

TECHNICAL SUPPORT MATERIAL

Operational Instructions

ASQ II, Undercounter, Carousel, Chemical Sanitizer, Batch-type Glasswasher



Model: ASQ II Glass Washer, Gravity Drain



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 red 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 toggle switch marked **DRAIN**. Draining the water will flush installation debris from the tank and pump; this prevents damage to the spray arm bearing. ADS does NOT recommend "Tankless on-demand" water heaters for use on ADS dishmachines.

HOW THE MACHINE OPERATES

72-second timer operation of ASQ
START [-----WASH 40-Seconds-----] - [--DRAIN 14-Sec--] - [--21-sec to FILL and RINSE---] END
[*detergent here] [Pump shut off]-[*sanitizer here] [-Fill until FSP is reached-]

Typical 72-second cycle: Pushing the "START" button begins 40-seconds of washing, 14-seconds to drain/flush, and 21-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.



Standard spray cross arm



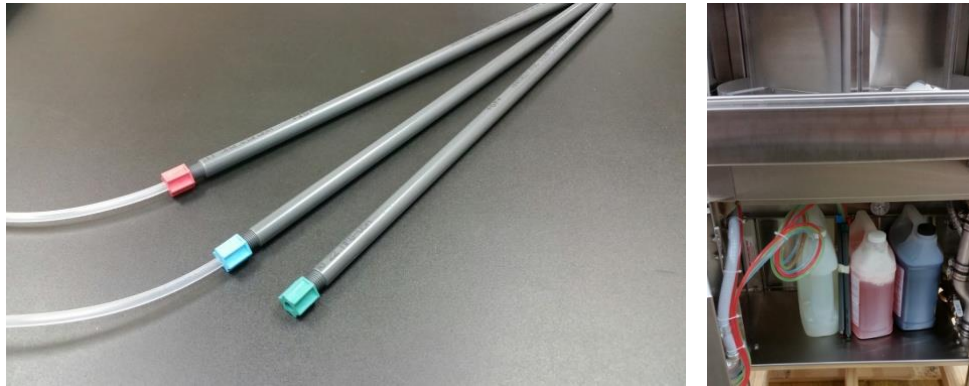
Wash cabinet and wash arm




Pump filter (085-6218), Placement of the pump filter into the drain sump

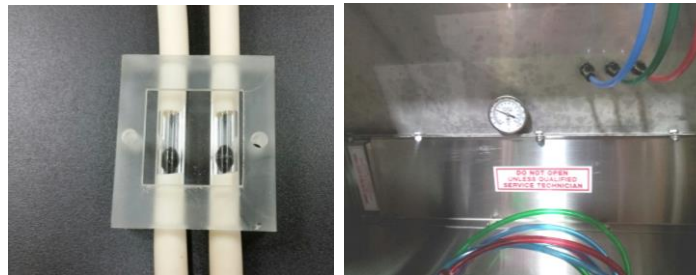
IMPORTANT: DO NOT REMOVE pump filter before or during draining of the machine. Push the drain switch first, empty the water fully—then remove the pump filter basket with the contained soil. This will prevent the drain pump and secondary filter from being clogged. The secondary filter screen () should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

CHECK THE CHEMICALS



Check the level of the chemical containers, make sure the lines are put in the proper color coded chemical container and secured to the container, 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.



Chemical flow indicator

Chemical inlet tubes

If empty chemical containers are changed out for full containers, use the momentary primer switches to re-prime the lines. The primer switches are located on the side of the control box in the lower access door. Switches are 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; this 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, Drain, Fill, Prime

Run Light, Master Switch, Flow Block , Red Start

Then push the “FILL” toggle switch on the side of the control box located behind the access door. Hold until the water in the tank reaches the level of the spray base. This step is only needed once at the beginning of the shift. The machine will refill itself automatically after each drain cycle.



The red “START” button on the front of the lower access door will start the cycle. Watch the temperature indicator located behind the lower inspection door on the tank wall, 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 toggle switch inside 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.

OPERATING INSTRUCTIONS

The carousel is divided into three positions by stainless steel panels. These panels isolate each compartment, controlling the water and washing action of the rotating spray. With a push of the detent lever, the carousel easily rotates and locks into the next position. The carousel rotation can turn either way. While one section of the carousel is being washed, the operator can unload the cleaned glassware from the second section, then load dirty glassware into the last section of the carousel.

TO OPERATE—completely load the first compartment or section of carousel. Note: Failure to load sections completely can cause breakage of tall stemware.



Release the carousel by pushing the detent latch to the left. This latch is located in the front between the carousel and the glasswasher cabinet.



MANUALLY TURN— the carousel until the loaded glasses are in the washing compartment . Proper alignment is indicated when the latch detent pushes into the notch of the carousel wheel.

START THE CYCLE— by pushing the red start switch on the front of the glasswasher. The switch stays illuminated during operation. Wash, Rinse, and Sanitization occurs in 75 seconds.



Front catch sink to empty glasses into before placing in the carousel

BREAK-DOWN AND CLEANING FOR DAILY MAINTENANCE



WARNING

WARNING: Glass Breakage can occur - always visually inspect tank for sharp shards of glass before breakdown.

TO DRAIN—Drain water from the tank using the drain switch marked (DRAIN), located on the side of the control box. The control box is mounted on the inside of the door.

Remove the hood top by lifting up approximately one (1") inch and slide the hood top toward the front. Remove the carousel drum by lifting up 1 1/2" until the carousel has cleared the pivot pin, then pull it out and towards the front. The pivot pin is attached to the top center of the cabinet.

Once the hood top and the carousel are removed, the operator has easy access to the splash shields, the spray arm, the scrap tray, and the pump screen. Remove the splash shields under the carousel (triangular shaped) by lifting up on the innermost edge, then slide the shield towards the center. The spray arm and bearing is held in the spray base with bayonet fittings. Important: Always visually inspect tank for any broken glass before removing pump screen.

TO CLEAN: Unscrew the end plug from the spray arm tube. Clear plugged spray jets by pushing a toothpick into the jet. The spray arm will not turn if the jets are plugged. Flush debris from the spray arm by rinsing under a faucet and replace the end plugs. Clean the scrap tray and the pump screen by flushing with water. Caution: Do not hit the scrap tray against a trash can. After cleaning, reassemble in reverse order.