PSI and not exceed 75 PSI. A separate supply gas pressure** is connected to the 3-way ball valve (**K**) this **gas pressure must not exceed 100 PSI** for normal operation. No pressure regulator is provided as most applications for this device have pre-regulated gas pressure supplied.

Depressing the manual dump plunger (**F**) allows the operator to check function of the float control valve actuator. When the plunger is depressed, the tank will cycle once and return to the automatic operation when the plunger released. The plunger button should be returned to the extended position.

Listed below are a series of steps to follow if the JATCO tank fails to dump properly.

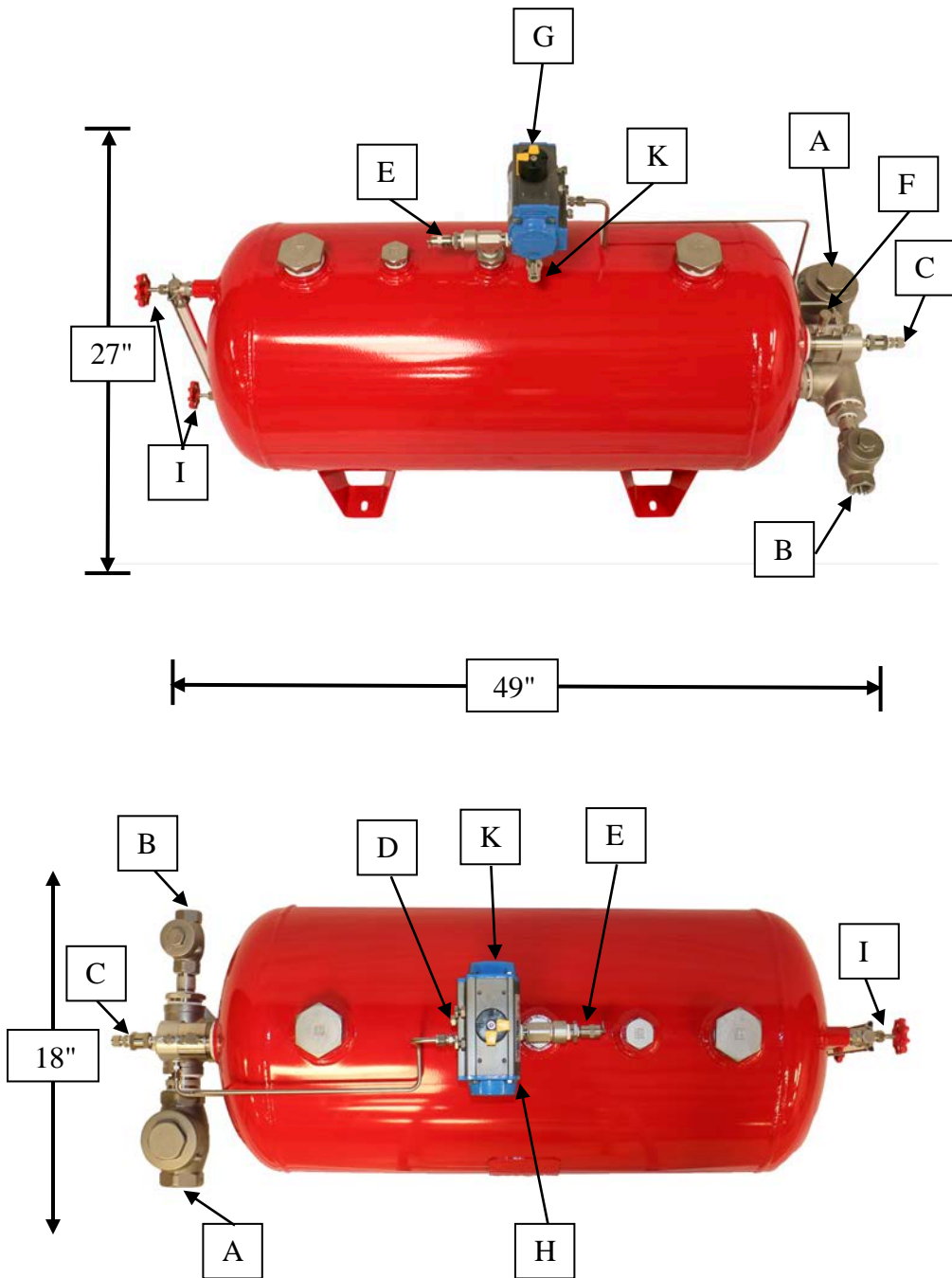
Be sure there is an adequate supply of gas pressure (**70-75 psi**), to the inlet connection at the level control valve. If there is enough pressure at the inlet connection, press down manual dump plunger (**F**) to empty tank, then vent when the cycle is complete. If the JATCO tank fails to dump manually, remove connector tubing to actuator (**G**) to test for pilot pressure from level control valve (**A**). If level control valve is not sending pressure to the actuator (**G**) when depressing manual dump plunger (**F**), removal and or inspection of level control valve will be necessary. If pressure is present but actuator fails to operate, remove inspect and or replacement may be necessary.



