

ME796 QCC QUICK FILL COUPLING

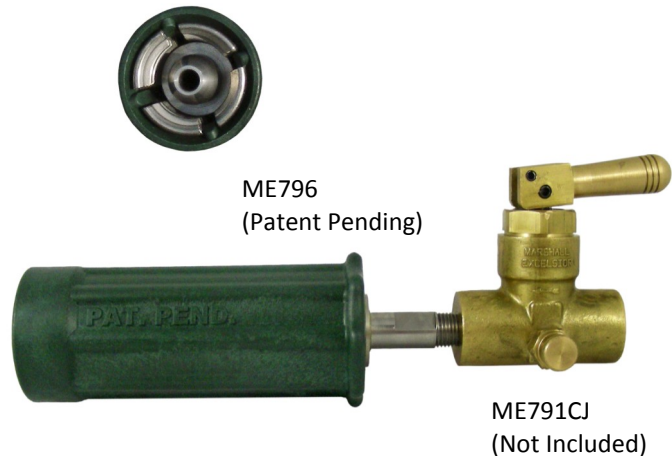
Installation and Operation Instructions

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 Standard #58 Liquefied Petroleum Gas Code.

Only personnel trained in the proper procedures, codes, standards, and regulations of the LP-Gas Industry should install and service this equipment.



INTRODUCTION

Scope of Manual

This manual covers instructions for the type ME796 QCC Quick Fill Coupling

DESCRIPTION

The ME796 QCC Quick Fill Coupling provides a fast and reliable connection for filling cylinders with QCC style 1-5/16" M. Acme service valves. This coupling provides a snap-on / snap-off design specifically intended to reduce labor and repetitive motion associated with threaded type fill couplings. Our glass filled nylon handle and stainless steel internal components provide a durable, light weight, and easy to operate fill coupling that will withstand even the hardest working conditions while reducing cylinder valve thread wear.

SPECIFICATIONS:

Maximum allowable inlet pressure: 250 PSIG
Temperature capabilities: -40°F (-40°C) to 200°F (93°C)
Intended service: LP Gas Liquid/ Vapor service
Inlet connection: 1/4"-18 NPT Male
Outlet connection: 1-5/16" Male Acme Quick Connect (QCC Service Valve)

Installation

The QCC quick connector 1/4" NPT must be connected to a quick acting shut-off valve, such as the MEC ME791C or ME792C toggle valve using a suitable pipe thread sealing compound. Check to make sure connection is leak free before use.

OPERATION

Connecting

WARNING:

Risk of contact with product! Do not disconnect filler when hose end valve is open.

1. Open the connector by grasping the valve in one hand and sliding the connector body back toward the valve with the other hand. Hold the connector open by grasping the end between the thumb and forefinger.



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2. Place threads of connector over threads of valve and release connector body and tighten connector body firmly.



3. Open cylinder valve and toggle valve to fill container.
4. When container is filled to proper level, close toggle valve and container valve.

Disconnecting

WARNING:

Risk of contact with product!

- Do not disconnect filler when toggle valve is open
- Due to the increased speed of disconnection, a small amount of trapped product will discharge rapidly when disconnected

1. With hose end valve closed, pull connector body away from valve while twisting slightly counter-clockwise.

MAINTENANCE

Marshall Excelsior recommends the following checks be conducted at least once a month to ensure proper function of your QCC Quick Fill Coupling.

- Check inside of filler barrel for debris and clean as necessary.
- Check latch tips for wear to the locking teeth to ensure proper locking function and engagement onto cylinder valve.
- Check inlet connection for leaks and tighten if necessary.
- Check filler stem nose for excessive wear, nicks, or abrasions.
- Check fill coupling for wear and proper operation. If fill coupling shows excessive wear or does not fully retract in the locked position discontinue use and replace.