



HYG1TP

ENVIRO SERIES

Single Portable Handwash Station Installation, Operation, Maintenance and Parts Manual

Patented and Patents Pending



Hands-Free Portable Handwashing Station

LIMITED WARRANTY

All goods sold hereunder are warranted to be free from defects in material and factory workmanship for a period of three years from the date of purchase. Decorative finishes warranted for one year. We will replace at no costs goods that prove defective provided we are notified in writing of such defect and the goods are returned to us prepaid at Atlanta, GA, with evidence that they have been properly maintained and used in accordance with instructions. We shall not be responsible for any labor charges or any loss, injury or damages whatsoever, including incidental or consequential damages. The sole and exclusive remedy shall be limited to the replacement of the defective goods. Before installation and use, the purchaser shall determine the suitability of the product for his intended use and the purchaser assumes all risk and liability whatever in connection therewith. Where permitted by law, the implied warranty of merchantability is expressly excluded. If the products sold hereunder are "consumer products," the implied warranty of merchantability is limited to a period of three years and shall be limited solely to the replacement of the defective goods. All weights stated in our catalogs and lists are approximate and are not guaranteed.

NOTICE: READ ENTIRE MANUAL PRIOR TO INSTALLING PRODUCT.

Warnings:

- A dedicated 20A circuit with GFI is required to prevent injury or harm.
- Do not connect water heater to electricity unless it is full of water.
- Child step must be fully deployed and locked into position before use.

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

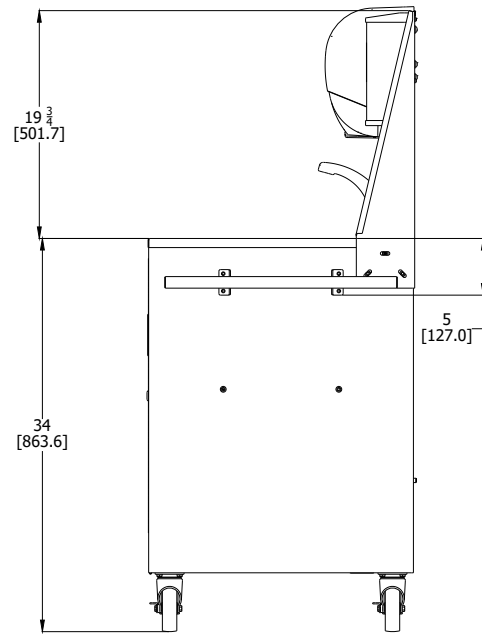
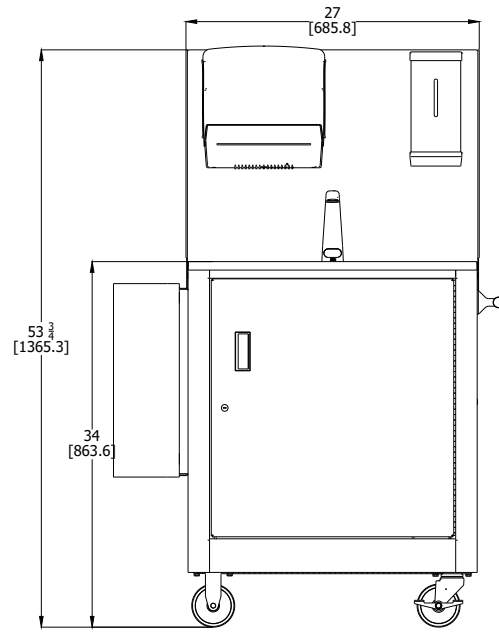
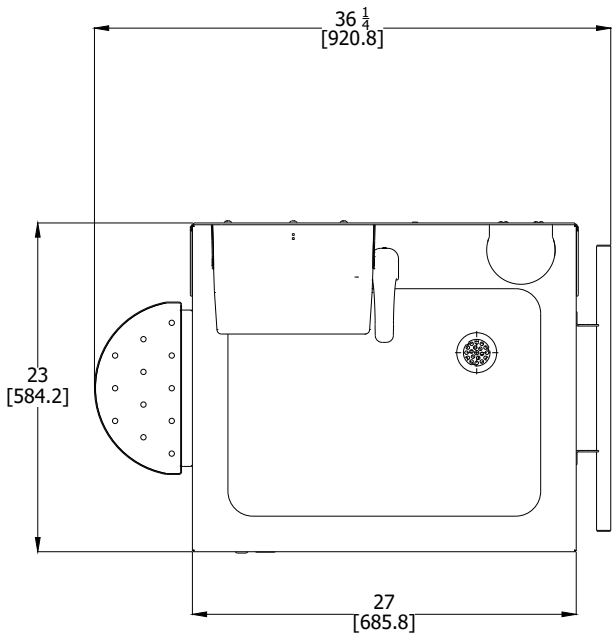
⚠ ADVERTENCIA: Cáncer y daño reproductivo - www.P65Warnings.ca.gov

