



HUSKY PITLESS UNIT

Installation Instructions

To Install Husky Pitless Unit:

1. Establish ground level at well location. It is desirable to have ground slope away in all directions.
2. In order to perform installation you must excavate around the casing per your governing OSHA or State regulation for Trenching and Excavating. The OSHA regulation is 1926.650-652 Trenching and Excavating. Contact your local officials for state regulations.
3. Determine the necessary amount of casing to cut off. Reference your state well code for guidance. Most states require the well casing to extend at least 12" above grade.
4. Cut off the well casing perpendicular to the well casing centerline.
5. Attach proper coupling to casing for pitless unit installation.
6. Prepare Husky Pitless Unit for installation by removing lid of well cap and inner drop fitting assembly. The inner drop fitting assembly consists of support plate, support rods, actuator rod, actuator, and brass discharge fitting factory assembled as a unit. To remove inner drop fitting assembly, lift actuator rod to disengage and rest actuator rod end in dimple located on support plate. With actuator rod safely engaged in support plate dimple, the inner assembly will easily slide out of pitless case.
7. Lower the pitless case into place and rotate the discharge outlet to the desired location. NOTE: this joint must be water-tight and it is essential that the center line of the pitless unit case and well casing be the same.
8. To install pump, assemble and lower the drop pipe starting with the pump and stopping with the drop pipe supported just

above the well casing. Coat the Neoprene "O" ring located on the discharge fitting snout with clean NSF approved Petroleum Jelly. Securely supported by pump hoist, screw drop pipe into bottom of inner drop fitting assembly and slowly lower into the pitless unit case.

9. To properly align inner drop fitting assembly within the pitless unit case, the alignment tab, located on the bottom side of support plate, should rest within the alignment notch located on top of pitless unit case.
10. Release the actuator rod to engage the inner drop fitting assembly discharge snout into the stainless steel discharge receiver. Push down on the actuator rod to ensure proper engagement.
11. To complete the well, connect the discharge outlet to the water system, complete the wiring, and cap the well. Allow the water system to run a sufficient length of time to ensure there are no leaks.
12. Carefully backfill around pitless unit.

To Pull The Pump Supported By Husky Pitless Unit:

1. Disconnect power to the well and remove the upper part of well cap.
2. Screw 1" pull pipe into support plate and attach to a hoist.
3. Disengage inner drop fitting assembly by lifting up on actuator rod and resting end in dimple located on support plate.
4. The inner drop fitting assembly, along with drop pipe and pump, may now be slowly withdrawn from the well. **WARNING:** Failure to properly support inner drop fitting assembly, drop pipe, and pump may result in loss of drop pipe and pump and/or serious injury.

Note: Improper Chlorination can lead to corrosion problems.



Monitor[®]
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