

RECOMMENDED SPECIFICATIONS



F2000 SERIES

1. The wet barrel hydrant head shall be made of copper alloy. It shall be capable of withstanding a hydrostatic test pressure of four times the working water pressure without stressing the material beyond its yield point per Section 3.2.3.2 of AWWA C503-82. Wet barrel fire hydrants shall feature independently valved parts. The working parts shall be engineered to function as a unit and to give trouble-free service over long periods of time.
2. Hydrants shall be designed for working pressure of 200 psi.
3. Length of Bury: The bury shall be specified to the nearest six inches measured from face of the hydrant flange to the center of the connecting pipe. The hydrant body shall be so designed that it may be removed by unbolting from the bury section above the ground line. When specified by the purchaser, the bolts provided shall have a tensile strength less than the shear force required to break the hydrant body.
4. Marking: All hydrants shall be permanently marked to identify the series number of the hydrant, the manufacturer and the year in which the hydrant was manufactured.
5. Testing: Hydrants shall be subjected to a hydrostatic pressure of 400 psi with the whole interior of the hydrant under pressure. Hydrant valves shall be fully opened and closed to ensure full operation.
6. Host Threads: Hose and pumper outlets threads shall be in conformity with "National Standard Fire Hose Coupling Screw Threads," ASA B-26, unless otherwise specified.
7. Protector Caps: Protector caps shall be ABS plastic to meet ASTM D1788, Type 2, Grade 1. They shall be securely chained to the hydrant barrel.
8. Standard nut size of the valve stem and protector caps shall be of pentagonal shape and furnished with a nut of 1 1/8" measured from point to flat of the pentagon. Nut sizes measuring 1 1/2" and 1 3/4" can also be furnished. Copper alloy protector caps can be furnished when specified by the purchaser.
9. Painting: Exterior of hydrant shall receive a two part self primer polyurethane paint (Hydrant Orange Standard) coat unless otherwise specified. A suitable clear sealer in lieu of primer/paint may be specified by the purchaser per Section 4.2.2.2 of AWWA C503-82.
10. Material Specifications: Copper alloy Castings meet or exceed AWWA Standard C503-82 for Grade A and 1 Specifications.
11. Valve Facings: Individual valves of hydrant shall be a urethane polyether compound and cured to a shore durometer hardness of 90; tensile strength 2700 psi; approved by FDA for use with potable water.

12. Bolts and Nuts: Bolts for joining the body to the bury section shall conform to ASTM A307, Grade B.
13. Stem Packing: An O-ring seal of proper design shall be used. O-rings shall be compounded to meet ASTM D2000 and have physical properties suitable for the application.

Hydrant Designation

Model 2010 – 6 x 2 1/2 x 4/6 IPS
 Model 2050 – 6 x 2 1/2 x 4/4 1/2
 Model 2060 – 6 x 2 1/2 x 2 1/2 x 4/4 1/2
 Model 2065 – 6 x 2 1/2 x 4/4 1/2 x 4/4 1/2

800-900 SERIES 6" INLET

1. Hydrant shall be manufactured in accordance with AWWA Standard C503.
2. Hydrant head shall be made of grey cast iron or Ductile Iron, 950/960/965 series, available only in gray cast iron. It shall be capable of withstanding a hydrostatic test pressure of 4 (four) times the working water pressure without stressing the material beyond its yield point for Section 3.2.3.2 of AWWA C503. The 800 Series is offered in DI-900 standard. The 6" Series is CI only. The 980/985 Series is DI only.
3. Wet barrel fire hydrants shall feature independently valved ports. The working parts shall be engineered to function as a unit and to give trouble-free service over 200 PSI working pressure and tested to 400 PSI hydrostatic pressure.
4. All hydrants shall be permanently marked to identify the model number of the hydrant, the manufacturer and the year in which the hydrant was manufactured.
5. Hose and pumper outlets threads shall be in conformance with "National Standard Fire Hose Coupling Screw Threads," ASA B-26, unless otherwise specified.
6. Protector caps shall be grey cast iron unless otherwise specified by the purchaser. They shall be securely chained to the hydrant barrel and furnished (with or without) an inner gasket. Also available in copper alloy and plastic caps.
7. Standard nut size of the valve/stem and protector caps shall be of pentagonal shape and furnished with a nut of 1 1/8" measured from point to flat of the pentagon. Nut sizes measuring 1 1/2" and 1 3/4" can also be furnished when specified by the purchaser.
8. Exterior of hydrants shall receive a two part self primer polyurethane paint (Hydrant Orange Standard) coat. Other finishes and colors may be used if specified by the purchaser.
9. Hydrants shall be manufactured by the Clow Valve Company.