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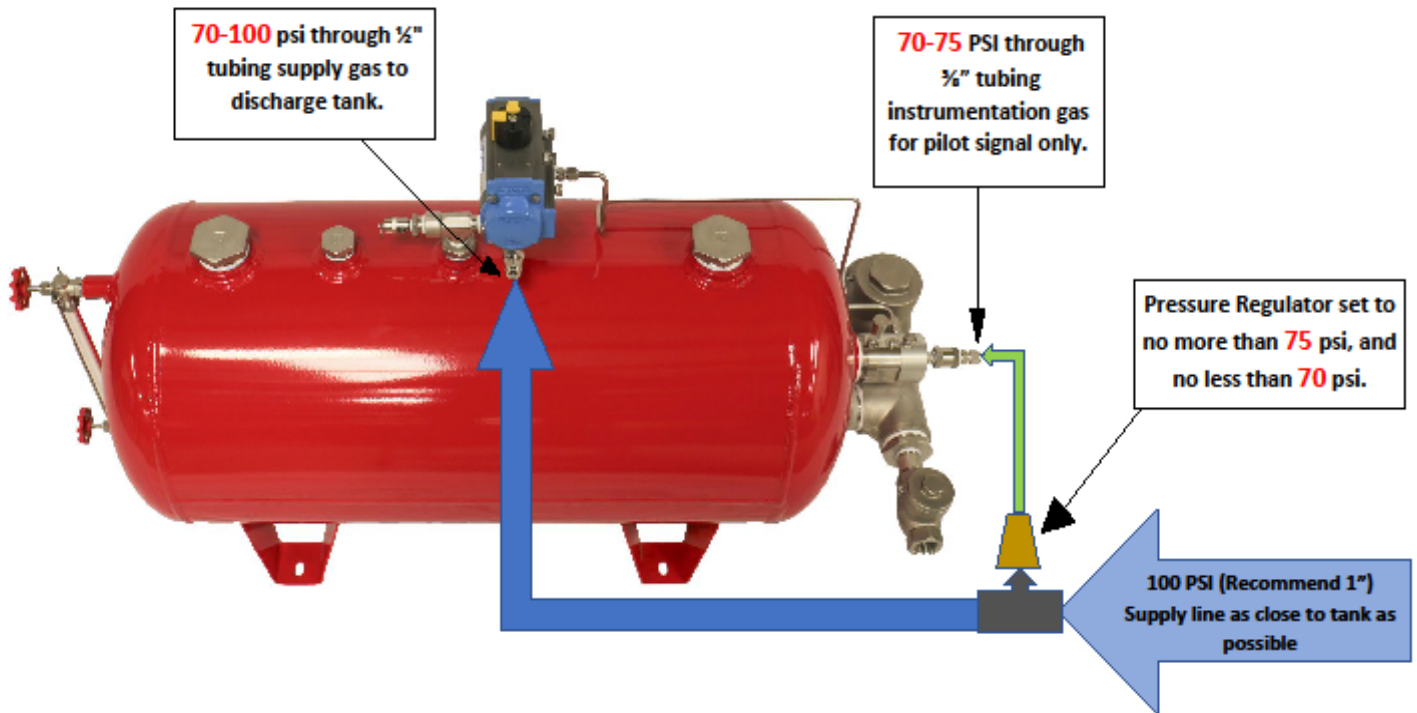


- A. Inlet Check Valve 2" NPT
- B. Discharge Check Valve 1" NPT
- C. Supply Gas Inlet  $\frac{3}{8}$ " NPT" Compression
- D.  $\frac{1}{8}$ " NPT Vent Breather
- E. Pressure Relief Valve
- F. Manual Dump Plunger Assembly
- G. 3-Way Actuated Ball Valve
- H. Vessel Vent  $\frac{1}{2}$ " NPT
- I. Gauge Cocks & Sight Glass



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# WARRANTY

JATCO, Inc. warrants its products to be free from defects in materials and workmanship, under normal use and service, for a period of one year from the date of shipment. The sole liability and exclusive remedy is limited to the repair or replacement, at the option of JATCO, Inc., of the product, or any parts thereof, which upon examination by JATCO, Inc., disclose to its satisfaction defects due to faulty material or poor workmanship, and which defects are reported to JATCO, Inc., in writing, during the warranty period.

The warranty provision contained herein shall not apply to or cover any defects resulting from normal wear and tear, unauthorized changes, repairs, alterations or modifications to the product: or any other causes beyond the control of JATCO, Inc.

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This operating manual is not intended as an installation guide for the product. This product is intended to be installed by an installation specialist. For a list of such installation specialists please contact JATCO, Inc. In the event the product is not installed by an installation specialist, the warranty provided in the “Warranty” section of this manual shall not apply to any defects, damage, or other failure of the product to properly function due to improper installation, and JATCO shall have no liability whatsoever for any loss, damage, injury, cost, or expense of any nature arising out of an installation of the product by anyone other than an installation specialist.

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