

Specification Sheet

FH Assembly

Specifications

Typical Operating Range	4 - 450 gpm
Max Continuous Operating Flow	350 gpm
Max Operating Capacity	450 gpm
Max Operating Temperature	140°F
Max Operating Pressure	175 psi

Physical Characteristics

Nominal Thread Size (inches)	2 1/2
Hose Couplings (inches)	
NST	2 1/2
(National Standard Fire Hose Coupling Thread)	
Weight	31 lbs

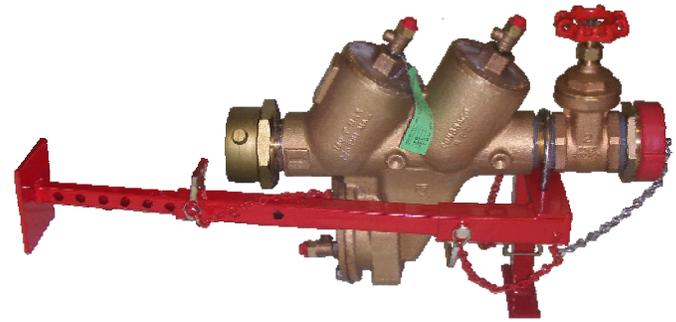
Materials

Main Case	Cast Bronze
Access Covers	Cast Bronze
Hose Couplings	Bronze
Fasteners	Stainless Steel
Elastomers	Silicone and Buna Nitrile
Polymers	Norly, NSF listed
Springs	Stainless Steel

Description

Applications - For use in measurement of potable cold water up to 140°F and working pressures up to 175 psi.

Connectors - The meter is provided with standard 2 1/2" NST fire hose swivel couplings. Assemblies are also available with 2" or 2 1/2" gate valves, back-flow preventer and adjustable hydrant stands.



Operation - The fire hydrant assembly is designed for use where water flows in one direction from a fire hydrant. It may also be used for temporary monitoring of irrigation, well pumping, construction, testing or similar non-permanent applications.

Installation - The fire hydrant assembly shall be installed with the direction of flow as indicated by the arrow cast in the bronze case.

Maintenance - The fire hydrant assemblies are designed to provide long-term service with minimal maintenance. When maintenance is required the reduced pressure backflow device can be repaired or replaced.

Backflow Preventer - The backflow preventer is a reduced pressure zone device capable of preventing reverse flow in potentially hazardous applications.

Hydrant Stand - The hydrant stand is constructed of carbon steel tubing encased in a polyurethane coating. It is adjustable to allow support of the hydrant meter assembly on fire hydrants of various elevations.

Construction - The fire hydrant assembly construction consists of three basic components: gate valve, reduced pressure zone backflow device and adjustable hydrant meter stand. The gate valve is high strength bronze. The back flow preventer is a reduced pressure zone device for reliability and safety. The stand is coated carbon steel and is adjustable to allow for use with various hydrant elevations.



Infinity Metering Company, Inc.
PO Box 948
Claremore, OK 74018
918-342-2752 or 888-342-2752
FAX: 918-342-5949

Physical Address:
21052 South 4175 Rd.
Claremore, OK 74019

info@imcmeter.com
www.imcmeter.com

Due to continuous research and product enhancements, Infinity Metering Company, Inc. reserves the right to change product or system specifications without notice, except to the extent an outstanding contractual obligation exists.

FHAU012908