WET BARREL FIRE HYDRANTS



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

- Quantity of hydrants required
- Size and number of hose outlets
- Size and number of pumper outlets
- Type of inlet connection
- Buries and extensions available
- Size of operating pentagon, dummy nut and cap nuts
- Color desired
- Town or municipality
- Flange drilling — 6H, 8H or 6HSD



www.clowvalve.com



1375 Magnolia Avenue • Corona, California 92879
 PHONE 951-735-5555 FAX 951-735-0837

Clow Valve is a division of McWane, Inc.



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.

To learn more about our commitment to the environment, call 800-829-2569.

The only complete line in the industry.

WET BARREL FIRE HYDRANTS



SETTING THE STANDARD FOR FIRE PROTECTION

Clow Model 800, 900 and 2000 series • AWWA C503 • Field serviceable • Available in two or three way models • Removable outlets for easy maintenance

(LBI Models available upon request)



Clow Valve is a division of McWane, Inc.

www.clowvalve.com



For Generations



For Generations



WET BARREL FIRE HYDRANTS

THE ONLY COMPLETE LINE IN THE INDUSTRY

Wet barrel hydrants serve a unique place in the overall hydrant market — and only Clow Valve brings you a complete line of two- and three-outlet wet barrel hydrants. Regardless of your wet barrel hydrant needs, there's a Clow wet barrel hydrant to meet them.

MAINTENANCE

Extraordinary steps are taken in both the design and manufacturing process to ensure that Clow wet barrel hydrants can be routinely serviced and repaired easily. All hydrants have removable outlets for easy maintenance and are built from the highest-quality materials.

10-YEAR LIMITED WARRANTY

Clow wet barrel hydrants carry industry-best 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).

Our ULFM hydrants are 850, 860 and 980. Our UL only hydrants are 950, 960 and 985. Our FM only hydrants are 2050 and 2060.

www.clowvalve.com

MODELS

CLOW WET BARREL FIRE HYDRANTS ARE ENGINEERED TO EXCEED INDUSTRY AND OPERATOR EXPECTATIONS FOR PERFORMANCE, DURABILITY AND RELIABILITY.



Clow Model #2010, 2050,
2060, 2065



Clow Model #980, 985
8" Inlet Only



Clow Model #950, 960



Clow Model #810, 850,
860, 865



Clow Model #74, 75, 76



Clow Model #92, 94 LoSil



Break-off Check Valve
Clow Model #400A



Clow Model #5

- All fire hydrants meet or exceed AWWA C503
- All fire hydrants have removable outlets for ease of maintenance
- Field serviceable
- Interior coating on all iron fire hydrants meet AWWA C550 for epoxy coating
- Hydrants available in two or three way models
- Iron, plastic or copper alloy caps available – 1 1/8" – 1 1/2" – 1 3/4" Point to flat pentagon size
- National standard threads per National Fire Protection Association (NFPA)
- Clow hydrants 200 PSI WWP – 400 test
- O-ring seals

CLOW
VALVE CO.

THE ONLY COMPLETE LINE IN THE INDUSTRY.