



M&H VALVE COMPANY

mh-valve.com



129 HYDRANT

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



For Generations

129 HYDRANT

YESTERDAY, TODAY, & TOMORROW

For more than 85 years, the M&H 129 Fire Hydrant has been produced to protect property and lives. The 129 hydrant represents more than 160 years of our commitment to providing quality products to our customers. M&H is continuously developing our products to meet the current and future demands of water systems.

EASY MAINTENANCE

The 129 design set the standard for the ultimate user-friendly hydrant. It accomplishes superior quality and innovation while retaining part interchangeability back to 1929.

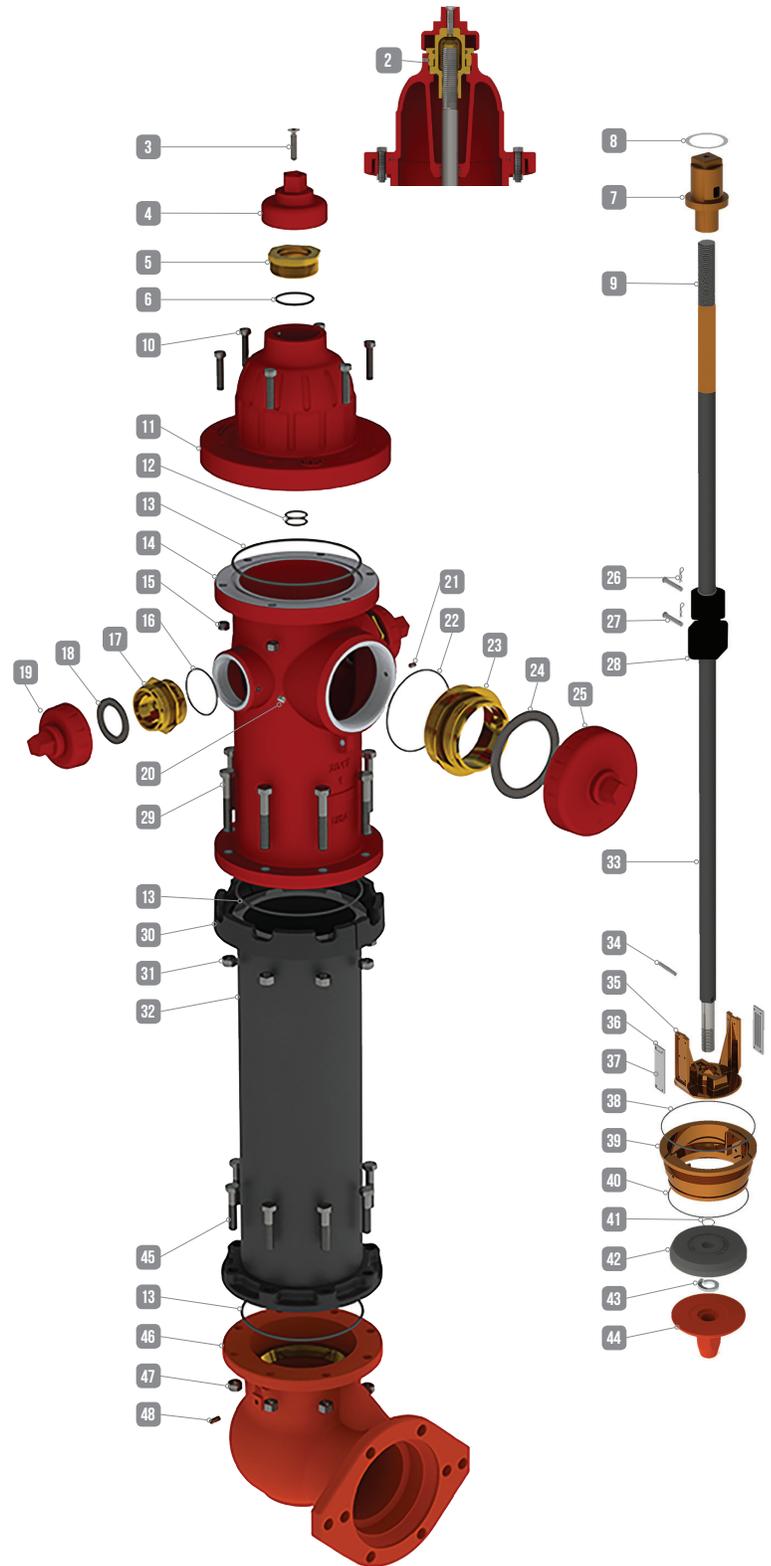
10-YEAR LIMITED WARRANTY

The 129 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 FM Global (FM).



