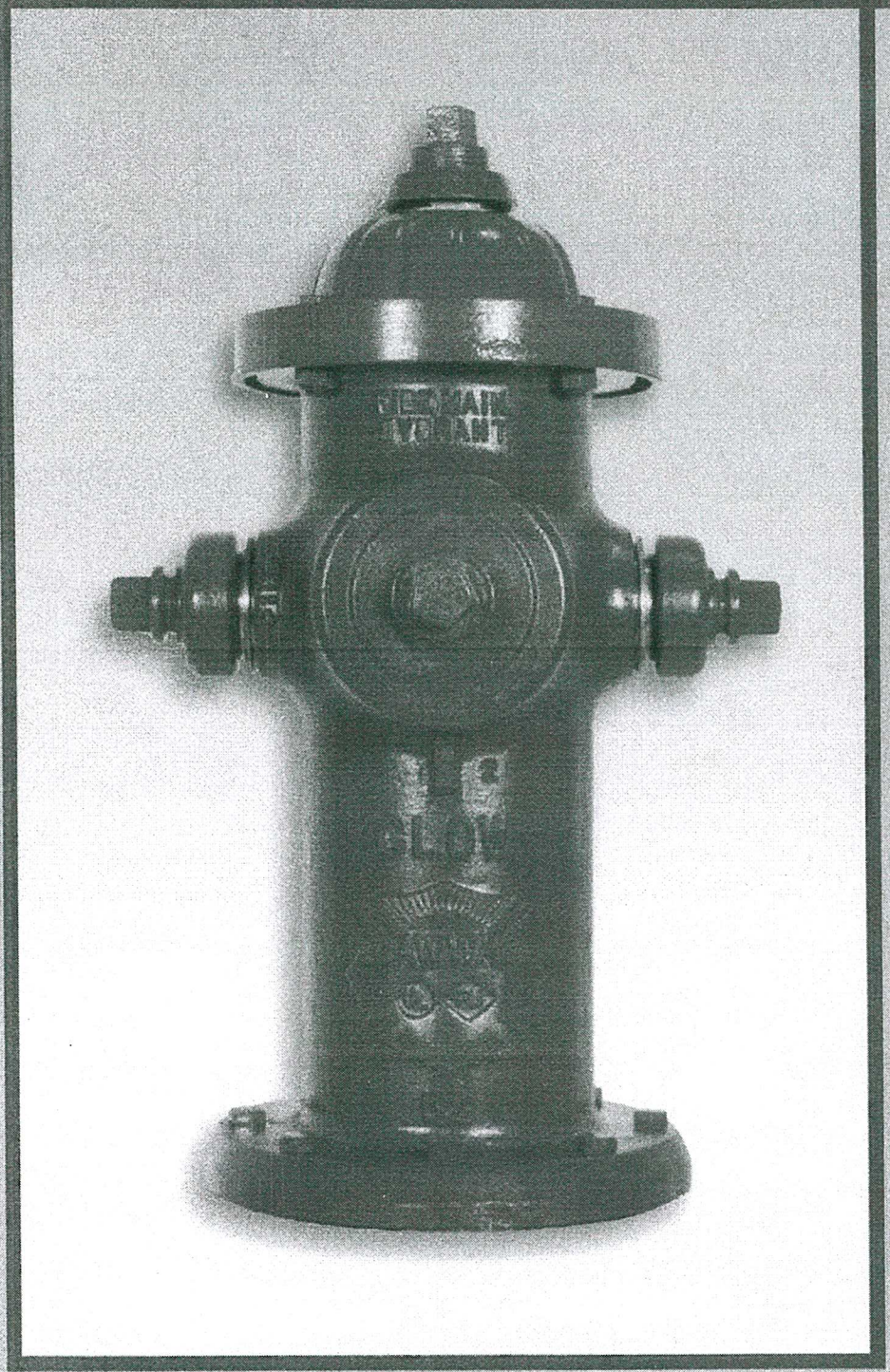
RRSPL-WT-0502

CLOW

MEDALLION HYDRANT



PROUDLY

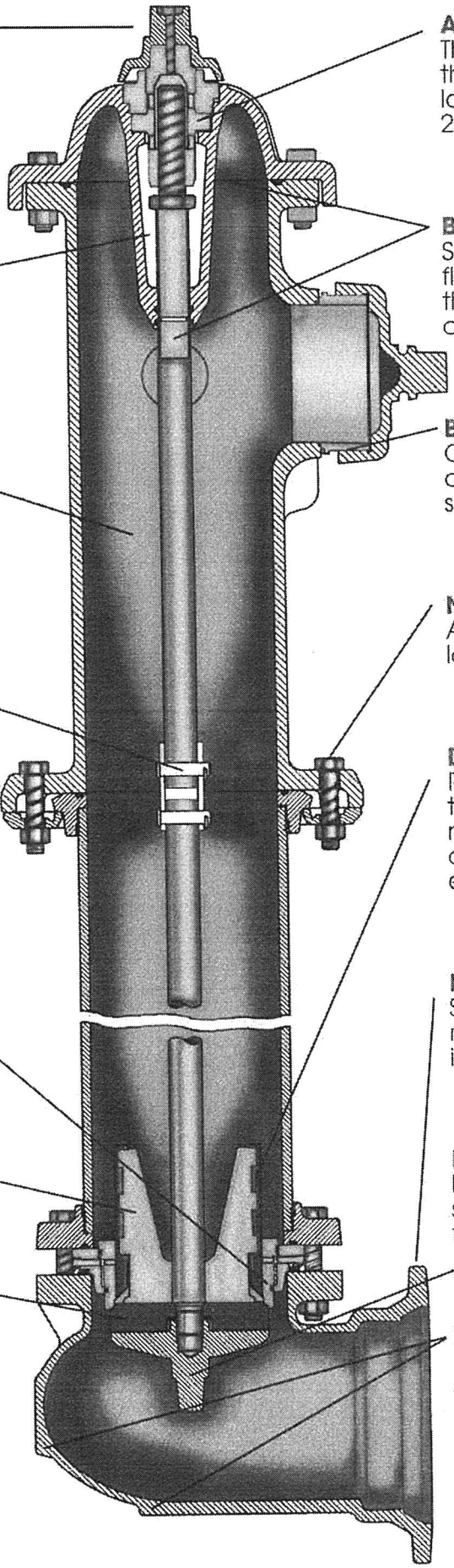
MADE IN THE USA

Setting a New Standard for Fire Protection

- Conforms fully to AWWA C502 standards
- Has earned both Underwriters Laboratory and Factory Mutual approval
- 250 psi working pressure
- 10-year limited warranty

The Industry's Most Advanced Fire Hydrant...

MEDALLION HYDRANT
Additional Engineering Features



MOISTURE PROTECTION
Durable cast iron weather cap combines with one piece bronze operating nut and o-rings to ensure reliable corrosion-free operation under all weather conditions.

LUBRICATION RESERVOIR
O-ring seals keep the oil in and water out. Reservoir may be filled easily without disassembly.

COMPUTER DESIGNED CONTOURS
All interior components were individually designed to provide the lowest possible head-loss-more water-faster.

SAFETY STEM COUPLING SYSTEM
Breakaway parts shear cleanly below the top of the barrel, preventing nozzle section damage or opening of the main valve.

BRONZE TO BRONZE
Bronze seat ring threads into bronze drain ring for corrosion-free protection.

BRONZE UPPER VALVE PLATE
Computer contoured shape means less turbulence-smoother flow

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

ANTI-FRICTION
Thrust bearings above and below the bronze 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.

BRONZE NOZZLES
Corrosion-resistant, field-replaceable bronze nozzles have o-ring seals for water-tight connections.

NUTS & BOLTS
Are electroplated to provide long life.

DRAIN VALVE
Rubber valve facing provides tight, long life seal. Bronze seat ring has 360 degree drain channel. Double ports flush with each use.

HYDRANT SHOE
Shaped for low turbulence and maximum flow, the shoe is offered in a variety of end connections.

