

# ADS Technical Support

Bulletin # 76

## ET Pump Drain Undercounter “Open Face Impeller”

For the drain pump (#91-1022) there is now an impeller with an “open face” available (#88-1080). This impeller with sealess magnetic drive is interchangeable with an existing “closed face” impeller.

To install the Open impeller, remove the drain pump from the inlet and discharge hose connections. Remove the two “Phillips” screws holding the pump to the mounting plate. Remove the four pump bolts with a #3 millimeter Allen wrench. Be watchful of the small nuts for these bolts. The pump will separate at the cover from the motor housing. There will be a “floating” impeller and a 2.875” dia. o-ring gasket inside. Remove the closed impeller and its magnetic drive (they are one unit) and replace with the new open face impeller as it is shown below. Reassemble in reverse order.



Additional Information to avoid clogging:

One **IMPROPER PRACTICE** that leads to clogging of the drain pump is when the operator reaches into the dishmachine and removes the inner filter basket, then pushes the button to manually drain the machine. This leaves the pump unprotected from the floating soils in the tank water. The inner screen is not designed to be a final barrier; it is only when the two screen baskets, inner and outer, are used together in the sump that the drain pump impeller is protected from pics, straws, and other clogging soils.

The **CORRECT PROCEDURE** to clean up the machine after a meal period is to:

**First**, push the drain button until the sump empties of all water.

**Second**, turn off the machine at the master switch.

**Third**, remove the inner screen basket and dump the accumulated soil in the trash. Remove any soil that may have dropped into the outer screen basket. The outer screen basket should not be removed from the sump by the operators.

**Fourth**, clean out the filter screen, clean out the spray tips and arm, rinse out the machine, and reassemble in reverse order.

