

## HANDCARE

### Hand Sanitizer Station

#### Description

The ATPGroup Hand Sanitizer Station is a free-standing stainless steel industrial hand sanitizer dispenser with an easy-to-use foot pump that allows for hands-free usage. Designed to pump liquid or low-viscosity products, it has a built-in atomizer to help reduce over-usage and eliminate waste. Ideal for production facilities, warehouses, office spaces, tasting rooms, hospitality venues, food preparation areas, visitor centers, or any public space.

#### Dimensions

- Total height: 44 in.
- Height to spray head: 42 in.
- Dispenses per gallon: adjustable
- Shipping weight (single unit): 31 lbs.
- Shipping dimensions (single unit): 11" x 11" x 46"

#### Options

- Jug rack, SS, 1 gallon, round/square
- Jug rack (locking), SS, 1 gallon, round/square
- Safe Flow Lid™ for 1 gallon jugs (includes suction tube & strainer)

#### Installation (see diagram on next page)

1. Floor-mounted units can either be free-standing on a non-skid mat for portability or bolted to the floor for permanent positioning.
2. Immerse the suction tube with suction strainer into sanitizing solution.
3. Raise the container of sanitizing solution so that it is level with the discharge nozzle.
4. Prime the unit by repeatedly stepping on the foot pedal until it begins to spray. Initial priming might take several strokes, particularly if a gel or thick sanitizing solution is being used.
5. Once primed, place the container of sanitizing solution in the (optional) jug rack.
6. Adjust number of dispenses with the "adjustment bolt", using the locking nut to hold it in place. Tighten for less dispenses per gallon and loosen for more dispenses per gallon.

#### Directions

Place hands under nozzle and step on the foot pedal.



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### **Cleaning & Sanitizing**

#### **Cleaning & Sanitizing External Surface Only**

1. Cleaning: Wipe down or pressure wash external parts with mild stainless steel cleaner.
2. Sanitizing: Use sanitizers designed for stainless steel and plastic surfaces.

#### **Cleaning & Sanitizing both Internally & Externally**

1. Submersion (best method): Submerge entire assembly into a COP (Clean Out of Place) vat for a standard parts cleaning procedure. The openings in the top and bottom of dispenser allow entire assembly to circulate and sanitize. (Use mild cleaning solutions safe for EPDM and stainless steel at less than 125°F to protect suction tube. Standard COP filler parts cleaning procedure will apply.)
2. Pressure wash: If no COP tank is available the unit can be cleaned using a standard pressure washer (1500 psi or less). The openings in the top and bottom will allow access to internal parts.
3. Apply spray lube to working parts in the lower assembly.