LOWER VALVE PLATE
Bottoms out in the bottom of the strengthened shoe. Prevents valve from falling below seat ring.

PADS
Pads on hydrant shoe give large surface areas for standing and blocking hydrant.

SAMPLE SPECIFICATIONS:

1. Fire Hydrant shall be manufactured in accordance with AWWA Standard C502, be listed by Underwriters Laboratories, Inc. and have Factory Mutual Research approval.
2. Fire Hydrant shall be designed for 250 psi working pressure and tested to 500 psi Hydrostatic pressure.
3. Fire Hydrant shall be backed by manufacturer's 10-year limited warranty.
4. Fire Hydrant shall be dry-top center stem construction having an O-Ring sealed lubrication reservoir.
5. Fire Hydrant shall be manufactured with operating nut and thrust nut made of bronze, with bearings located both above and below the thrust collar and with operating nut protected by a cast-iron weather shield.
6. Fire Hydrant shall be manufactured with nozzles mechanically locked into the barrel and having O-Ring pressure seals.
7. Fire Hydrant shall be a "Traffic Model," complete with safety flanges and steel stem coupling. Nozzle section must rotate 360 degrees.
8. Fire Hydrant shall be manufactured with a main valve seat ring of bronze threaded into a bronze drain ring. A 360 degree drain channel shall have a minimum of two drain oulets.
9. Fire Hydrant shall have an upper valve plate and two rubber facings that activate the drain ports.
10. Fire Hydrant shall be manufactured with a lower valve plate that bottoms out in the shoe for a maximum opening.
11. Fire Hydrant shall be manufactured with a minimum main valve opening of 4½ or 5¼ inches.
12. Fire Hydrant shall be the CLOW MEDALLION as manufactured by the Clow Valve Company or approved equal.

CLOW
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