



The **Steris Amsco 3052** Single-Chamber Washer/Disinfector features an integrated touchscreen and used for cleaning and intermediate-level disinfection of soiled reusable utensils, trays, bedpans, and urinals. This The Steris 3052 can also be used for rubber and plastic goods, simple hard-surfaced rigid surgical instruments, such as forceps and clamps, and other similar and related articles found in a healthcare facility.

## Features

- Color touch-screen microprocessor control system.
- Audible warning system.
- Space saving, power vertical sliding doors.
- Eight factory-loaded cycles.
- Chamber illumination by long-life, energy efficient LEDs.
- Compact and space-saving footprint.
- Conforms to seismic building code requirements.



## Specifications

### Dimensions

**Height:** 80" (203.2 cm)  
**Width:** 42" (106.7 cm)  
**Length:** 31" (78.7 cm)  
**Load Height:** 31" (78.7 cm)

### Utility Requirements

**Hot, Cold, and Pure Water; Steam; Condensate Return:** 1/2 NPT  
**Air:** 1/8 NPT  
**Ventilation:** 3" (7.6 cm) O.D.  
**Drain:** Recommended minimum 4" (10.2 cm) floor drain. A 8 x 8" (20.4 x 20.4 cm) floor sink is also recommended.

### Safety Features

Vertical chamber doors are equipped with an obstruction sensor to detect any door obstruction. If an obstruction is present the door automatically opens.

The washer/disinfector is equipped with a safety lockout feature so a cycle cannot start unless the door is fully closed.

Door interlock feature is provided to prevent cross-contamination. Door interlock feature allows only one door to be opened at a time whenever power is on.

Safety spot pushbuttons, on the load and one on the unload side, automatically stop all unit operation when pressed.

Building electrical supply disconnect switch must be used to shut off power to the unit before servicing.

### Wash Chamber Construction

16-gauge, #3-4 L stainless steel, argon-welded and polished.

Chamber is of sanitary-type design (horizontal fixed surfaces are sloped, overlapping metal sheets) for complete drainability and to reduce hard-to-clean locations.

Single-walled, insulated construction of chamber exterior reduces heat loss and noise level to the work area.

Rotary spray assemblies are positioned at the top and the bottom of the chamber, each measuring 24-3/8" (62 cm) long to reach all load surfaces. Spray assemblies are easily removable without tools to aid in cleaning and maintenance.

3-W LED light mounted within an explosion/vapor-proof enclosure, illuminates chamber interior.

### System Drying

Drying system is manifolded and circulates HEPA-filtered air through piping, accessories, and chamber for 1 to 60 minutes at low temperatures of 108°F (82°C) or 1 to 30 minutes at a high temperature of 240°F (115°C).

System includes a cold water condenser.

System includes a 3hp (2.2 kW), blower and three electric heaters totaling 11.4kW.

System heats and maintains chamber to 180-240°F (82-115°C). No additional ductwork is required.



## Specifications Continued

### **Pure Water Rinse Supply**

Washer/disinfector is equipped with Pure Water Stainless-Steel Supply Valve.

Pure water from the facility is sprayed over the load under pump pressure for 15 seconds (adjustable from 15 seconds to 15 minutes.)

Up to four Pure Water Rinse treatments can be selected per cycle with recirculated water.

Pure water can be used for thermal disinfection stage and is heated to 194°F (90°C) using either steam or electric heaters.

### **Drain Discharge Cool Down**

This feature assures water drained at the end of each phase, from the chamber sump to the building drain system, does not exceed 140°F (60°C).

If the water temperature in the sump is higher than 140°F (60°C), cold water is automatically added to reduce the temperature of the water discharged into the building drain system.

### **Sump**

Constructed of #304 L Stainless steel with 9.5 gal (36 L) capacity.

Removable stainless-steel filter in chamber sump prevents debris from entering the pump and piping system.

The heating coil at the bottom of the wash chamber (sump) raises and maintains water temperature up to 180°F (82°C) during the Wash phase and up to 194°F (90°C) during the Thermal Rise phase.

### **Chemical Injection Pumps**

Pumps are optimized to use Polystica Ultra Concentrate chemicals. Each ultra concentrated product is 10 times more concentrated than an equivalent traditional product; so 10 times less chemical is injected per cycle.

The washer/disinfector comes with one enzyme and one detergent injection peristaltic pump which automatically add a selected quantity of chemical from 1/40 to 2oz/gal (0.2 to 16 mL/L)

One injection peristaltic pump is dedicated to automatically add a selected quantity of lubricant during the Thermal Rise phase.

Pumps are positioned near chemical containers.

### **Microprocessor Control System**

Equipped with a 5.7" (14.5 cm) touch-screen customer interface that is mounted at eye level beside the chamber door on both sides of the unit.

Locking program cycle parameters with an access code.

Service mode for preventive maintenance testing and facilitate troubleshooting.

Built-in service diagnostic program to permit system calibration and verification of component operations.

Security lock-out feature that enables programs and temperatures to be locked and unchangeable without the proper access code.

Equipped with an audible warning system.

