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FIRE PROTECTION PRODUCTS

Mueller Co.

SUPER CENTURION® FIRE HYDRANT

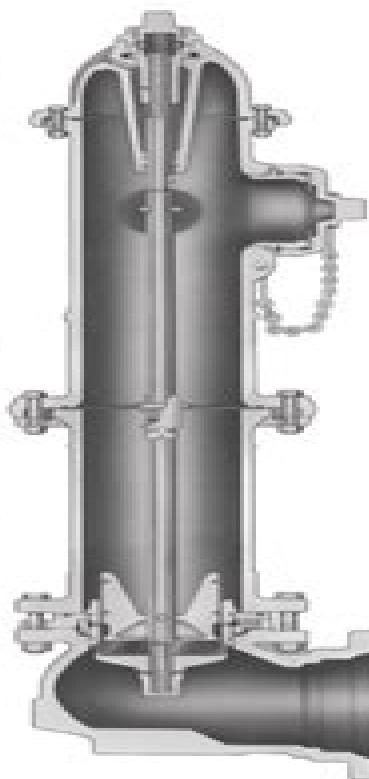
SECTION
A-1

Rev. 9-05

MUELLER® SUPER CENTURION® FIRE HYDRANT

Since its introduction in 1976, millions of Centurion fire hydrants have been installed throughout North America. There are a number of reasons the Mueller line of Centurion hydrants is the most widely sold brand. The Centurion hydrant is designed to provide years of reliable service. It's flow characteristics make it one of the best performing hydrants available. If service is ever needed, the process is simple and the parts readily available. Perhaps most important, Mueller is always there to back what it sells. Simply, the Centurion hydrant has no peer.

- ❑ **ANTI-FRICTION WASHER** – helps assure easy operation for life of the hydrant.
- ❑ **HOLD-DOWN NUT** – designed to discourage unauthorized removal of parts. Integral weather seal is UV resistant and protects operating nut from freezing. O-ring below weather seal provides second level of protection against water entry into bonnet.
- ❑ **OIL FILLER PLUG** – permits quick check of oil level and oil to be added if necessary without bonnet removal.
- ❑ **SEALED OIL RESERVOIR** – O-ring sealed to prevent leakage. Factory filled with FDA approved oil that remains liquid year around. Unique design automatically lubricates stem threads and bearing surfaces each time hydrant is opened.
- ❑ **STAINLESS STEEL SAFETY COUPLING** – pulls free if hydrant is hit by a vehicle preventing damage to stem and main valve. Coupling will not break into pieces that could drop into lower barrel and affect valve operation. Top of lower stem is below top of lower barrel so a tire cannot depress it and open main valve. Repair is easy and economical.
- ❑ **SAFETY FLANGE** – breaks cleanly to help prevent traffic damage, yet strong enough to withstand normal handling. Allows economical repair, adding extension section, rotation or changing of upper barrel without digging or water shut-off.
- ❑ **BRONZE UPPER VALVE PLATE** – conical shape for smooth efficient flow.
- ❑ **DRAIN VALVE FACINGS** – specially designed, long-life facings provide effective sealing.
- ❑ **O-RING SEALS AT BONNET, GROUND AND SHOE FLANGES** – for better leak resistance, easier maintenance.
- ❑ **FULL FLOW OPENINGS** – large radius hose and pumper nozzle openings produce low friction loss, superior performance.
- ❑ **FIELD REPLACEABLE NOZZLES** – O-ring sealed and threaded in place, hose and pumper nozzles are easily replaced. Securely retained by stainless steel locks.



Modern Centurion® Style with similar features available. See page A-1-3 for ratings.

- ❑ **ELECTRO-GALVANIZED BOLTS AND NUTS** – provide corrosion protection.
- ❑ **NON-KINKING CHAINS** – heavy duty and securely attached to hydrant. Special loops permit nozzle caps to turn freely.
- ❑ **BRONZE SEAT RING** – threaded into **BRONZE DRAIN RING** and O-ring sealed. Easily removed or installed from above ground. Double drain openings are force flushed each time hydrant is opened or closed, keeping them open for effective barrel drainage. Bronze drain valves are integral parts of main valve assembly.
- ❑ **REVERSIBLE, COMPRESSION-TYPE MAIN VALVE** – closes with pressure for positive seal. Rubber material has long service life, yet is reversible providing a convenient spare in place.
- ❑ **SEALED LOWER STEM THREADS** – protected from corrosion for easier disassembly. Mueller HP® Epoxy Coated cap nut with rubber gasket and stainless steel lock washer, shields threads from water.
- ❑ **SHOE DESIGNED FOR MAXIMUM FLOW, EASY INSTALLATION** – smooth transitional contours, extended neck and integral anti-rotation pads that allow use of standard toe-head bolts. Shoe interior is covered with Mueller HP® Epoxy coating, creating a tough corrosion-resistant barrier to chemicals, physical impact and electrical currents. Integral blocking pads on bottom and back. Integral stem stop.
- ❑ **CERTIFIED PERFORMANCE** – meets or exceeds requirements of ANSIAWWA C502 Standard, and UL 246 and FM 1510 specifications. Certified to ANSI/NSF 61.
- ❑ **250 PSIG (1723 kPa) RATING** – maximum working pressure of 3-way hydrant, 500 psig (3447 kPa) test pressure.
- ❑ **10-YEAR LIMITED WARRANTY** – assured reliability (see separate Mueller Warranty document for terms).
- ❑ **SECURITY OPTIONS** – selection of options to secure hydrant against unauthorized operation or access to hydrant interior.

Hydrant Repair Manual

G Thomas

A red circular graphic with a gradient, appearing as a stylized arrow or a partial circle, located to the right of the author's name.

Hydrant Repair Manual:

Hydrant Repair Manual Book Review: Unveiling the Magic of Language

In an electronic era where connections and knowledge reign supreme, the enchanting power of language has are more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Hydrant Repair Manual**," compiled by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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