

# Industrial Monitor

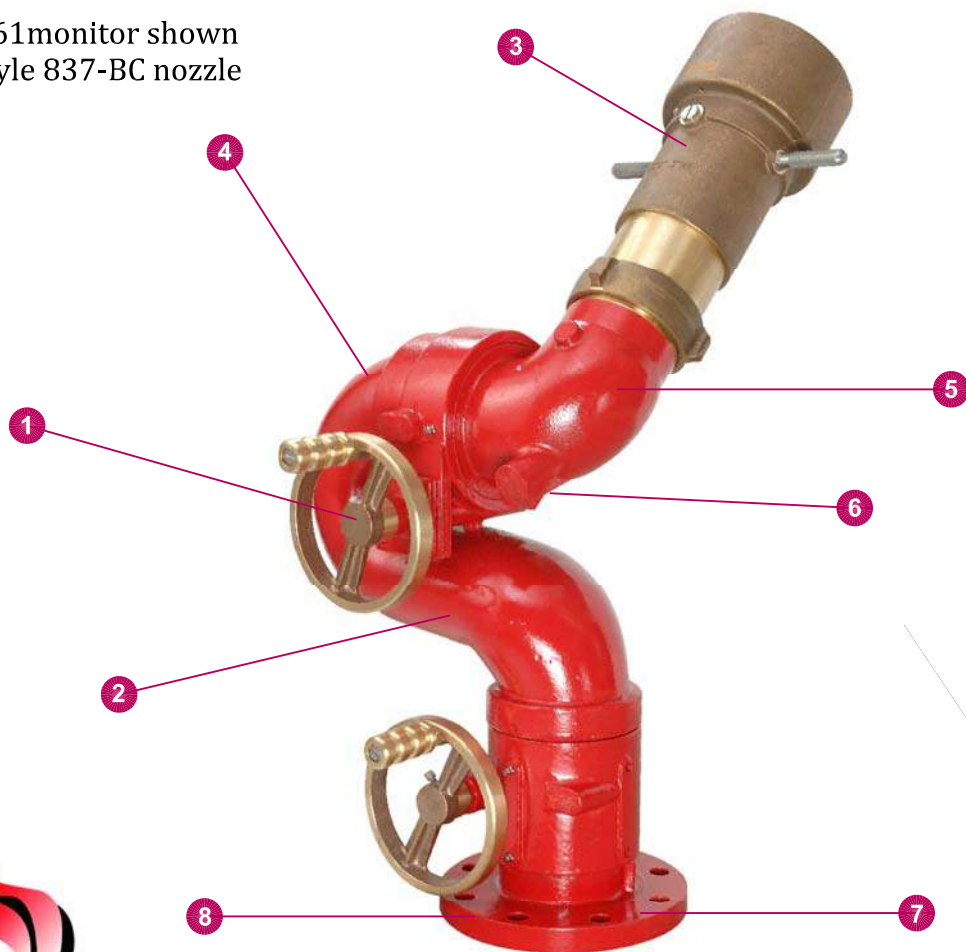


## Style 661

### Unique Features of Protek Industrial Monitors

- ① Powder coating produces a tough, corrosion resistant finish
- ② Major components made from brass alloy (UNS C83600, ASTM B62) for a long-lasting service life
- ③ Compatible with Protek's diverse range of monitor nozzles and smooth bore tips for various applications
- ④ Flow turning vanes in each elbow efficiently reduce friction
- ⑤ Double-row stainless steel ball bearings in monitor joints ensure smooth movements even when the monitor is under pressure
- ⑥ Fully enclosed worm gear is protected from the elements
- ⑦ Optional flanges : ANSI, ASA, DIN or ISO
- ⑧ Each monitor is uniquely numbered to aid identification and track manufacturing date and effective warranty period

Style 661 monitor shown with Style 837-BC nozzle



# Industrial Monitor



## Style 661

- Corrosion resistant cast brass construction ideal for marine, offshore, industrial and other corrosive environments
- Full 4" waterway for flow rate of up to 2000 GPM (7570 LPM)
- Cast-in turning vanes for efficient flow
- Full 360° rotation
- Vertical travel of 135° from 90° above to 45° below horizontal
- Vertical and horizontal travel are controlled by hand wheels with worm gears
- Fully enclosed worm gears are protected from the elements
- Double-row stainless steel ball bearings in all rotational joints
- Compact design and low profile
- Rugged and flow-efficient monitor with high reliability and minimal maintenance
- Compatible with Protek's diverse range of monitor nozzles for various applications

### Specification

| Style 661      |      |                                      |    |
|----------------|------|--------------------------------------|----|
| Max. GPM (LPM) |      | 2000 (7570)                          |    |
| Inlet          | Size | 4"                                   | 6" |
|                | Type | Flange                               |    |
| Outlet         |      | 3-1/2"                               |    |
| Control        |      | Dual Hand-Wheel                      |    |
| Material       |      | Brass                                |    |
| Finish         |      | Red Powder Coating                   |    |
| Friction Loss  |      | 38 psi at 2000 gpm                   |    |
|                |      | 15 psi at 1200 gpm                   |    |
| Travel         |      | 135° Vertical                        |    |
|                |      | 360° Rotation                        |    |
| Weight         |      | 108 lbs. (49 kg) to 121 lbs. (55 kg) |    |

### Compatible Products



837-BC  
Monitor Nozzle



833  
Automatic Nozzle



121  
Quad Stacked Tips



109  
Stream Shaper

