

TECHNICAL SUPPORT MATERIAL

Operational Instructions

Pumped Drain, Chemical Sanitizer, Undercounter Dishmachine



Model: ET-AF Pumped Drain with Sustainer Heater



DANGER

The electrical power supplied to this machine is an imminent hazard that could result in severe bodily injury or death if not properly installed or hooked up correctly. Only trained service personnel should open the electrical controls. The machine should not be washed down with water. Always turn power off to the machine when left unattended or at the end of the work day.



CAUTION

READ this manufacturer's manual before using this product. For your safety read and observe all cautions in these instructions. While performing chemical exchanges or handling of chemical containers, wear approved Personal Protective Equipment, including approved gloves and Safety Eye-Wear. Skin contact with commercial chemicals can cause severe irritation or burns.

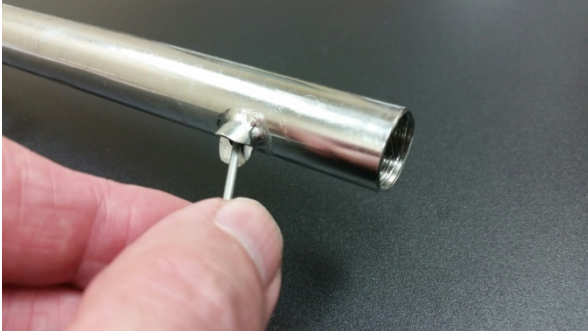
It is your obligation as the customer to ensure that the machine is installed safely and properly, and when completed, the machine is left in proper and safe working order. Electrical, Plumbing, and Chemical hookup should be performed by a qualified professional who will ensure that the equipment is installed in accordance with all applicable Codes, Ordinances, and Safety requirements. Failure to follow the installation instructions could void the warranty. ADS assumes no liability or control over the installation of the equipment. Product failure due to improper installation is not covered under the ADS Warranty.

FLUSH OUT—Do not install spray arm until machine is flushed with water. When this machine is turned on, first fill by pushing and holding the button marked FILL until water inside the pan reaches the water level decal on the outside of the pan, then push the button on front door marked START to complete one cycle. Do this before installing the spray arm. Dump the flush water out before installing spray arm by pushing the button marked DRAIN. Draining the water will flush installation debris from the tank and pump; this prevents damage to the spray arm bearing. The $\frac{3}{4}$ " drain hose should be connected no higher than 18" off the floor to protect from overflow flooding. ADS does NOT endorse "Tankless on-demand" water heaters for use on ADS dishmachines.

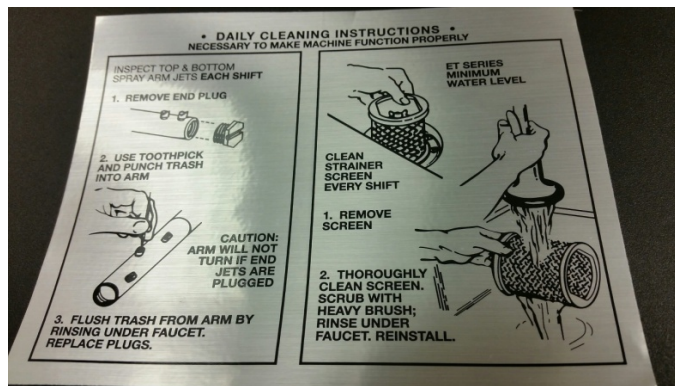
HOW THE MACHINE OPERATES

Typical 90-second cycle: Pushing the "START" button begins 45-seconds of washing, 15-seconds to drain/flush, and 30-seconds to refill and spray rinse water. Rinse water is retained in the tank and is used as the wash water for the next cycle. It is normal to see water standing in the tank after the cycle is completed. Operational hot water comes from the building's water heater.

TO BEGIN . . .



