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MANUFACTURING: Mixers, Bypass Feeders, Filter Feeders, Bromine Feeders, Sample Coolers, Sludge Traps, Separators, Separator Systems, Tank Stands,
Tank Package Systems, Glycol Feed Systems, Coupon Racks, Control Stations, NEMA Enclosures, Custom Packaged Systems and Specialty Welding

Instruction Sheet #0324 Rev. "F" (3/02)

ASME BYPASS FEEDER INSTRUCTION SHEET

The Wingert ASME Bypass Feeder is a reliable and economical source to introduce chemical into your process stream. Feeders are available in one model that come in 2 and 5 gallon standard sizes. Custom configurations are also available.

HP-[]-ASME: Dome bottom ASME feeders come with fill, outlet, drain, and inlet fittings, plus it has (3) mounting legs for field stability.

UNPACKING:

Your Wingert ASME Bypass Feeder is packaged in a double wall full overlap carton with staples to insure proper handling. Remove staples and open carton. Inspect goods for any damages.

Carton contents should include:

- 1) ASME feeder - Qty. 1
- 2) 3/4" x 3/4" x 3/4" NPT threaded tee and nipple (inlet & drain) - Qty. 1
- 3) 1" x 1" x 3/4" NPT threaded tee and nipple (discharge & fill) - Qty. 1

NOTE: If damages have occurred from shipment or product contents are missing, please contact the factory immediately.

INSTALLATION:

Shown in *FIGURE 1* is the standard port configuration for the Wingert ASME Bypass Feeder. Your feeder must be mounted in an upright position. Below are two of the most common installations:

Method 1: Installation of the bypass feeder across a balancing valve

- A) Install the feeder inlet before the main line balancing valve.
- B) Install the feeder outlet after the mainline balancing valve.
- C) Close valves C & D and open valves A & B. You can now throttle the main line balancing valve to create the needed dispersion rate.

Method 2: Installation of the bypass feeder across the recirculation pump

- A) Install the feeder inlet after the discharge of the recirculation pump.
- B) Install the feeder outlet before the suction of the recirculation pump.
- C) Close valves C & D and open valve A. You can now throttle valve B to create the needed dispersion rate.

NOTE: Consult factory for plumbing diagrams on other than the above installations.

FILLING INSTRUCTIONS:

As shown in both *METHODS 1 & 2*, the ASME bypass feeder is isolated by ball valves. This must be done in order to fill the ASME bypass feeder with your system chemical. If this is not done, **DO NOT** open the feeder, as internal pressure will force the process stream through the fill port.

- 1) Close valves (A & B).
- 2) Release system pressure by opening drain valve (D).
- 3) After releasing pressure you may open fill valve (C) to allow air to enter feeder and speed draining process.
- 4) Fully drain your bypass feeder.
- 5) Close drain valve (D).
- 6) After introducing process chemicals, close fill valve (C).
- 7) Open isolation valves (A & B) to dispense your chemical.

The listed methods are best suited for slow feed of process chemical. Wingert ASME Bypass Feeders may be ordered with a variety of options and accessories, such as valve packages, funnels and much more. Please contact the factory for assistance with your installation or specifications of options and valve packages

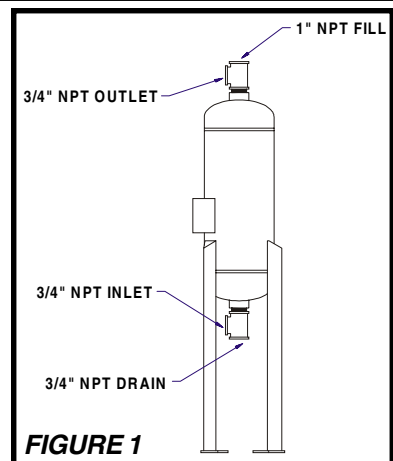
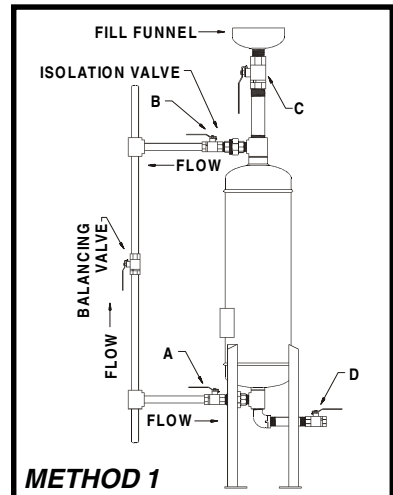
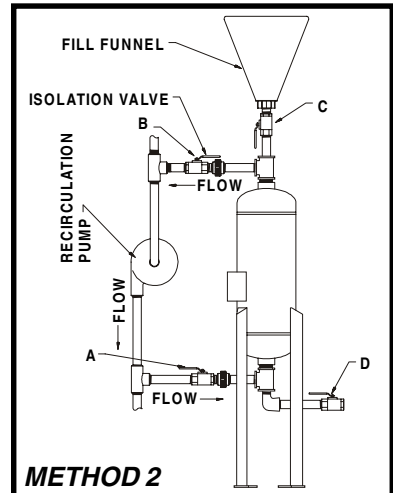


FIGURE 1



METHOD 1



METHOD 2