# PRC-91
# Product Recovery Canister

## Instruction Manual

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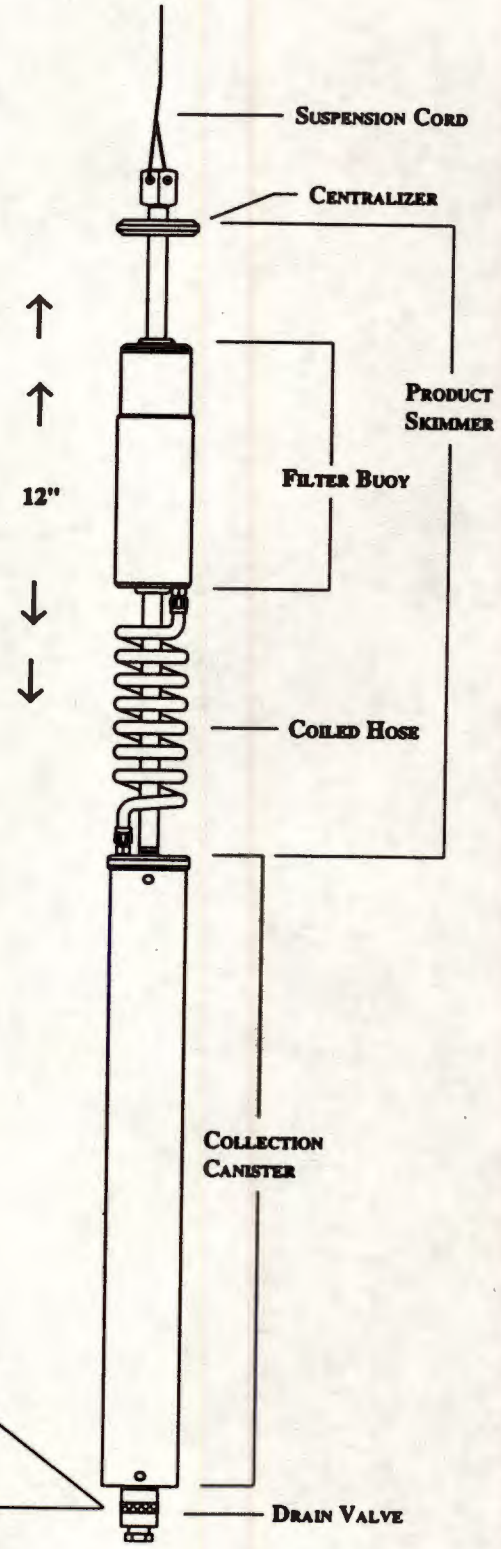
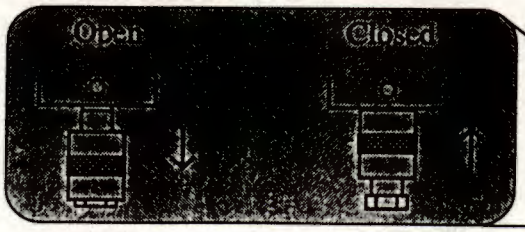
## 2" MODEL

The Keck Canister is a passive, floating skimmer device designed to separate and recover light hydrocarbons (such as gasoline and diesel fuel) from the ground water in 2 inch and larger wells. Featuring a floating hydrophobic filter buoy, the Keck Canister will automatically collect floating product down to a sheen. The skimmer features over 12 inches of travel to accommodate water level fluctuations and placement of the Canister in the well. The Keck Canister is suspended in the well by the supplied Teflon coated stainless steel suspension cord.