129 HYDRANT PARTS ASSEMBLY

| ITEM NO. | DESCRIPTION | MATERIAL | QTY. |
|----------|-------------------------------------|--------------------------------------|------|
| 2 | Hold Down Nut Set Screw | Stainless Steel | 1 |
| 3 | Lubricating Bolt | Zinc Plated Steel | 1 |
| 4 | Weathershield | Cast Iron | 1 |
| 5 | Hold Down Nut | Brass Alloy C87850 | 1 |
| 6 | Hold Down Nut O-Ring #331 | EPDM | 1 |
| 7 | Operating Nut | Brass Alloy C87850 | 1 |
| 8 | Thrust Washer | Acetal | 1 |
| 9 | Upper Rod | Steel C1117 HFS w/ Brass Stem Sleeve | 1 |
| 10 | Bonnet Hex Bolts | Zinc Plated Steel | 6 |
| 11 | Bonnet | Cast Iron | 1 |
| 12 | Rod O-Rings #218 | Buna-N | 2 |
| 13 | Bonnet/Nozzle/Standpipe O-Ring #370 | Buna-N | 3 |
| 14 | Nozzle Section | Cast Iron | 1 |
| 15 | Bonnet Hex Nuts | Zinc Plated Steel | 6 |
| 16 | Hose Nozzle O-Ring #234 | Buna-N | 2 |
| 17 | Hose Nozzle | Brass Alloy C87850 | 2 |
| 18 | Hose Cap Gasket | Rubber | 2 |
| 19 | Hose Cap | Cast Iron | 2 |
| 20 | Hose Nozzle Set Screw | Stainless Steel | 2 |
| 21 | Pumper Nozzle Set Screw | Stainless Steel | 1 |
| 22 | Pumper Nozzle O-Ring #250 | Buna-N | 1 |
| 23 | Pumper Nozzle | Brass Alloy C87850 | 1 |
| 24 | Pumper Cap Gasket | Rubber | 1 |
| 25 | Pumper Cap | Cast Iron | 1 |
| 26 | Retaining Clips | Stainless Steel | 2 |
| 27 | Clevis Pins | Stainless Steel | 2 |
| 28 | Break Coupling | Cast Iron | 1 |
| 29 | Safety Flange Bolts | Zinc Plated Steel | 8 |
| 30 | Safety Flange | Cast Iron | 2 |
| 31 | Safety Flange Nuts | Zinc Plated Steel | 8 |
| 32 | Stand Pipe S/A | Ductile Iron | 1 |
| 33 | Lower Rod | Steel C1117 HF5 | 1 |
| 34 | Lower Rod Pin | Stainless Steel | 1 |
| 35 | Upper Valve Plate | Aluminum Bronze Alloy | 1 |
| 36 | Drain Valve Rivets | Stainless Steel | 8 |
| 37 | Drain Valve Facing | EPDM | 2 |
| 38 | Seat Ring Upper O-Ring #261 | Buna-N | 1 |
| 39 | Seat Ring | Aluminum Bronze Alloy | 1 |
| 40 | Seat Ring Lower O-Ring #255 | Buna-N | 1 |
| 41 | Lower Rod O-Ring #020 | Buna-N | 1 |
| 42 | Main Valve Seat | Buna-N | 1 |
| 43 | Bottom Plate Lock Washer | Stainless Steel | 1 |
| 44 | Bottom Plate | Cast Iron | 1 |
| 45 | Shoe Hex Bolts | Stainless Steel | 8 |
| 46 | Shoe/Retainer Ring S/A | Ductile Iron/Brass Alloy C87850 | 1 |
| 47 | Shoe Hex Nuts | Stainless Steel | 8 |
| 48 | Drain Hole Bushing | Bronze | 2 |
| 49 | S-HHook (not shown) | Zinc Plated Steel | 1 |
| 50 | Chain (not shown) | Zinc Plated Steel | 3 |



ENGINEERING FEATURES

MOISTURE PROTECTION

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

LUBRICATION RESERVOIR

O-ring sealed reservoir may be filled with grease or oil through the lubrication bolt.