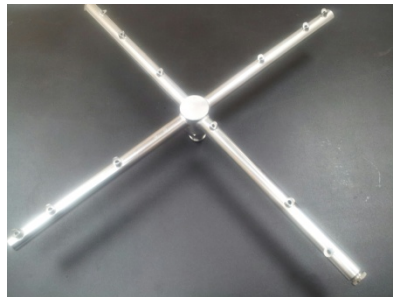
Make sure all the spray tips are open by using a tooth pick to push any clog into the center of the arm, after rinsing out the arm, screw the end caps into both ends of the spray arm.



Instruction decal located on wash cabinet door.



Standard spray arm (081-6208)



Optional cross arm (081-6212)



Wash cabinet and wash arm



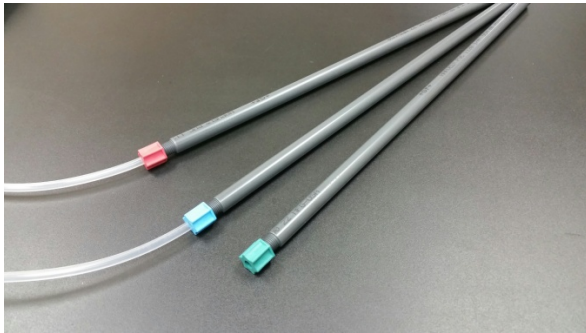
Pump filter (085-6218)



Placement of the pump filter into the drain sump

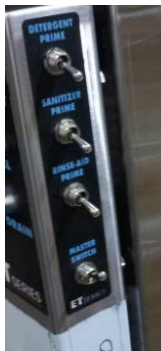
IMPORTANT: DO NOT REMOVE this filter before or during draining the machine. Push the drain button first, empty the water fully—then remove the pump filter basket with the contained soil. This will prevent the drain pump and secondary filter from being clogged. The secondary filter screen (085-6212) should remain in the machine and only be removed by trained service persons.

CHECK THE CHEMICALS



Check the level of the chemical buckets, make sure the lines are put in the proper color coded chemical buckets and secured to the bucket, RED for detergent, BLUE for rinse aid, GREEN for sanitizer

⚠ WARNING Use care when transferring cleaning chemicals and use PPE to protect eyes and body.



Prime switches



Chemical flow indicator



Chemical inlet tubes

If empty chemical buckets are changed out for full buckets, use the momentary primer switches to re-prime the lines. The primer switches are located on the right side of the lower access door labeled for each chemical pump. When chemical starts to enter the sump thru the colored tubing, release the prime switch. The chemical flow indicator will show movement of the dark beads when chemical is pumping is the required visual indicator.

After the spray arm is installed in the spray base and the pump filter has been cleaned and replaced in the sump, prepare for the first cycle by turning on the Master Switch, located on the side of the lower access door.



Fill, Start, Drain

Master Switch

Water Level Decal Located on Front of Tank

Then push the black “FILL” button on the front of the lower access door and hold until the water in the tank reaches the level shown on the water level decal. This step is only needed once at the beginning of the shift. The machine will refill itself automatically after each drain cycle.



Place dishes in the dishrack; follow the wall chart for proper racking procedures. Do not overload the dishracks, space plates evenly, use properly sized compartment racks for glasses, do not place bowls and plates together, separate silverware, soak silverware in a tray prior to washing in the machine. Refer to the posted wall chart (089-9364) for general instructions. It is best to pre-rinse the dishes before putting them in the DM.



“START” button on the front of the lower access door will start the cycle. Watch the temperature indicator located on lower inspection door, the minimum required is 120F at the machine. If the temperature does not meet minimum, check the building water heater.

After each shift, drain the water out by pushing the drain button on the door, remove and clean spray arm, pump filter and leave the machine empty, dry and clean. Turn off the master switch to the dishmachine at the end of the day or when unattended.

Water temperature is provided to a dump & fill machine from the building's water heater. Tankless water heaters have been problematic and are not recommended.

Optional washing station showing left-hand table (099-8021) or right-hand table (099-8020) and pre-rinse sink can be ordered or used with this model

