





## MEDALLION HYDRANT WITH VERTICAL SHOE

AWWA C502 • UL LISTED • FM APPROVED
NSF 61/372 CERTIFIED • 250 PSI WORKING PRESSURE
10-YEAR LIMITED WARRANTY



# MEDALLION HYDRANT WITH VERTICAL SHOE

#### **FIRE PROTECTION**

The Clow Medallion hydrant was designed and built to provide unsurpassed fire protection. Utilizing computer-developed data, Clow engineers painstakingly sculpted interior surfaces to provide the smoothest possible waterway, resulting in the lowest possible loss of head through the hydrant.

The result? More water to the nozzles faster. With the Clow Medallion, it's performance that counts.

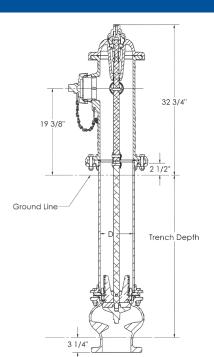
#### **MAINTENANCE**

Extraordinary steps are taken in both the design and manufacturing process

to ensure that the Clow Medallion can be routinely serviced and repaired easily. All working parts are readily accessible from the top of the hydrant and are built from the highest-quality materials.

#### **10-YEAR LIMITED WARRANTY**

The Clow Medallion carries a 10-year limited warranty on materials and workmanship. The hydrant also equals or exceeds all applicable American Water Works Association (AWWA) requirements. It has been listed by Underwriters Laboratories (UL) and is approved by Factory Mutual Approvals (FM).



HYDRANT VALVE SIZE	D
4 1/2	6.16±.14
5 1/4	7.04±.14



## **ENGINEERING FEATURES**

#### **MOISTURE PROTECTION**

Durable cast iron weather cap combines with one piece copper alloy operating nut and O-rings to provide reliable, corrosion-resistant operation under all weather conditions.

#### **LUBRICATION RESERVOIR**

O-ring sealed reservoir may be filled easily without disassembly.

#### TGIC

Coating provides a long-lasting, more durable finish.

## STAINLESS STEEL SAFETY STEM COUPLING SYSTEM

Breakaway parts shear cleanly below the top of the barrel, reducing nozzle section damage or opening of the main valve.

#### **COPPER ALLOY UPPER VALVE PLATE**

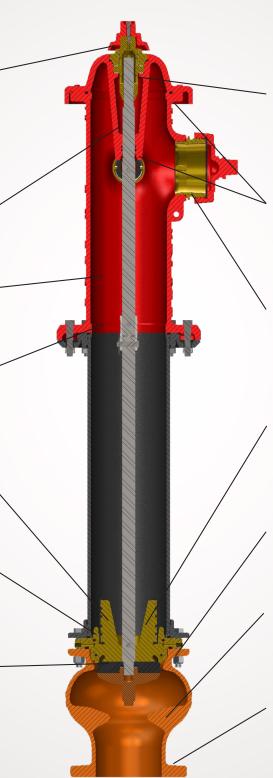
Solid design for strength and durability.

#### **COPPER ALLOY TO COPPER ALLOY**

Copper alloy seat ring threads into copper alloy drain ring for corrosion-resistant protection.

#### **COMPRESSION SEATING**

High-durometer rubber valve closes with the water pressure for a positive seal.



#### **ANTI-FRICTION**

Thrust bearings above and below the copper alloy thrust collar provide low-torque operation even at 250 psi working pressure.

#### **BONNET SEALS**

Standard O-rings secure mating flanges and sealing throughout the Medallion.
All O-rings are dependable and easy to replace.

#### **COPPER ALLOY NOZZLES**

Mechanically locked, corrosionresistant, field-replaceable copper alloy nozzles have O-ring seals for water-tight connections.

#### **DRAIN VALVE**

Plastic valve facing provides tight, lifelong seal. Copper alloy seat ring has 360-degree drain channel. Double ports flush with each use.

#### **NUTS & BOLTS**

All fasteners below grade are stainless steel.

#### **SHOE STOP WINGS**

Lower valve plate bottoms out in the ductile iron shoe. Prevents seat from falling below the seat ring.

#### **DUCTILE IRON HYDRANT SHOE**

Shaped for low turbulence and maximum flow. Comes standard with epoxy coating inside and out. Available with FLG end connection.

### RECOMMENDED SPECIFICATIONS

#### MEDALLION HYDRANT WITH VERTICAL SHOE

- Fire hydrant shall be manufactured in accordance with AWWA Standard C502, be listed by Underwriters Laboratories, Inc. and be FM Approved.
- Fire hydrant shall be designed for 250 psi working pressure and tested to 500 psi hydrostatic pressure.
- Fire hydrant shall be backed by manufacturer's 10-year limited warranty.
- Fire hydrant shall be dry-top, center stem, 4-bolt bonnet construction having an O-ring sealed lubrication reservoir.
- Fire hydrant shall be manufactured with operating nut and thrust nut made of copper alloy, with bearings located both above and below the thrust collar, and with operating nut protected by a castiron weather shield.
- Fire hydrant shall be manufactured with nozzles mechanically locked into the nozzle section and have 0-ring seals.
- Fire hydrant shall be a "Traffic Model," complete with safety flanges and stainless steel stem coupling. Nozzle section must rotate 360 degrees.

- Fire hydrant shall be manufactured with a main valve seat ring of copper alloy threaded into a copper alloy drain ring. A 360-degree drain channel shall have a minimum of two tapped drain outlets.
- Fire hydrant shall have a solid copper alloy upper valve plate with two rubber facings that activate the drain ports.
- Fire hydrant shall be manufactured with a lower valve plate that bottoms out in the shoe for a maximum opening. Both lower valve plate and shoe shall have fusion-bonded epoxy coating.
- Fire hydrant shall be manufactured with a main valve opening of 4 ½ or 5 ¼ inches.
- Nozzle section shall be coated inside and out with TGIC coating.
- Fire hydrant shall be the Clow Medallion with vertical shoe as manufactured by the Clow Valve Company or approved equal.

#### **COMMITTED TO ENVIRONMENTAL RESPONSIBILITY**

Clow Valve Company is committed to protecting our natural resources through environmentally responsible manufacturing practices, including the use of 80+% recycled content in our hydrants and valves.











ISO 9001:2015 Certified