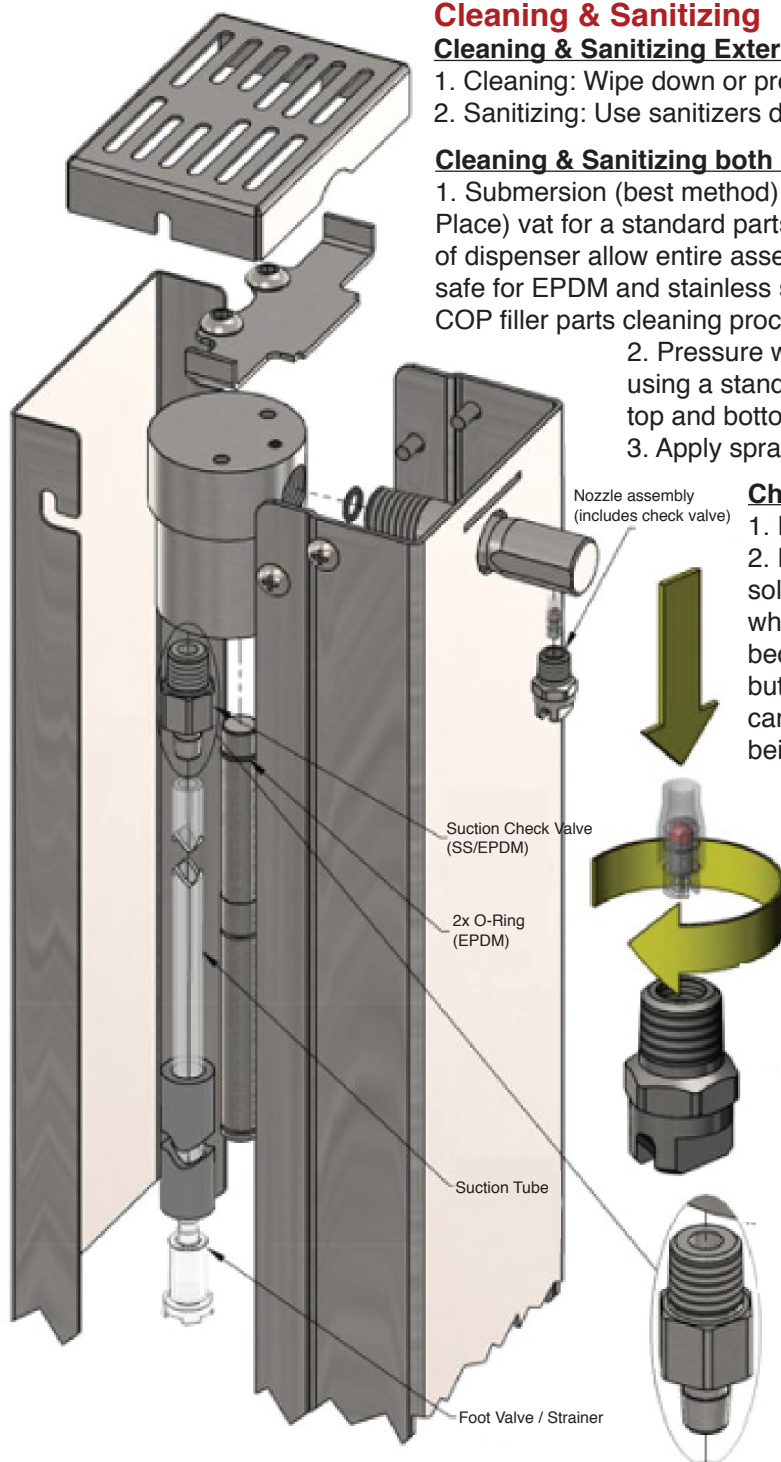
#### **Chemical Path Cleaning & Sanitizing**

1. Rinse old solution from tubing and nozzle with clear water.
2. Fill sanitizer reservoir with hand sanitizer solution and pump solution through. Suction tubing should be changed yearly or when tubing shows signs of chemical attack. Tubing can become stiff due to leeching of plasticizers from the tubing, but this does not affect the function of the unit. Other tubing can be substituted that more closely matches the chemistry being used.

#### **To Clean Debris from Nozzle & Check Valve**

1. Use the end of the tubing to unscrew the check valve from the nozzle.
2. To remove debris from check ball, blow compressed air in this direction ONLY (with no more than 5psi)
3. Check nozzle for debris before reinstalling check valve. To reassemble, use the end of the tubing to carefully screw the check valve back into the nozzle, until the red poppit is showing slightly past the nozzle.
4. If the suction check valve needs to be replaced, be sure to wrap a small amount of Teflon tape around the threads before installation, taking care not to allow any tape into the fluid stream.

**Dispenser System Rebuild Kit** (includes all wetted parts and spare O-ring) available. Contact your ATPGroup representative for details.



## HANDCARE

### Troubleshooting Guide

<u>Problem</u>	<u>Startup</u>	<u>Maintenance</u>
A) Will not draw sanitizer.	1,2	3, 6, 8, 9, 10, 11
B) Using too little sanitizer.	3,5	7,10
C) Using too much sanitizer.	4,5	
D) Dispenses inconsistent amount of sanitizer.	5	10

### Possible Cause / Solution

#### Startup

1. The unit needs to be primed. Step on foot pedal repeatedly until it sprays.
2. Chemical tube not immersed in sanitizer solution or sanitizer depleted. Immerse tube or replenish.
3. The adjustment bolt needs to be loosened.
4. The adjustment bolt needs to be tightened.
5. The locking nut needs to be tightened.

#### Maintenance

6. Suction check valve or nozzle check valve stuck or failed. Clean or replace.
7. Foot valve / strainer partially blocked. Clean or replace foot valve / strainer.
8. Chemical tube stretched out or pin hole/cut in tube (sucking in air). Cut off end of tube or replace tube.
9. Vacuum leak in chemical pick-up connections. Tighten the connection.
10. Chemical build-up may have formed in the head of the unit. Follow preventive maintenance instructions below, using hot water and/or descaling acid.
11. O-ring may have worn down after prolonged use. Replace.

### Preventative Maintenance

When the unit will be out of service for extended periods, remove tube and place in water. Operate the foot pedal until water is coming out of the nozzle for several seconds to clear out chemical and help prevent chemical build-up. Check chemical strainer and clean or replace as needed.

