Installation Instructions

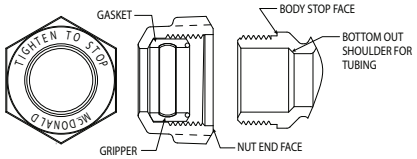
IMPORTANT NOTICE - READ CAREFULLY

McQuik ("Q") Corp-Threaded Series Compression Connectors

The A.Y. McDonald McQuik "Q" Corp-Threaded Series compression system is a simple convenient method of connection for tube size service materials (See table for approved tubing specs.)

Note: This applies only to 16-pitch (Corp Threaded) connections.

The simple steps listed below will make your job easier and assure fast, safe and watertight connections:



1. Service tubing should always be **snaked** in the ditch.
2. Use a tube or pipe cutter to assure a square end. Make sure pipe is round. On copper tubing, use a rounding tool, if necessary. Surface should be clean and free of nicks.
3. ✻ Insert stiffeners **must** be used with plastic tubing.
4. Stab tube through the nut and into the socket of the valve or fitting until it bottoms out (some fittings may or may not have a stop).
5. Tighten the McQuik "Q" Series nut to the stop. The end face of the nut is to contact the stop face of the body. **Note:** If using HARD TEMPER copper tube and 2" fitting, tighten nut to 125 ft-lbs torque. End face of nut may not contact the stop face of the body.
6. **PRESSURE TEST FOR LEAKS BEFORE BACKFILLING.**
7. **USE ONLY ON COLD WATER SERVICES.**

Types of Pipe/Tubing for use with A.Y. McDonald Fittings (Outside Diameters listed)

NOMINAL SIZE	TYPE K or L COPPER TUBE	POLYETHYLENE ASTM D2737 SDR 9 TUBE SIZE ✻	POLYBUTYLENE ASTM D2666 SDR 9 TUBE SIZE CLASS 250 ✻
1 1/2"	1.621 / 1.630	1.619 / 1.631	1.625 / 1.637
2"	2.120 / 2.130	2.119 / 2.131	2.125 / 2.137

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A.Y. McDonald waterworks products are designed for reliable service.
Like all brass products, however, they can be damaged by improper handling and use.

CAUTIONS

1. Protect threads. Avoid loose fitting wrenches. Do not drop or impact.
2. Use extra care with high water pressures (over 100 PSIG) and pipe or tubing over 1". Consult factory if desired.
3. Inspect and test all joints, valves and fittings before backfilling.
4. Backfill carefully so as to avoid damage to the service line and connections. Looping of the service lines is recommended to minimize strain.
5. DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.

Damage caused by improper use and/or handling will void our warranty

WARNING: It is unlawful in **CALIFORNIA & VERMONT (effective 1/1/2010); MARYLAND (effective 1/1/2012); LOUISIANA (effective 1/1/2013) and the UNITED STATES OF AMERICA (effective 1/4/2014)** to use any product in the installation or repair of any public water system or any plumbing in a facility or system that provides water for human consumption if the wetted surface area of the product has a weighted average lead content greater than 0.25%. This prohibition does not extend to service saddles used in California, Louisiana or under USA Public Law 111-380.

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