

# JONES® WET BARREL FIRE HYDRANTS

The most complete selection  
of wet barrel hydrants, hydrant  
valves and hydrant tools.

**JONES**

# Bronze wet barrel fire hydrants – Jones is the leader.

With over 100 years of experience on the west coast – the heart of the wet barrel market – Jones is the innovator in the bronze wet barrel hydrant industry. With our product quality, design engineering and level of customer service, Jones is renowned as the manufacturer of the world's finest bronze wet barrel fire hydrants. Ideal for moderate climates, our wet barrel hydrants are reliable, easy to use and aesthetically pleasing.

## Features:

- Meet requirements of AWWA-C503.
- All-bronze hydrant heads and spools cast as separate parts.
- O-ring gasket provides a positive seal at joint of spool and hydrant head.
- Each nozzle operates independently.
- Limited number of internal parts.
- Quick activation of stem movement.
- Heavy-duty disc holder rotates independently on stem to avoid valve wear, ease operation.
- Hydrostatically tested at 400 psig.
- Low-zinc silicon bronze stem.
- Choice of fluted or straight spool.
- Two O-ring seals on stem insert.
- Hydrants available with field-replaceable nozzles.
- Removable outlet threads for easy access to disc holder and stem.
- Bronze and cast iron hydrants have interchangeable parts.
- Clean aesthetic lines.

## Our J3700 Series includes a style for any application.

The number of options and combinations provides just about any configuration of bronze wet barrel fire hydrant needed.

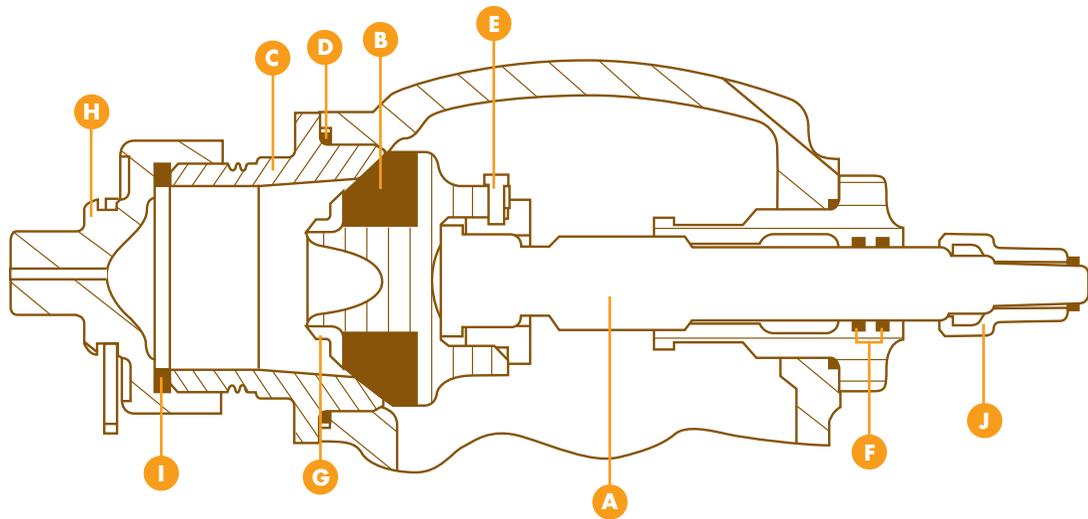
- Heads are available separately, or in combination with a choice of fluted or straight spools in 6- or 8-bolt patterns.
- Two-way and three-way hydrants allow many different combinations of 2-1/2" firehose and 4" or 4-1/2" steamer nozzles.
- Domed, threaded tops available.
- Plastic or bronze nozzle caps.
- Non-kinking chains.



Refer to our catalog or visit us on the web at [www.jamesjones.com](http://www.jamesjones.com) for the full selection of J3700 Series wet barrel fire hydrants.

## Jones® fire hydrant valving offers superior features.

In wet barrel hydrants, valving makes the big difference in quality. Jones® hydrants are the standard of the industry.



