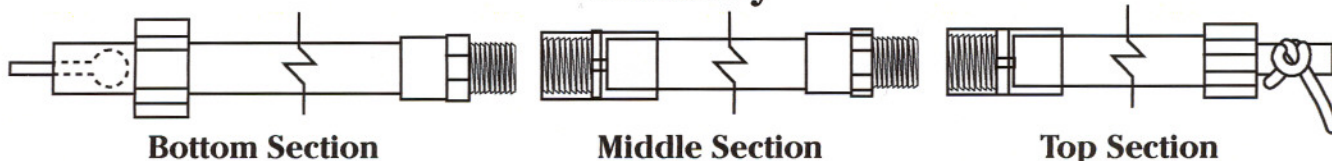


Instructions for The Sludge Judge®, Sludge Judge® II, and Sludge Judge® Ultra

Assembly



Outside dimension of tubing is $\frac{3}{4}$ " (1.9 cm) pipe size for the original Sludge Judge® and the Sludge Judge® Ultra.

Outside dimension of tubing is $1\frac{1}{4}$ " (3.2 cm) diameter for the Sludge Judge® II.

- A. The bottom pipe has the ball check valve on one end and male threads on the other.
- B. The middle pipe has female threads on one end and male threads on the other.
- C. The top pipe has female threads on one end and a rope on the other. Available in 5 ft. (1.5 m) and $2\frac{1}{2}$ ft. (0.8 m) lengths*.

ASSEMBLY

Screw the three sections of pipe together until the connections are snug.

HOW TO USE

Lower the Sludge Judge® to the bottom of the tank from which you would like to take a sample. It should be lowered slowly and *not* plunged to the bottom. Plunging the unit will result in an *inaccurate* reading and possible damage to the bottom valve. PLEASE LOWER SLOWLY. When the bottom of the tank has been reached or the pipe has filled to the desired level, tug slightly on the rope as you begin to raise the unit. This will seat the check valve, trapping the column of sludge and water in the Sludge Judge®.

CAUTION

When raising the unit up, keep it as vertical as possible. Do not allow the unit to bend or bounce while it is full of water. After looking at the sample using the 1 ft. (0.3 m) markers, empty the tube before further use. To release the material, touch the pin extending from the bottom section against a hard surface. This opens the check valve and the sample will flow out.

PLEASE NOTE

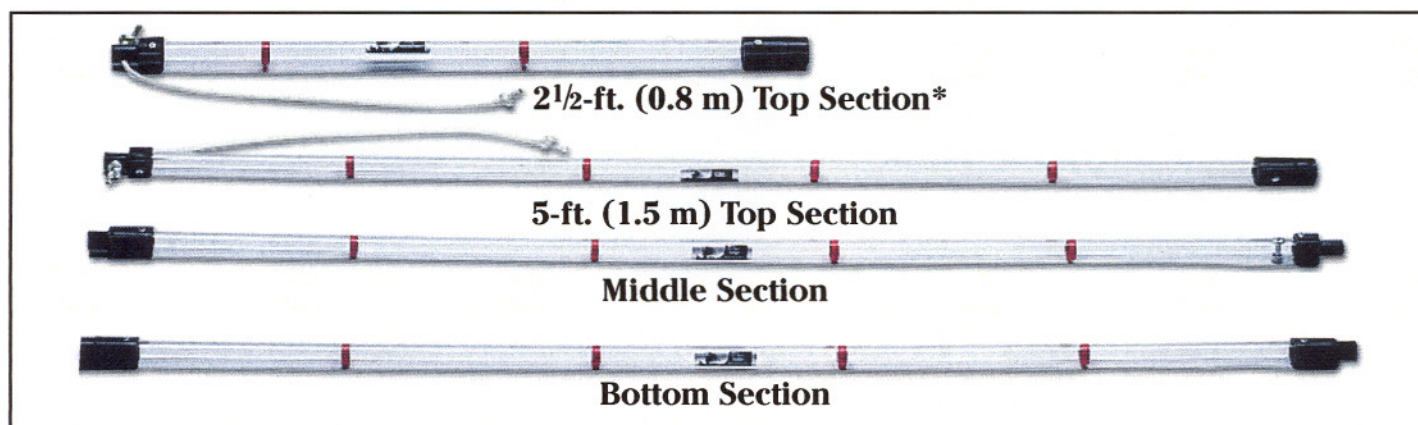
When extending the unit longer than 15 ft. (4.6 m), a stiffener may be needed to reduce excessive bending. An aluminum channel, available from your local hardware store, or similar material can be secured to the unit for this purpose.

STORAGE

Please store this unit where it cannot be damaged, especially by foot traffic, doors, or machinery. *Do not leave it exposed to the sun.*

CLEANING

The unit may be cleaned with hot water and a mild soap or vinegar, and a 6-ft. (1.8 m) cleaning brush, or rod and cloth strips (see reverse). None of the Sludge Judge® samplers are autoclavable.



* $2\frac{1}{2}$ ft. (0.8 m) section available only with the original Sludge Judge®.
See reverse for replacement parts.