



The **Steris Amsco Century V120** sterilizer is available in gravity and pre-vacuum configurations, single or double doors, and open or recessed mounting options. The Century V120 has a 20" x 20" x 38" chamber size, color touch screen display, and integrated ink-on-printer above the touch screen. The Amsco Century utilizes a vertical sliding door that is activated with a foot pedal for hands-free loading and unloading. This small Steris sterilizer has electronic water-saving control with a resistance temperature detector condenser to control the amount of water used in condensing the exhausted chamber steam.

Features

- Interior chamber dimensions of 20" x 20" x 38".
- Non lubricated, steam activated, foot pedal controlled vertical sliding door.
- Color touch screen display with integrated printer.
- Steam purge to assist in air removal and preheating.
- Drain system that is designed to block pollutants from entering the water supply system and sterilizer.



Specifications

Dimensions (Overall)

Height (Enclosed single door): 74.5" (189.2 cm)

Width (Enclosed single door): 30" (76.2 cm)

Depth (Enclosed single door): 45.125" (114.6 cm)

Weight (Steam):

1231 lbs (558 kg) single door / 1606 lbs. (728 kg) double door

Weight (Electric):

1371 lbs (622 kg) single door / 1726 lbs. (782 kg) double door

Chamber Size

Height: 20" (50.8 cm)

Width: 20" (50.8 cm)

Depth: 38" (96.5 cm)

Processing Cycles

Flash Cycle (3-minute exposure):

This cycle is for sterilizing an unwrapped item intended for immediate use (e.g., a dropped instrument). The recommended load is one unwrapped instrument tray containing a single instrument.

Sterilize Exposure Temperature: 270°F (132°C)

Sterilize Exposure Time: 3 minutes

Dry Time: 1 minute.

Flash Cycle (10-minute exposure):

This cycle is for sterilizing items intended for immediate use (e.g., dropped instruments). The recommended load is one unwrapped instrument tray containing one or more nonporous instruments, with a maximum weight of 17 lbs (7.7 kg).

Sterilize Exposure Temperature: 270°F (132°C)

Sterilize Exposure Time: 10 minutes

Dry Time: 1 minute.

Express Cycle (prevacuum sterilizers, only):

This cycle is for sterilizing a single instrument in a single-wrapped tray (e.g., a dropped instrument). The recommended load is one single-wrapped instrument tray containing a single instrument (nonporous items only).

Sterilize Exposure Temperature: 270°F (132°C)

Sterilize Exposure Time: 4 minutes

Dry Time: 3 minute.

270°F Prevac Cycle (prevacuum sterilizers only):

This cycle is for sterilizing double-wrapped instrument trays. The recommended load is up to two double-wrapped instrument trays, with a maximum combined weight of 17 lbs (7.7 kg) per tray, or up to six fabric packs.

Sterilize Exposure Temperature: 270°F (132°C)

Sterilize Exposure Time: 4 minutes

Dry Time: 20 minute.



Specifications

Processing Cycles (Continued)

275°F Prevac Cycle (prevacuum sterilizers only):

This cycle is for sterilizing double-wrapped instrument trays. The recommended load is up to two double-wrapped instrument trays, with a maximum combined weight of 17 lbs (7.7 kg) per tray.

Sterilize Exposure Temperature: 275°F (135°C)
Sterilize Exposure Time: 3 minutes
Dry Time: 16 minute.

270°F Gravity Cycle:

This cycle is for sterilizing doublewrapped instrument trays. The recommended load is up to two double-wrapped instrument trays, with a maximum weight of 17 lbs (7.7 kg) per tray.

Sterilize Exposure Temperature: 270°F (132°C)
Sterilize Exposure Time: 30 minutes
Dry Time: 15 minute.

250°F Gravity Cycle:

This cycle is for sterilizing fabric packs. The recommended load is up to six fabric packs.

Sterilize Exposure Temperature: 250°F (121°C)
Sterilize Exposure Time: 15 minutes
Dry Time: 30 minute.

Utility Requirements

Using House Steam

Steam: 1/2" NPT, 50 to 80 psig (3.5 to 5.6 bar) dynamic, 97 to 100% vapor quality.
Drain: 1-1/2" ODT drain terminal. (Floor drain capacity must handle peak water consumption; refer to Engineering Data.)
Electrical - Controls: 120 Volt, 50/60 Hz, 1-phase, 2.0 Amps.
Sterilizer Feed Water: 1" NPT, 30 to 50 psig (2.1 to 3.5 bar) dynamic.

Using Steam Generator

Drain: 1-1/2" ODT drain terminal. (Floor drain capacity must handle peak water consumption; refer to Engineering Data.)
Generator Drain: 1/2" ODT.
Electrical - Controls: 120 Volt, 50/60 Hz, 1-phase, 9.5 Amps.
Electrical - Generator: 208 Volt, 50/60 Hz, 3-phase; 83.2 Amps; 240 Volt, 50/60 Hz; 3-phase, 72.2 Amps; or 480 Volt; 50/60 Hz, 3 phase, 37 Amps.
Sterilizer Feed Water: 1.0" NPT, 30 to 50 psig (2.1 to 3.5 bar) dynamic.
Steam Generator Feed Water: 1/2" NPT, 20 to 50 psig (1.4 to 3.5 bar) dynamic.