TGIC

Coating provides a longer-lasting, more durable finish.

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 ALLOY UPPER VALVE PLATE

Solid design for added strength and durability.

BRONZE ALLOY TO BRONZE ALLOY

Bronze alloy seat ring threads into bronze alloy drain ring for corrosion-free protection

COMPRESSION SEATING

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

PADS

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

ANTI-FRICTION

Thrust washer above the bronze alloy thrust collar provides low-torque operation even at 250 PSI.

BRONZ ALLOY NOZZLES

Mechanically locked, corrosion-resistant, field replaceable bronze alloy nozzles have O-ring seals for water-tight connections.

SEALS

Standard O-rings secure mating flanges throughout the 129S. All O-rings are dependable and easy to replace.

DRAIN VALVE

Rubber valve facings provide a tight, lifelong seal. Bronze alloy seat ring has a 360 degree drain channel. Double ports flush with each use.

NUTS & BOLTS

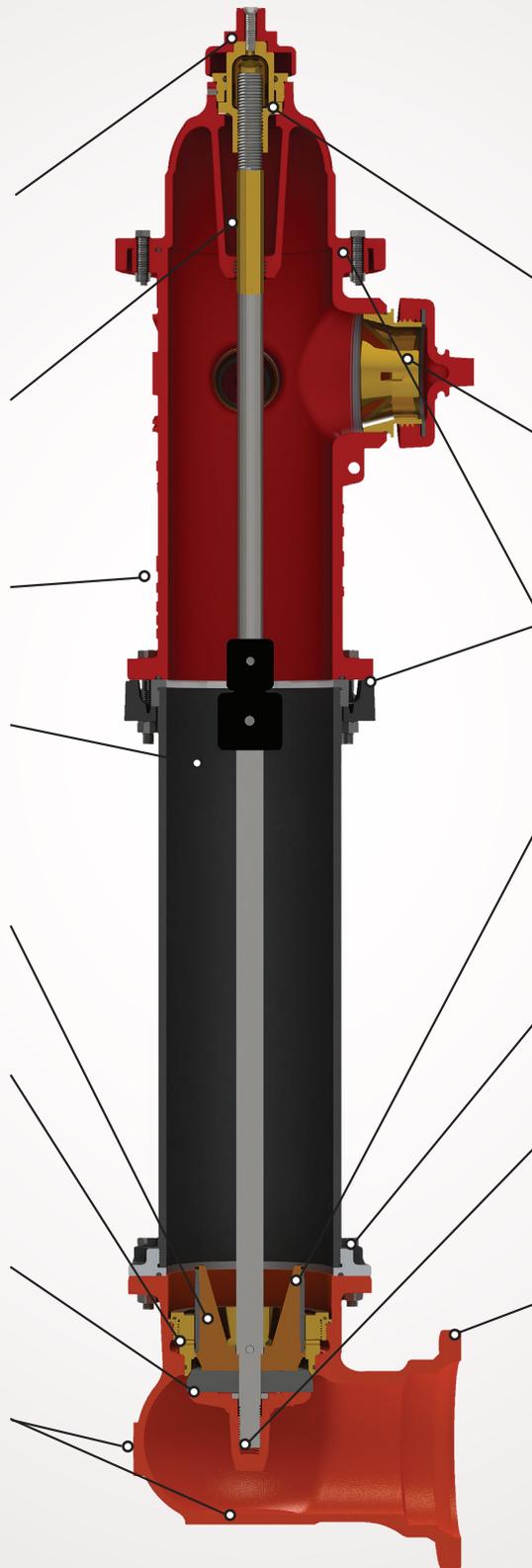
All fasteners below grade are stainless steel.