# SYSTEM COMPONENTS

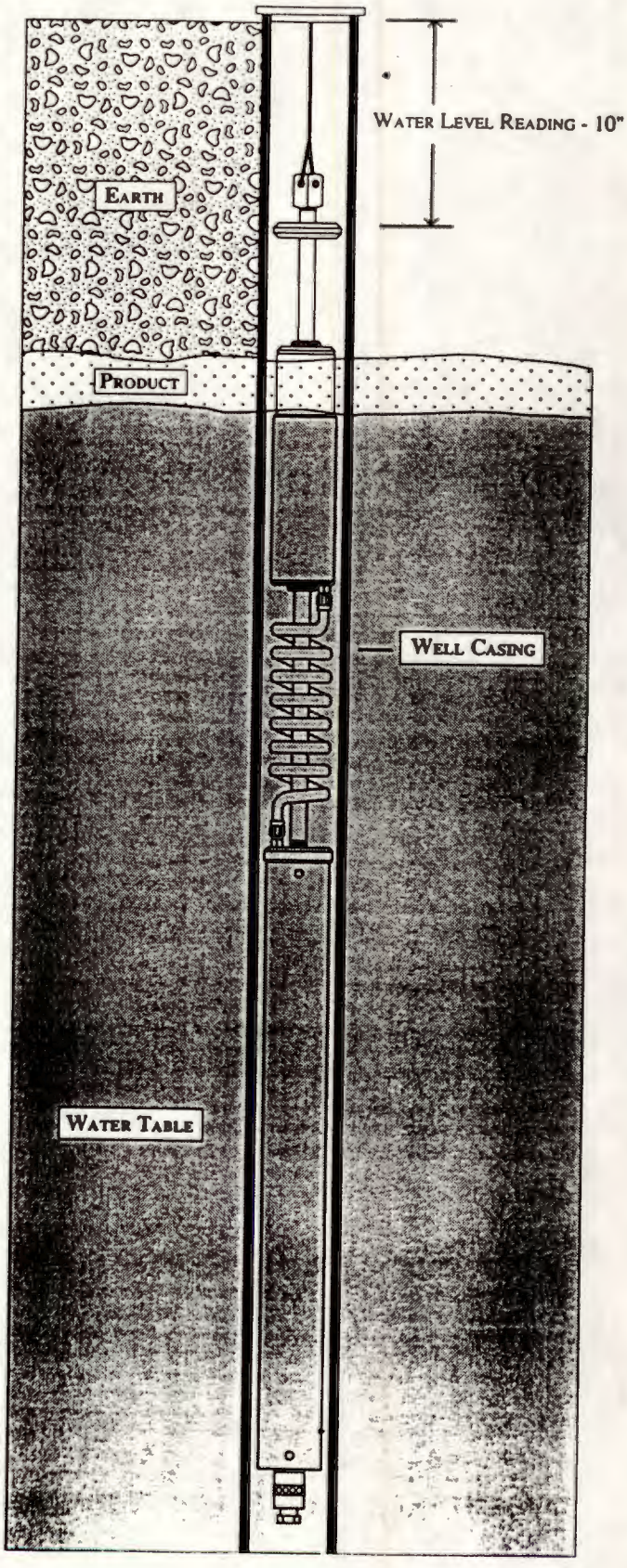
The Keck Canister consists of two major components; a product skimmer and a collection canister. The skimmer section collects free product and passes it through a coiled hose to the collection canister. Product is evacuated by removing the Canister from the well and opening the drain on the bottom of the device.



