GF Central Plastics

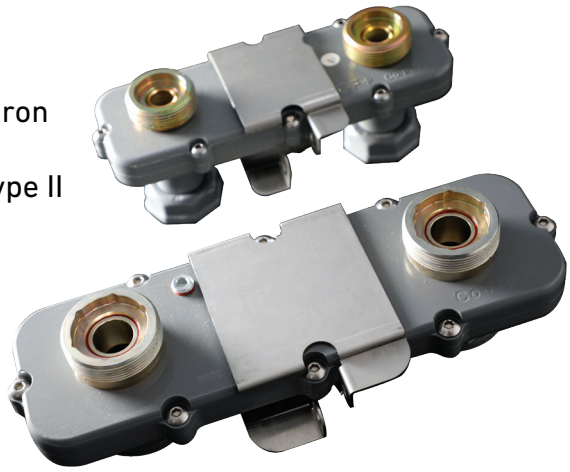
Product Specifications: Commercial Co-Pilot Bypass System

Family: **Meter Bypass**
Product: **Commercial**
Type: **Specifications**

This document describes the standard specifications and features related to GF Central Plastics commercial meter Bypass assemblies. This specification covers the Bypass assembly along with all possible connection configurations in either coated polyester, uncoated (BMI), galvanized (GMI), or electroplated zinc coatings.

Sizes:

Meter Connection sizes with 8-1/4" center to center 20LT, 30LT, & 45LT



Requirements:

ANSI/ASME B109.1	Meter Case Specification and Connections
ASTM A197	Standard Specification for Cupola Malleable Iron
ASTM A153	Hot Dip Galvanizing
ASTM B633	Zinc Plate with Yellow Dichromate Fe/Zn 8 Type II

Reference Documents:

ANSI/ASME B16.3	Maliable Iron Threaded Fittings

Materials:

Case and Slides:	383 Aluminum
By-Pass Gear:	360 Brass
Connections:	Freemachining Steel 1020 Alloy
Malleable Iron:	Manufactured to ASTM A197 specifications. Bronze Alloy 83600
Additional Coatings:	Zinc, Polyester, Galvanized
O Rings:	70 Durometer Buna-N (Nitrile) per ASTM D2000

Features:

Provides a user friendly gas meter Bypass and purge solution. Bypass can be used on new or existing installations. Once installed, meters can be by-passed and serviced without gas supply interruption to the residence. Options include a locking cap device or custom lock assembly and key for Bypass.

Optional Features:

Locking Options: horizontal lock cover and test port with plug.

Pressure Rating:

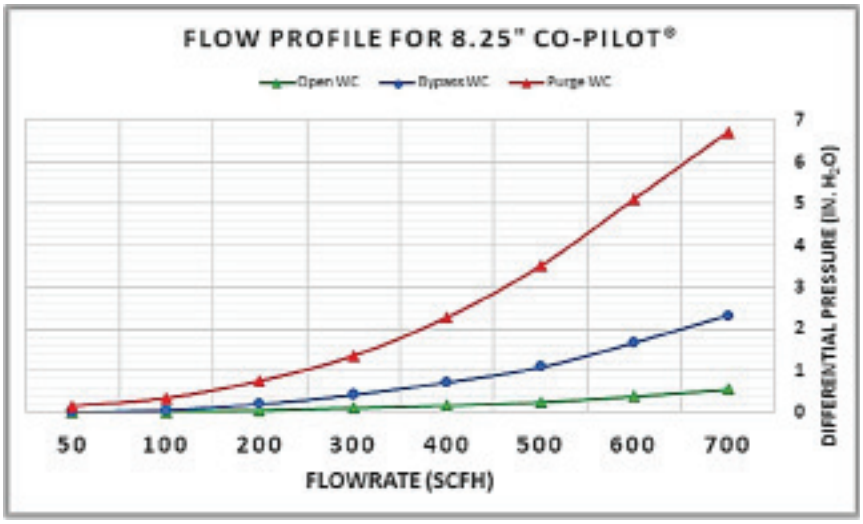
Pressure tested at 2 psi. Low pressure is used to detect leaks below seal energizing levels. 25 psi maximum operating pressure for commercial Bypass.

Working Temperature Range:
-30°F to 120°F

Installation:
All state, local, and federal safety/installation standards and codes should be observed. The installer assumes responsibility for assuring that this product is suitable for the intended applications.

Flow Characteristics:
Flow testing done with an AC630 meter set (30LT meter and regulator). 1200K BTU burners, and Pilot lights.

End of Life Disposal:
Polyethylene fittings are 100% recyclable and suitable for recycling into post-consumer products. Electrofusion metallic components include copper and copper alloys, aluminum, and/or steel and are also recyclable.



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