

Ordering Fire Hydrants



by Dan Tousley,
Circuit Rider III

When ordering fire hydrants here are some things to consider and specify:

- Quantity (they're not getting any cheaper, quantity discount?)
- Manufacturer (I'd have two.)
- Ease of Maintenance
- Direction to open (Left – Counter Clockwise most common, Right – Clockwise)
- Operating Nut (Size and shape. Square, Pentagon – most common, Hexagon, Triangle, Octagon. Square, Hex, and Octagon are measured flat to flat; Pent and Triangle are measured point to flat.)
- Nozzle configuration (Two Hose – common reference = 'Two Way', Two Hose and One Pumper or 'Steamer' – common reference = 'Three Way')
- Nozzle Threading (N.S.T. – National Standard Thread – most common, Special Threading [Yes, it STILL happens] – specify O.D. x T.P.I. {threads

per inch}, any variation between hose and pumper threading?)

- Nozzle Cap Chains Required
- Traffic Collision Provision (Traffic Flange)
- Depth of Trench (CRITICAL, be certain you understand how to order! See page 23 of the Winter 2007/08 'Aquafacts' or call me!)
- Base (or 'Shoe') Connection (Pipe size, Type of Connection – Tyton or Bell, M.J., Grip, A.C., Flanged, Other. Shoe direction [hydrant between main and street?])
- Main Valve Size (5 ¼" most common)
- UL Listed, FM Approved
- Color (Special paint, bonnet or cap colors)
- Stainless Steel Trim (Nuts and Bolts)
- Other requirements?

There you have it,
C.R. Dan 💧