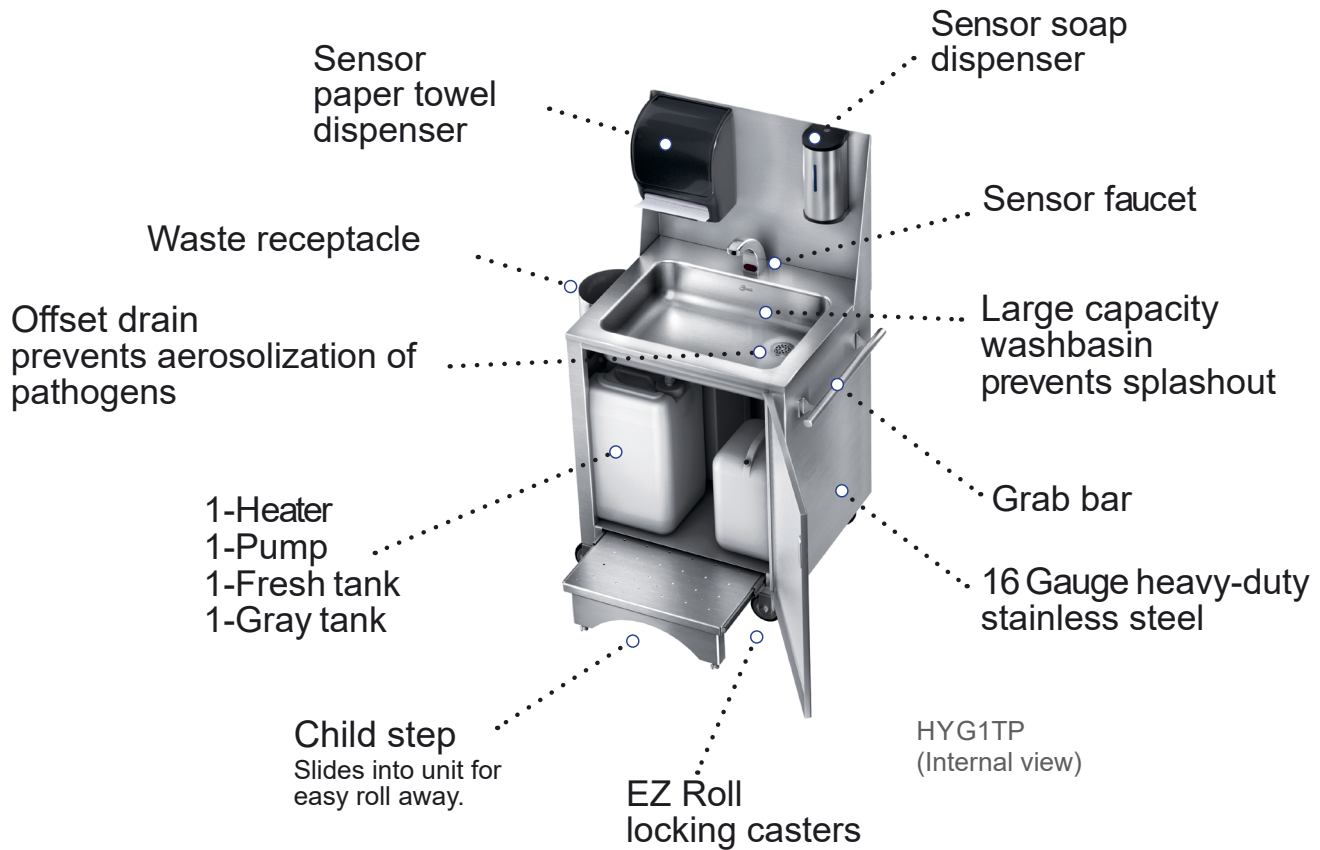
⚠ AVERTISSEMENT: Cancer et effets néfastes sur la reproduction - www.P65Warnings.ca.gov

NOTE: The information in this manual is subject to change at any time without notice. Installations may be performed at different times of construction by different individuals. For this reason, these instructions should be left on-site with the facility or maintenance manager.

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Rough-In/Overview Dimensions:





Parts Checklist:

1. Base cabinet assembly
2. Backsplash assembly including towel and soap dispenser and mounting hardware
3. Trash receptacle and mounting hardware
4. Handle and mounting hardware
5. Fresh water tank
6. Gray water tank
7. GFI power strip

Assembly Instructions:

1. Install backsplash by carefully positioning backsplash and then carefully tighten mounting hardware.
2. Install handle and trash receptacle using hardware provided.
3. Position fresh water tank inside cabinet. See daily operation for details.
4. Make sure drain flex line is positioned so it can flow to either gray tank or hose. See daily operation for details.

Start-Up and Daily Operations:

First time use of the HD portable handwash station:

1. Rinse and disinfect fresh water tank.
2. Open vent cap on fresh water tank, then fill with tap water.
3. Screw fresh water cap/ pickup tube assembly onto fresh water tank.
4. Place fresh water tank into cabinet, then connect quick release fitting on pump feed line to quick connect barb fitting on fresh water cap.
5. Open vent cap on gray water tank, place in cabinet and screw drain cap onto gray water tank.
6. Route electrical cords for water pump and heater thru grommet in floor to a GFI outlet or plug into GFI power strip provided into a standard 20 amp 110 volt outlet.
7. Do not plug in heater at this time. Turn switch on GFI power strip to start water pump.
8. Pump will automatically turn on and start filling system.

