



ME519 High Capacity Quick Connect Coupler (QCC) Safety Warning

!IMPORTANT!

All service personnel must understand all safety warnings to ensure proper procedures and maintenance are consistently practiced.

This notice does not fulfil the requirements for a complete approach of the subject of installing Quick Connect Coupler (QCC) valves; it does not cover all the required safety practices to follow during installation, operation, maintenance and/or use of LP-Gas systems. Confirm all employees are familiar with the safety requirements related to the LP-Gas Industry.

Scope of the Manual

The intent of this bulletin is to remind LP-Gas dealer managers and service personnel that proper attention and care are critical during the installation, maintenance and use of Marshall Excelsior Co. valves. Inadequate attention or care while working with LP-Gas valves could result in serious injury and/or property damage.

Features

- High Capacity Flow Rating – 400,000 BTU/h
- Common Connection – 1-5/16" ACME x 1/4" MPT
- Easy System Installation – 11/16" Hex on ACME side
- User Friendly – Easy grip coupling handle
- Positive Seal – Gas does not flow until completing a full connection on the Overfill Protection Device (OPD)
- Thermally Sensitive – Unique Patent Pending design to completely stop the flow of gas when activated.
- Approved and Listed with Underwriters Laboratories
- Unique Appearance – Red coupling handle to differentiate from the lower capacity ME517 and ME518 QCC's

Installation

!WARNING!

The ME519 QCC utilizes two safety features to control the flow of gas in case of an emergency involving the escape of a flammable material such as propane. Properly install the QCC per the following information to ensure full function of both safety features.

1. One Safety feature requires direct connection to an approved Type 1 OPD valve. In case a fire envelopes the QCC, the valve automatically disconnects from the OPD once the valve temperature exceeds 300°F (149°C). This action causes the connected cylinder valve (With OPD) to shut off the flow of product.

2. The second safety feature involves an integral excess flow valve within the QCC. The ME519 has an excess flow rating of approximately 400,000 BTU/h. **Properly size all downstream connections and devices so their combined flow rating exceeds the flow rating of this excess flow feature.** Proper installation will include the following critical conditions:
 - a. **Properly sized Downstream system**, including a pressure reducing regulator, pipe and or/hose, and all connection fittings. The downstream system should be large enough to handle 25-50% greater capacity than the excess flow device. In the case of the ME519, the downstream system should have a minimum unrestricted flow of 500,000-600,000 BTU/h.
 - b. Confirm the system's downstream pressure-reducing regulator capacity exceeds the rating of the excess flow device.
 - c. Confirm that the length and size of the pipe or hose and all connections allow for the same unrestricted flow noted above.

!GENERAL WARNING!

Confirm the use of all products with the appropriate materials. DO NOT use products specified for use with one material (i.e. propane) with a different material. Marshall Excelsior Co. QCC's are designed for use with propane.

Marshall Excelsior Co. QCC valves may eventually fail due to wear, contamination, corrosion and aging of parts made of metal and/or synthetic materials. The working environment for products supplied by Marshall Excelsior Co. determines the safe service life for these products. Periodic inspections and maintenance of these products are necessary and critical to maintain a good working environment. Advise end-users to replace Marshall Excelsior Co. QCC's when the products look damaged or otherwise suspect.



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

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