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FEATURES of SNAPPY® AND BULLDOG® PITLESS ADAPTERS

In a Snappy® or Bulldog® submersible pump installation, an excavation is made around the well casing and a hole is cut in the casing below the frostline. The Snappy or Bulldog casing fitting is then attached to the casing around the hole to provide a sanitary water service connection. The pump, suspended from the drop pipe fitting and is lowered into the well with the neck of the drop pipe fitting pointed toward the casing fitting. When the neck reaches the level of the casing fitting, the actuator automatically inserts the neck with an O-ring seal into a socket in the casing fitting and locks it there thus providing both a support for drop pipe and pump within the well and a fluid tight conduit between the drop pipe and the discharge pipe. To remove the pump, the drop pipe fitting is first supported with a hoist. Then the neck of the drop pipe fitting is unlocked and withdrawn from the socket by a manual pull on the control cable thus releasing the drop pipe fitting from the casing fitting so that the pump can be lifted out with the hoist.

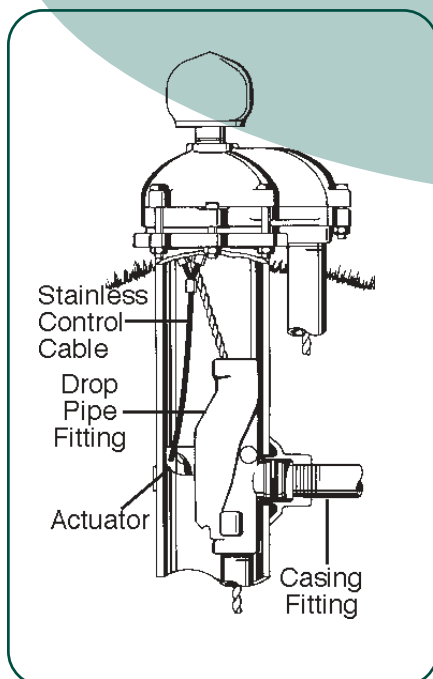
The Snappy is manufactured from lead-free galvanized cast iron and the Bulldog from brass. Snappy and Bulldog pitless adapters are certified under the standards of the Pitless Adapter Division of the Water Systems Council (PAS-I). Snappy pitless adapters are available for well sizes from 4 to 6 inches I.D. Bulldog pitless adapters are available for well sizes 4", 5" and 6 1/4" I.D. Both are for drop and discharge pipe sizes of 1 and 1-1/4 inches. **Conforms to Water System Council PAS-97(04) Standards.**

ECONOMICAL . . .Regular well casing is used all the way. Extra cost of larger upper well casing used with spool-type units and expensive pit or well house construction are eliminated.

FROSTPROOF . . . No heating required. All water passages are buried below the frostline.

SANITARY . . .No heated pump house or well pit is needed.

PUMP IS EASILY SET . . . by simply lowering pump into well suspended from drop pipe fitting with neck of the latter pointed in the casing fitting direction.



PUMP IS EASILY PULLED . . . by first supporting drop pipe with hoist, and then pulling control cable to free pump.

CORROSION PROTECTION . . . The Snappy Clamp-on casing fittings are lead-free galvanized gray iron and ductile iron respectively. All parts within the well casing are either hot-dipped galvanized or constructed of corrosion resistant materials. All cast parts of the Bulldog pitless adapter are of high quality cast brass and conform to ASTM B584 specifications. Remaining parts are of 304 stainless steel or other corrosion resistant material. Springs are of phosphor bronze, O-rings are neoprene.

FULL CASING OPENING . . . provided by Snappy when pump is removed facilitates well and pump service, is often required by well codes and ordinarily necessary where a well screen is used.

MONITOR® AT-THE-WELL PITLESS ACCESSORIES. . . Allows for the pressure switch to be located in the well casing. For a description of the Monitor At-The-Well Control and ordering information, check the At-the-Well section of this catalog.

NOTE: Improper chlorination can lead to corrosion problem.
SNAPPY AND BULLDOG ADAPTERS WILL SUPPORT 1,000 LBS. PRESSURE RATED AT 250 PSI.

**Conforms to Water System
Council PAS-97(04) Standards**



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