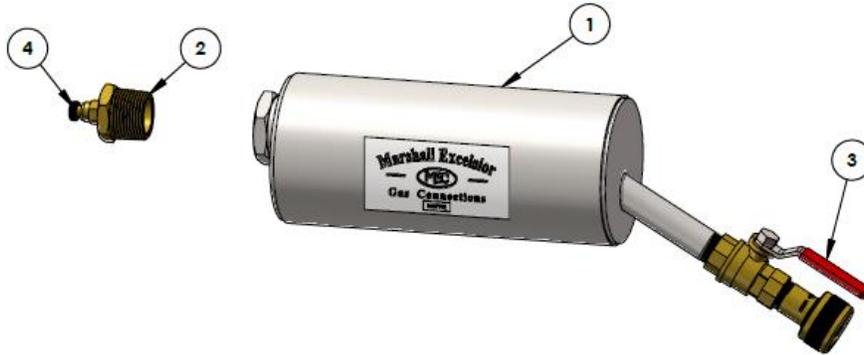


MEP700
METHANOL INJECTOR
INSTALLATION AND OPERATION



!WARNING!

Failure to follow these instructions or to properly install and maintain this equipment could result in an explosion and/or fire causing property damage and personal injury or death.

Install, operate and maintain Marshall Excelsior Co. equipment in accordance with federal, state, and local codes and these instructions. The installation in most states must also comply with NFPA No. 58, ANSI Standard K61.1 and DOT standards.

Only personnel trained in the proper procedures, codes, standards and regulations of the LP-Gas should install, maintain and service this equipment. Be sure all instructions are read and understood before installation, operation and maintenance. These instructions must be passed along to the end user of the product.



WARNING: These products contain a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

Introduction

Scope of the Manual

This manual covers instructions for the MEP700 Liquid Methanol Injector.

Description

This device allows liquid Methanol to be injected into stationary liquid propane cylinders, tanks or other containers to prevent condensation and freezing.

Specifications:

Connection: 1-1/4" F Acme Vapor Coupling
 Capacity: 42oz liquid Methanol
 Maximum pressure: 250psig

Operation

1. Fill NPT end of Injector [1] with up to 42oz of Methanol.
2. Apply PTFE thread tape, Loctite #565 or equivalent thread sealant to threads of Plug [2] and install into NPT end of Injector [1]

!WARNING!

Ensure NPT end is fully sealed before operation.

3. Connect injector to a 1-1/4" M Acme connection on the container.
4. Slowly open container valve to full.
5. Open Injector Valve [3] to full.
6. Slowly open Vent Valve [4] by one turn. This will equalize pressures between the container and Injector, allowing Methanol to flow into the container.
7. After Methanol is injected, close Vent Valve [4], then Injector Valve [3], then container valve.
8. Disconnect Injector from container.

!CAUTION!

Never attempt to refill Injector with Methanol while ACME end is connected to any container or other product.

Maintenance

Marshall Excelsior recommends these maintenance steps be performed at least once a month, to eliminate potential problems and maximize the lifespan of the product.

1. Inspect Injector Valve [3] handle to ensure it operates freely.
2. Confirm Injector Valve [3] opens and closes fully without sticking. Keep valve free of corrosion or buildup of foreign material. Such buildup could prevent proper operation, do not permit this condition to occur.
3. Inspect and clean NPT and ACME threads to ensure sealing.

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