Start-Up and Daily Operations (Contd.):

9. Activate sensor faucet to finish filling system with water. The faucet will sputter until system is full, with no air in the lines.
10. Once system is full of water, remove cap from gray water tank and dispose of water in the tank.
11. Remove fresh water tank and refill with water. Replace fresh water tank into cabinet and reattach cap / pick up tube assembly.
12. Replace gray water tank into cabinet and reattach drain cap onto gray water tank.
13. Plug in water heater. Turn control knob on face of water heater to on position (switch will light up) allow time for heater to begin to heat water inside tank. Allow approximately ten (10) minutes before using sink.
14. Reactivate sensor faucet and check for proper water flow and temperature.
15. Unit is now ready for use.

For K-4 grade applications:

16. With door open, remove tethered locking pin, lower front panel and pull out step to complete outward position.
17. Lower front support for step and adjust leveling feet if necessary.
18. Reinstall tethered locking pin in hole to secure step in outward position and ensure step support is in full downward position before use.
19. Close and lock door. Unit is ready to use.

Important: Injury can occur if step not properly deployed and locked into place.

Daily Operation:

1. Empty gray water tank.
2. Fill fresh water tank.
3. Turn on water heater.
4. Close door.
5. Turn off power to Portable Hand Wash Station at the end of the day.

A second set of tanks can be ordered as an option.

Changing Tanks:

1. Remove existing fresh water tank and refill or use second fresh water tank.
2. Switch pump line from empty fresh water tank to full tank.
3. Remove existing gray water tank and empty or use second gray tank.
4. Switch the drain line to empty gray water tank.
5. Briefly activate faucet to check that pump is moving water through system. Close door.

Conversion to Garden Hose Hookup:

1. Unplug water pump and water heater from GFI power strip.
2. Pull water pump power cord back into cabinet and store power cord inside cabinet.
3. Remove Gray Water tank.
4. Disconnect Gray Water Drain assembly by unscrewing garden hose fitting from 90 degree black drain fitting.
5. Disconnect feed line from Fresh Water tank and remove tank.
6. Unscrew garden hose fitting on outlet side of water pump.
7. Attach garden hose (by others) to the male garden hose shank of the black drain fitting, then route drain hose out thru grommet hole in bottom of cabinet.
8. Feed the fresh cold water garden hose (by others) up thru grommet hole in cabinet bottom.
9. Attach fresh cold water garden hose to garden hose fitting on stainless steel braided hose that feeds fresh cold water to water heater.
10. Plug water heater back into the GFI outlet strip.
11. Turn on water and activate sensor faucet to purge system of air.

Conversion to Garden Hose Hookup (Contd.):

12. After sensor faucet gives a steady stream of water, the water heater can be turned on.
13. Allow 10 minutes for water in water heater to reach proper temperature.
14. Sink is now ready for use.

Care and Maintenance:

Water Pump

Do not let the pump run dry for more than 2 minutes; damage to the pump may result.

Fresh Water Tank

Disconnect the outgoing line from tank and empty the tank. Wash out with a mild detergent using a soft brush and rinse with fresh potable water. Always empty the tank after using and store empty.

Gray Water Tank

Do not let the gray water tank overflow. Dispose of gray water in a sanitary drain only. Empty the tank and wash out with a mild detergent using a soft brush and rinse with fresh potable water. Always empty the tank after using and store empty.

Water Heater

Turn off water heater when unit is not in use. In periods of extended inactivity drain water heater. Do not let water heater freeze when full of water as this will damage water heater.

Storage

When storing the unit empty all water from the unit to prevent freeze damage and stagnant water from remaining in plumbing lines.

Troubleshooting Guide:

Power

Check the reset button on the GFCI electrical outlet or GFI power cord.

Water Pump

Pump Will Not Start

- Is the motor hot? Thermal breaker may have triggered; it will reset when cool.
- Check wall outlet for voltage (fuse or breaker).

Pump Will Not Prime

- Check that fresh water tank full.
- Check Inlet plumbing for severe vacuum leak.
- Check that pump Inlet or outlet plumbing restricted or kinked.
- Check filter at pump inlet for debris.
- Check for debris in pump inlet / outlet valves.

Pump Runs Continuously

- Check freshwater level. Is fresh water tank empty?
- Air in system will prevent pump from turning off.
- Check for air trapped in outlet line or pump head.
- Check fresh water hose to confirm it is reaching the bottom of tank.
- Activate faucet to exhaust air in the lines.
- Check for blocked pump output line.
- Check for plumbing leaks.

Water Heater

Daily Operation

- Make sure power supply is on and working.
- Refer to the water heater manual for operation and additional troubleshooting.

Important: This pump is to be used for the circulation of water only. No solvents, especially flammable liquids, are to be used in this system.