- A** Heavy-duty silicon bronze blow-out proof stem provides long life and corrosion resistance. All stems are polished to provide smooth operation.
- B** One of the industry's largest volume rubber seats and extra-wide contact area provide long-term service, even after minor damage from debris.
- C** Models with removable bronze nozzles, makes servicing quick and easy.
- D** O-ring design assures seal without leakage and easy installation.
- E** Disc holder assembly has a stainless steel set screw to prevent separation from stem. The rubber seat is permanently pinned in place for a tamper-proof assembly.
- F** Dual Buna-N O-rings provide both smooth operation and leak-free stem seal.
- G** Disc retaining nut is pinned for tamper-resistant security.
- H** Caps are available in plastic, bronze or iron with 1-1/8", 1-1/2" or 1-3/4" operating nuts. All caps are drilled to prevent water pressure build-up.
- I** Rubber gasket prevents caps from "seizing" to the nozzle.
- J** Pentagon operation nuts, available in 1-1/8", 1-1/2" or 1-3/4" sizes.



## Iron fire hydrants – performance you can trust.

With Jones, all the proven internal performance features you have come to know in our bronze hydrant are transferred to an iron body through the use of interchangeable parts, reducing the need for large parts inventories. This dependable hydrant offers excellent flow characteristics and serviceability. And the weight of the Jones® iron hydrant does not require a lifting device.

### Jones® Iron Residential Hydrant

- The first UL listed and FM approved two-way wet barrel hydrant.

### Jones® Iron Commercial Hydrant

- The larger, three-outlet UL/FM commercial hydrant offers the same features as the residential hydrant.



**Residential 2-way hydrant**

2-1/2" x 4-1/2"



**Commercial 3-way hydrant**

2-1/2" x 2-1/2" x 4-1/2"\*

\*Also available as 2-1/2" x 4-1/2" x 4-1/2"

## Detect damage and halt water flow loss with the Jones® Tell-Tail™ Break-off Hydrant

The Tell-Tail Break-off Hydrant is a unique wet barrel hydrant innovation. When a wet barrel hydrant is hit and broken off, the Tell-Tail check valve completely shuts, preventing the loss of water and water pressure. In addition, it provides a visible "tell-tail" low-volume stream of water to indicate that the hydrant has been damaged, yet does not present a serious loss of water or cause damage.

### Additional features:

- Minimizes water hammer.
- Smooth flow characteristics minimize pressure loss.
- Heavy bronze check valve construction.
- Easy-to-reset design (no springs).
- Easy to extend for grading adjustments.
- Adapts to all current and past Jones® hydrant designs.
- Ductile iron, bronze and stainless steel construction.



# Jones® hydrant options and tools

## Auxiliary valve options – allow versatile hydrant usage.

- fire plug valves
- angle fire plug valves
- extension nipple
- high pressure, angle fire plug valves

## Plastic hose caps

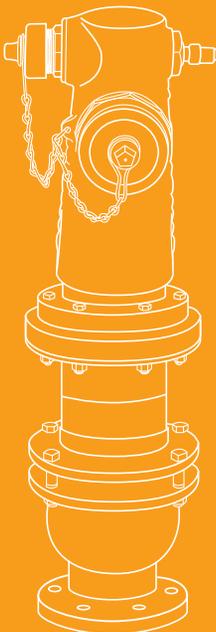
- tapered with drilled hole
- tapered with chain ring
- tapered with chain ring and chain

## Hydrant wrenches – a type for every need.

- one pentagon hole for 1-1/2", 2", 2-1/2" couplings
- four pentagon holes for 2-1/2" coupling
- five pentagon holes for 2-1/2" coupling
- adjustable, with brass-plated steel handle

## Here's how the Jones® Tell-Tail™ Break-off Hydrant works:

- 1 When the hydrant is hit, the safety flange breaks, releasing hydrant from check valve.



- 2 Hydrant and adapter plate are released from lower barrel, and check valve begins to close.



- 3 Valve shuts completely and, working with water pressure, stays closed. "Through-hole" in operating rod minimizes water hammer while providing a visual notification of damage.



# JONES

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All products must be installed and maintained in accordance with applicable instructions and/or standards.

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