

**PHIL'S 12' PHALSE BOTTOM
LISTERMANN MFG., CO., INC.
(513) 731-1130**

Phil's Phalse Bottom is placed in the lautering vessel convex side up so that it seals on the vessel's bottom. This simplifies sealing, minimizes foundation water and helps evenly distribute pressure. The plastic fitting (included) must be attached to the Phalse Bottom convex side up. A hose must be attached between the bottoms center fitting and the wall of the vessel.

The 12" bottoms are used in the common 10 gallon coolers and half barrels. The coolers faucet must be removed Find a drilled stopper to fit the hole. Push a $\frac{3}{4}$ " OD. copper pipe into the stopper so that it sticks out about the same amount on both sides. Push the stopper into the coolers former faucet hole. Cut a short piece of $\frac{3}{4}$ " ID. plastic hose to connect the bottom to the tube. Attach a 2ft. Length to the outer side of the tube.

A common shut off clamp on the outside hose will control the flow.

