

# Domestic Gas Meters

## Installation Instructions

### Handling

Elster American Meter gas meters feature rugged construction that will provide many years of trouble-free service. However, a certain degree of care should be used during handling to ensure meter accuracy and a long service life.

1

Meters should always be shipped, stored and installed in an upright position.

2

Each meter is shipped from the factory with dust caps covering the inlet and outlet openings. These caps should be left in place until proving or installation. When removing a meter from service, dust caps should be reinstalled to prevent dirt and other atmospheric contaminants from entering the meter.

### Installation

1

The gas meter should be installed as close to level as possible in order to ensure accurate operation.

2

Avoid installing the meter in locations where the meter casing is in direct contact with soil or concrete walls. Alkali in concrete as well as other corrosive elements in soil can cause premature corrosion of the meter casing.

3



Inlet and outlet pipe connections should be parallel. The height difference between the housing connections should be no more than 1/4".



Hand tighten the inlet swivel cap. Pressurize the system to purge the air inside the meter through the outlet. Please note that the line from the meter to the appliance(s) must also be purged prior to lighting.



Hand tighten the outlet swivel cap. Using a pipe wrench, alternate between both swivel caps and tighten approximately three flats (approximately 20 ft/lb). DO NOT OVER TIGHTEN. Damage to the rubber gasket inside the swivel cap may result.

6

Check all connections for leaks.



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American Meter

## Accessories

Consider using a meter bar for a rigid installation. Meter bars facilitate quick placement of the regulator and prevent pipe stress from being transferred to the gas meter. Meter bars are available with internal threads that accept 3/4" x 3/4", 3/4" x 1" and 1" x 1" NPT downstream pipe sizes. Also consider using a vent elbow. Vent elbows prevent snow and ice build-up that could block the regulator vent opening. Vent elbows with bug screens (part no. 78041P025 & 70400P017) are available for use with all Elster American Meter's regulators.

## About Elster Group

A world leader in advanced metering infrastructure, integrated metering, and utilization solutions to the gas, electricity and water industries. Elster's metering and system solutions reflect over 170 years of knowledge and experience in measuring precious resources and energy.

Elster provides solutions and advanced technologies to help utilities more easily, efficiently and reliably obtain and use advanced metering intelligence to improve customer service, enhance operational efficiency, and increase revenues. Elster's AMI solutions enable utilities to cost-effectively generate, deliver, manage, and conserve the life-essential resources of gas, electricity, and water.

Elster has a staff of over 7,500 serving customers globally in North America, Central America, South America, Europe, Asia, Africa and the Middle East.

ISO 9001:2000



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