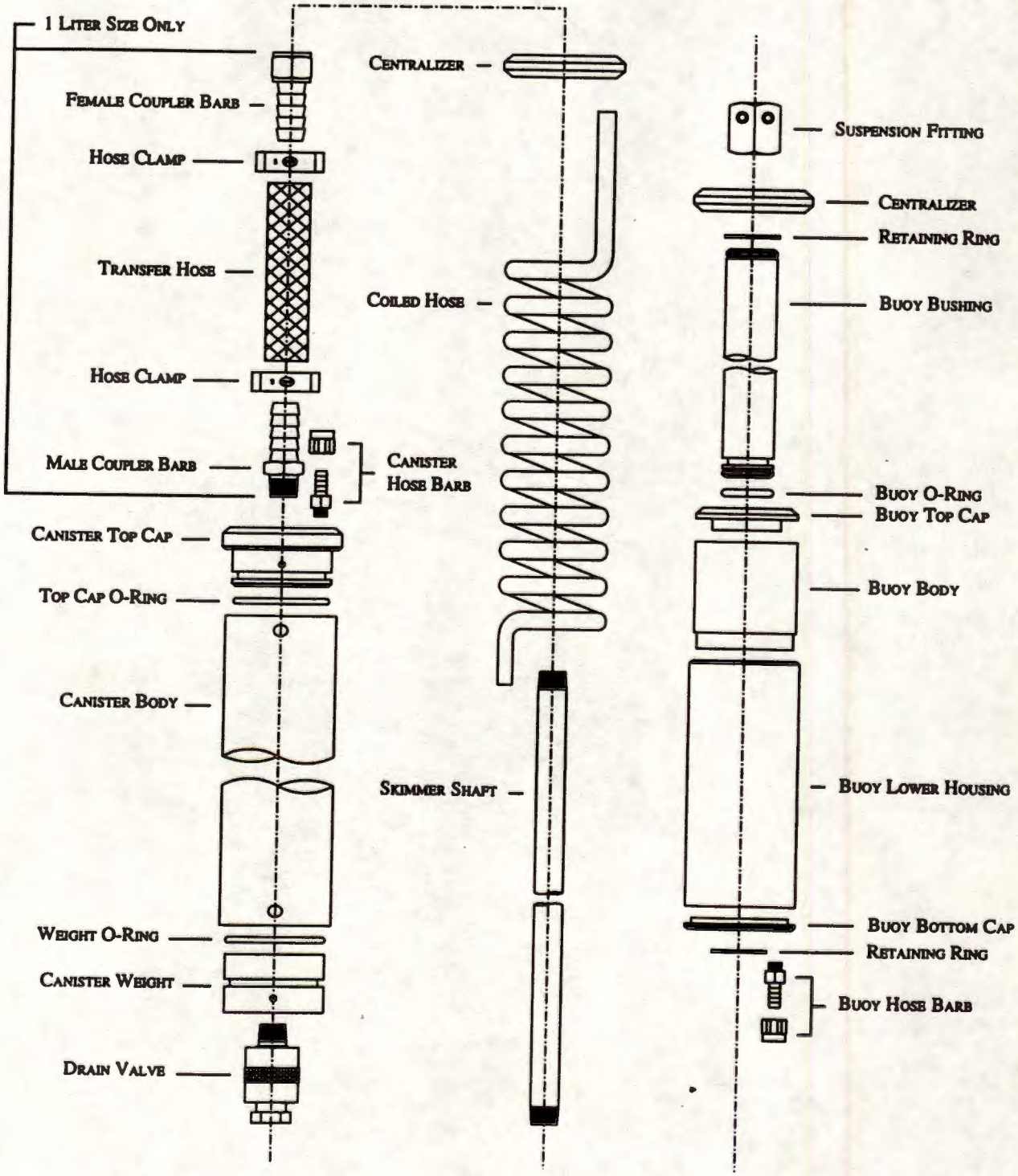
# INSTALLATION PROCEDURE

To install the Keck Canister, first take water and product level readings. Remove the protective wrap from the white portion of the skimmer buoy. Typically, the Canister is set up so that the skimmer buoy is placed at the midpoint of its travel to allow for water table fluctuation in both directions. To set the Canister at the midpoint of travel, measure from the top centralizer on the skimmer, along the suspension cord the same distance as your water water level reading, less 10 inches. Suspend the Canister at the well head at this point. To empty the Canister, simply pull it from the well, open the drain valve and transfer the recovered product into an approved container.

When re-installing, verify that the Canister is set within its range of travel, and that the drain valve is completely closed to avoid the possibility of water entering the Canister.



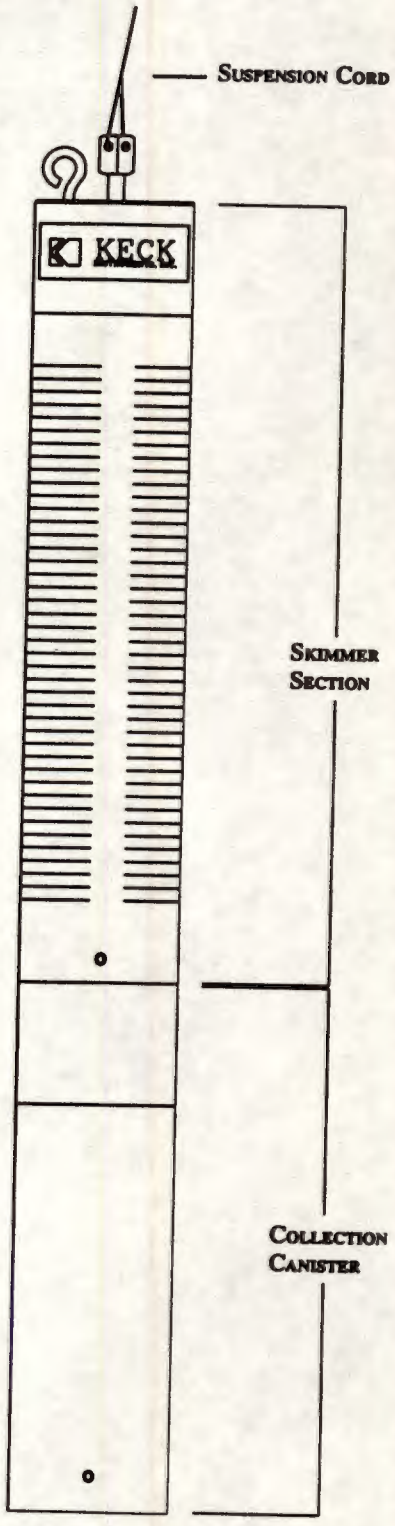
# PARTS LIST
## 2" MODEL



# INTRODUCTION

## 4" MODEL

The Keck Canister is a passive, floating skimmer device designed to separate and recover light hydrocarbons (such as gasoline and diesel fuel) from the ground water in 4 inch and larger wells. Featuring a floating hydrophobic filter buoy, the Keck Canister will automatically collect floating product down to a sheen. The skimmer features over 15 inches of travel to accommodate water level fluctuations and placement of the Canister in the well. The Keck Canister is suspended in the well by the supplied Teflon coated stainless steel suspension cord.



