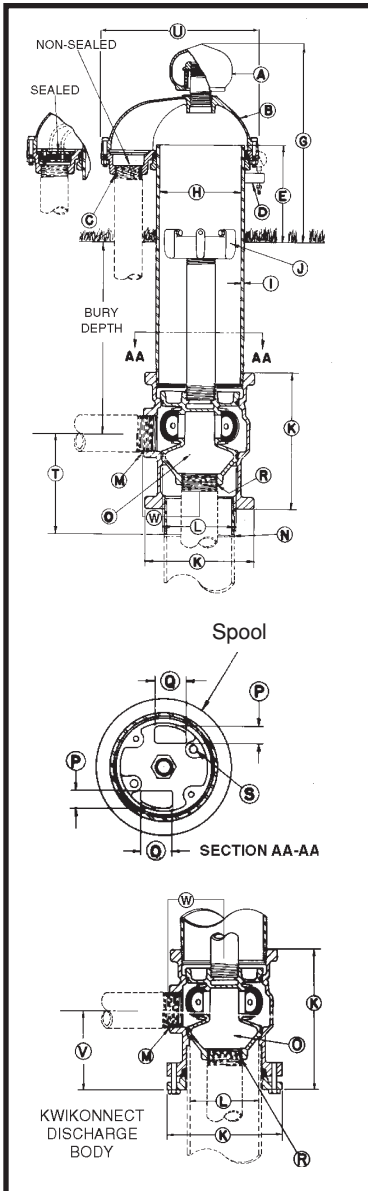


# 8" I.D. STANDARD INDUSTRIAL SPECIFICATIONS



- A Screened Well Vent tap size: .....2-1/2" NPT
- B Seal Cap: *The Watertight cap bolts to a compression seal ring securing around the pitless case and comes with the screened well vent installed.*
- C Conduit Tapping size: .....3" NPT  
*Watertight conduit seals for most common cable sizes are available for watertight cap.*
- D Depth Tester Tapping: .....1/4" NPT
- E Distance from ground level to top of Pitless Case: .....12"
- G Distance from ground level to top of  
Screened Well Vent: .....25-5/16"
- H Pitless Case I.D. size: .....10"
- I Pitless Case wall thickness: .....3/65"
- J "Hold-Down" - "Lift-Out" Mechanism  
*Three set screws in a spider atop the "Hold-Down" - "Lift-Out" pipe brace against the interior of the pitless casing, locking the spool in place.*  
Hold-Down, Lift-Out pipe size (Schedule 80): .....3" NPT  
Designed "Lift-Out" Mechanism load: .....30,000 lbs.
- DISCHARGE BODY - WELDED**
- K Discharge Body outside diameter: .....13-1/2"
- K Discharge Body length: .....15-11/16"  
8 inch pipe extends from bottom of discharge body .....5"
- DISCHARGE BODY - KWIKONNECT**
- K Discharge Body outside diameter: .....13.197"
- K Discharge Body length: .....15-1/2"
- L Pitless Unit minimum inside diameter: .....9-1/8"
- M Discharge Connection Tapping size: .....4" NPT
- N Pitless Unit to well casing connection I.D.: .....8" Weld
- O SPOOL ASSEMBLY**
- Spool Design Load: .....30,000 lbs.
- P **MOTOR CABLE PASSAGES THROUGH SPOOL** .....1-3/4"  
Will clear rigid rod parallel to casing .....1.49"
- Q .....3-3/8"
- R Spool to Drop Pipe Connection: .....4" NPT
- S Pressure zone tapping: 3/8" NPT: .....(2) available
- T Dimension from center of discharge outlet  
to bottom of weld nipple: .....12"
- U Overall length of seal cap: .....18-1/2"
- V Dimension from center of discharge to  
bottom of discharge body: .....10-1/2"
- W Dimension from center of well casing to  
end of discharge outlet: .....6-15/16"

*Specifications are Subject to Change Without Notice.*

## COMPONENT MATERIALS

- Well Vent - cast iron, green enamel finish.
- Cap & Conduit Box - cast iron, green enamel finish.
- Hold-Down Spider - cast iron, green enamel finish.
- Hold-Down Pipe-3" - steel Sch. 80, black.
- Pitless Case - steel, black.
- Spool - ductile iron, lead-free galvanized.
- Discharge Body - ductile iron, lead-free galvanized.
- Check Valve Body & Arms - brass.
- Check Valve Seat - Brass.
- Check Valve Spring - Monel.
- Compression Seal Ring & Check Valve Facing - Neoprene.
- Electrical Conduit Cable Seal - Neoprene.
- Maximum Rated Discharge Pressure - 300PSI

\*For Flowing Well spool concept, see Booster Station section.

\*Optional flange, weld or mechanical joint available upon request.

**Note: Pitless units conform to the Recommended Standards for Water works, Great Lakes Upper Mississippi River Board of State Public Health & Environmental Managers and Water Systems Council PAS-97 (04) Standards.**