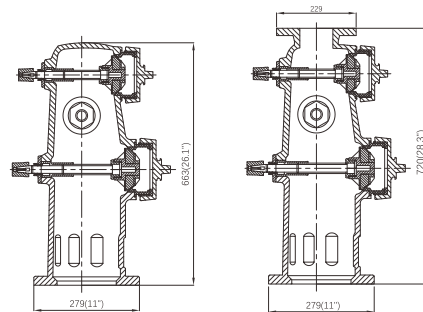


American wet barrel fire hydrant

Wet barrel hydrant is used in areas where the climate is mild and no danger of freezing weather. It has outlets equipped with an individual valve and the hydrant interior always has pressurized water.



- Certificate: UL Listed / FM Approved
- Standard: UL 246, FM1511, AWWA C503
- Connection: Base flange as B16.1 Class 125, B16.5 Class 150, B16.42 Class 150, EN1092-2 PN16
- W. pressure: 250 psi / 300 psi
- Temperature: -10°C to 80°C
- Surface: FBE coating AWWA C550



Main parts and material

| | | | |
|-------------------|-------------------------------------|------------------------------------|---|
| Body | Ductile iron as ASTM A536, 65-45-12 | Hose nozzle / pumper nozzle | Bronze as ASTM B62 C83600, with cast iron cap |
| Valve disc | Bronze encapsulated with NBR | Valve stem | SS304 / bronze as ASTM B62 C83600 |

Available size (Source 1 with UL/FM)

| Inlet size | Way of outlet | Inlet type | Hose outlet | Pumper outlet | Monitor flange | Working pressure (psi) | Ref. No. |
|------------|---------------|------------|---------------|---------------|----------------|------------------------|----------------|
| 6" | 2-way | Flange | (2) 2-1/2" NH | / | / | 250 | F0101 (UL/FM) |
| 6" | 2-way | Flange | (2) 2-1/2" NH | / | 3" or 4" | 250 | F0102 (UL/FM)* |
| 6" | 2-way | Flange | (1) 2-1/2" NH | (1) 4" NH | / | 250 | F0103 (UL/FM) |
| 6" | 2-way | Flange | (1) 2-1/2" NH | (1) 4" NH | 3" or 4" | 250 | F0104 (UL/FM)* |
| 6" | 2-way | Flange | (1) 2-1/2" NH | (1) 4-1/2" NH | / | 250 | F0105 (UL) |
| 6" | 2-way | Flange | (1) 2-1/2" NH | (1) 4-1/2" NH | 3" or 4" | 250 | F0106 (UL) |
| 6" | 2-way | Flange | (1) 2-1/2" NH | (1) 5" Storz | / | 250 | F0107 (UL) |
| 6" | 2-way | Flange | (1) 2-1/2" NH | (1) 5" Storz | 3" or 4" | 250 | F0108 (UL) |

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Available size (Source 1 with UL/FM)

| Inlet size | Way of outlet | Inlet type | Hose outlet | Pumper outlet | Monitor flange | Working pressure (psi) | Ref. No. |
|------------|---------------|------------|---------------|---------------|----------------|------------------------|----------------|
| 6" | 3-way | Flange | (2) 2-1/2" NH | (1) 4" NH | / | 250 | F0109 (UL/FM) |
| 6" | 3-way | Flange | (2) 2-1/2" NH | (1) 4" NH | 3" or 4" | 250 | F0110 (UL/FM)* |
| 6" | 3-way | Flange | (2) 2-1/2" NH | (1) 4-1/2" NH | / | 250 | F0111 (UL/FM) |
| 6" | 3-way | Flange | (2) 2-1/2" NH | (1) 4-1/2" NH | 3" or 4" | 250 | F0112 (UL/FM)* |
| 6" | 3-way | Flange | (2) 2-1/2" NH | (1) 5" NH | / | 250 | F0113 (FM) |
| 6" | 3-way | Flange | (2) 2-1/2" NH | (1) 5" NH | 4" | 250 | F0114 (FM) |
| 6" | 3-way | Flange | (2) 2-1/2" NH | (1) 5" Storz | / | 250 | F0115 (UL/FM) |
| 6" | 3-way | Flange | (2) 2-1/2" NH | (1) 5" Storz | 3" or 4" | 250 | F0116 (UL/FM)* |

Note:

1. The inlet base flange is available with ANSI B16.1 Class 125.
2. It may incorporate a 3" or 4" monitor flange (ASME B16.1 Class 125) on the top of the hydrant, so to connect additional fire monitor.
3. * For fire hydrant with 3" monitor flange, it is only UL listed, no UL/FM.
4. It is equipped with an exclusive fire hydrant wrench, see TPMC Ref. No. F6851.

Available size (Source 2 with UL/FM)

| Inlet size | Way of outlet | Inlet type | Hose outlet | Pumper outlet | Monitor flange | Working pressure (psi) | Ref. No. |
|------------|---------------|------------|---------------|---------------|----------------|------------------------|---------------|
| 6" | 3-way | Flange | (2) 2-1/2" NH | (1) 4" NH | / | 250 | F0131 (UL) |
| 6" | 3-way | Flange | (2) 2-1/2" NH | (1) 4" NH | 4" | 250 | F0132 (UL) |
| 6" | 3-way | Flange | (2) 2-1/2" NH | (1) 4-1/2" NH | / | 250 | F0133 (UL/FM) |
| 6" | 3-way | Flange | (2) 2-1/2" NH | (1) 4-1/2" NH | 4" | 250 | F0134 (UL) |

Note:

1. The inlet base flange is available with ANSI B16.5 Class 150, or EN 1092 PN 16 (BS 4504 / DIN 2501, PN 16).
2. It may incorporate a 4" monitor flange (ASTM B16.5 Class 150 / DIN 2501, PN16), so to connect additional fire monitor.
3. It is equipped with an exclusive fire hydrant wrench, See TPMC Ref. No. F6852.

Available size (Source 3 with UL/FM)

| Inlet size | Way of outlet | Inlet type | Hose outlet | Pumper outlet | Monitor flange | Working pressure (psi) | Ref. No. |
|------------|---------------|------------|---------------|---------------|----------------|------------------------|---------------|
| 6" | 3-way | Flange | (2) 2-1/2" NH | (1) 4-1/2" NH | / | 300 | F0141 (UL/FM) |
| 6" | 3-way | Flange | (2) 2-1/2" NH | (1) 4" NH | / | 300 | F0142 (UL/FM) |
| 6" | 3-way | Flange | (2) 2-1/2" NH | (1) 5" NH | / | 300 | F0143 (UL/FM) |

Note:

1. The inlet base flange is available with ANSI B16.42 Class 150.
2. The hose outlet and pump outlet are available with British standard threaded nozzles.
3. It is equipped with an exclusive fire hydrant wrench, See TPMC Ref. No. F6851.