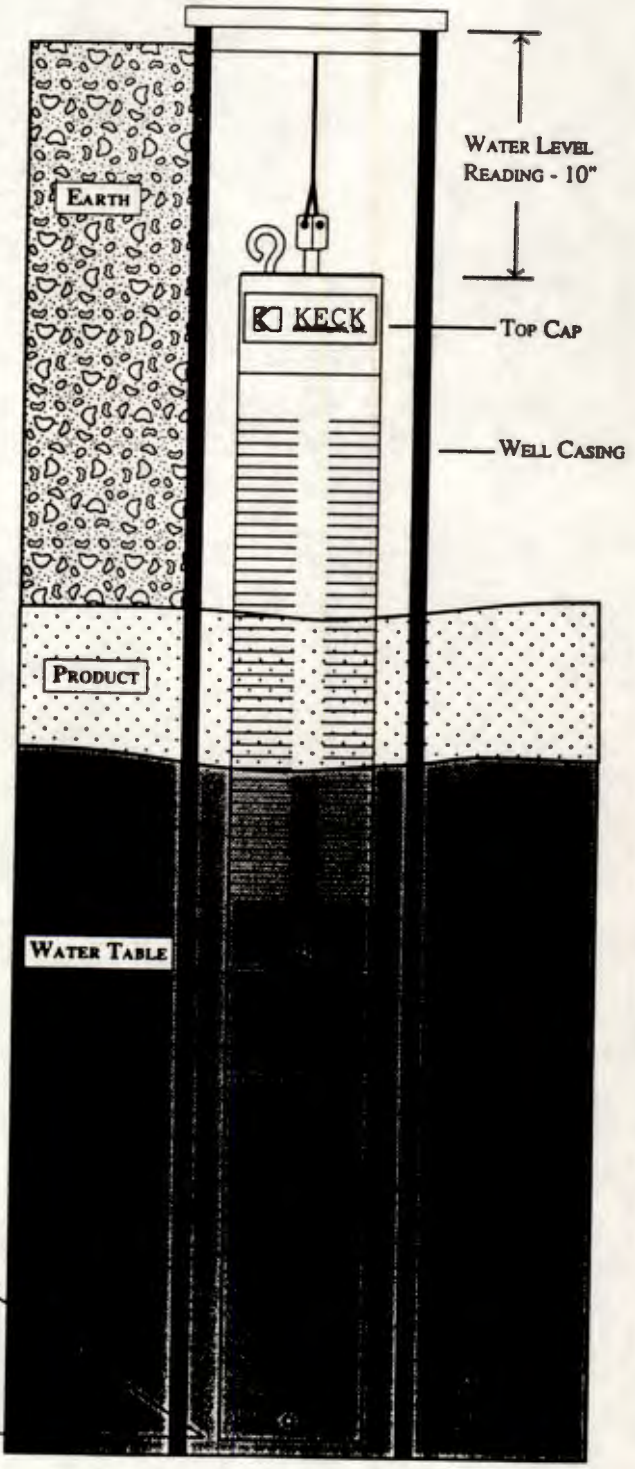

# SYSTEM COMPONENTS

The Keck Canister consists of two major components; a product skimmer and a collection canister. The skimmer section is protected by a slotted screen which pre-filters the incoming product and protects the skimmer buoy from damage. The skimmer section collects free product and passes it through a coiled hose to the collection canister. Product is evacuated by removing the Keck Canister from the well and opening the drain on the bottom of the device. Greater capacity canisters are available and are easily installed by simply unscrewing the bottom canister section and replacing it with a larger canister.

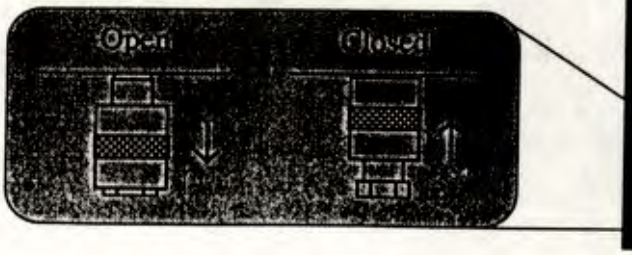
# INSTALLATION PROCEDURE

To install the Keck Canister, first take water and product level readings. Typically, the Canister is set up so that the skimmer buoy is placed at the mid-point of its travel to allow for water table fluctuation in both directions. To set the Canister at the midpoint of travel, measure from the top of the top cap on the skimmer, along the suspension cord the same distance as the water water level reading less ten inches. Suspend the Canister at the well head at this point. To empty the Canister, simply pull it from the well, open the drain valve and transfer the recovered product into an approved container.

When re-installing, verify that the Canister is set within its range of travel, and that the drain valve is completely closed to avoid the possibility of water entering the Canister.




Drain Valve Detail



# PARTS LIST

## 4" MODEL