LOWER VALVE PLATE

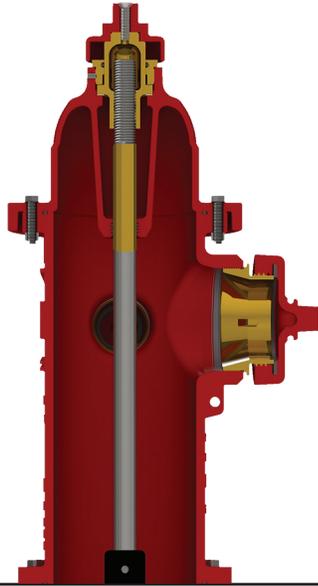
Bottoms out in the ductile iron shoe. Prevents seat from falling below the seat ring.

DUCTILE IRON HYDRANT SHOE

Shaped for low turbulence and maximum flow, the shoe is offered in a variety of end connections. Comes standard with epoxy coating inside and out.



PRODUCT DATA



*Nozzle height ground line

ACCESSORIES

SEAT REMOVAL WRENCH — A light-weight universal combination tool is used to remove the main valve components. The bronze alloy seat ring unthreads from the drain ring by engaging the wrench at the bottom of the break coupling.

HOLD DOWN NUT WRENCH — The wrench fits the hold down nut for easy removal.

LUBRICATION — The hydrant features a dual lubrication system. Simply add grease or oil by removing the lubrication bolt on top of the weathershield.

EXTENSION KIT — Contains everything required to extend the stem and barrel. Available in 6" increments.

SAFETY FLANGE REPAIR KIT — Includes safety flanges, stem coupling, pins and clips, flange O-rings, all bolts, nuts, and hardware to repair a hydrant damaged by a traffic accident.

MAIN VALVE SEAT REPAIR KIT — Contains drain valve facings, SS rivets, main valve seat, lock washer, and all required O-rings.

RECOMMENDED SPECIFICATIONS

1. Fire hydrant shall be manufactured in accordance with AWWA standard C502, utilizing dry barrel dry top design.
2. Fire hydrant shall be rated at 250 PSI working pressure and tested to 500 PSI hydrostatic pressure.
3. Fire hydrant shall be of dual lubrication design featuring a lubrication bolt in the top of the weathershield for oil or grease.
4. Fire hydrant shall feature o-ring seals at the bonnet, break line, and elbow.
5. The traffic break coupling shall be comprised of cast iron with the seat wrench mounting-point located on the squared bottom.
6. Break flanges shall be made of cast iron and allow 360 degrees of rotation.
7. The nozzle section and one piece bonnet shall be comprised of cast iron coated in durable polyester powder coat.
8. Nozzles shall be threaded and screwed into the nozzle section and mechanically secured with a set screw.
9. The stand pipe and elbow shall be comprised of ductile iron utilizing stainless steel bolts/nuts below ground level.
10. The upper drain valve shall consist of bronze alloy and contain rubber facings secured in place by stainless steel rivets.
11. The seat ring shall be comprised of bronze alloy and utilize a double O-ring seal.
12. Fire hydrant shall be manufactured with a one piece bottom plate that limits travel in the elbow of the hydrant and is secured in place by a lock washer on the lower stem threading.
13. Fire hydrant shall be the M&H model 129 manufactured by M&H Valve Co.

129 HYDRANT

WHEN PLACING ORDERS OR REQUESTING QUOTES OR SUBMITTALS, PLEASE SUPPLY THE FOLLOWING INFORMATION:

- Quantity of hydrants, accessories, and maintenance kits required
- Size of main valve opening: 5 1/4"
- Size and number of hose nozzles
- Size and number of steamer nozzles
- Hose and pumper nozzle thread specifications
- Type of inlet connection
- Nozzle height to ground line
- Depth of trench or bury
- Direction of opening
- Size and shape of operating nut, weather shield and cap nuts
- Color desired
- Town or municipality



COMMITTED TO ENVIRONMENTAL RESPONSIBILITY

M&H 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.



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POCKET ENGINEER
Available for iOS + Android
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V1.52417