STERIS
Life Sciences

AMSCO® 630LS MEDIUM LABORATORY STEAM STERILIZERS

APPLICATION

The AMSCO 630LS Laboratory Medium Steam Sterilizer is offered in a prevacuum configuration and is designed for fast, efficient sterilization of heat- and moisture-stable materials in scientific applications. The prevacuum configuration sterilizer is equipped with prevacuum, gravity, liquid, leak test, and daily air removal (Bowie-Dick) test cycles.
All configurations include choice of a single or double door

DESCRIPTION

The sterilizer is equipped with the latest features in both state of the art technology and ease of use.

Interior Chamber Dimensions

- 26 x 37.5 x 42" (660 x 953 x 1067 mm) 671L capacity
- 26 x 37.5 x 54" (660 x 953 x 1372 mm) 852L capacity
- 26 x 37.5 x 66" (660 x 953 x 1676 mm)1054L capacity

Hinged or Sliding Door Configuration

- Hinged door with fast operating, low-effort door lock mechanism. Manual door handle lock lever requires a single 30° handle movement to lock or unlock.
- Sliding door is controlled from touch screen. Quiet motor-driven cable and pulley mechanism opens and shuts door. As viewed from operating-end, door slides horizontally left when opening.



Hinged Door Model



Horizontal-Sliding Door Model

(Typical - details may vary.)

Allen-Bradley MicroLogix™ Control System with enhanced functionality and user-friendly Allen-Bradley PanelView Plus™ 7 700 interface screen.*

- Touch-sensitive screen with 18-bit color graphic display
- Display features 640 x 840 resolution color-active matrix
- Display is designed with emphasis on human factors and user recognizable symbols.

Selections Checked Below Apply To This Equipment

SIZE

- ❑ 26 x 37.5 x 42" (660 x 953 x 1067 mm)
- ❑ 26 x 37.5 x 54" (660 x 953 x 1372 mm)
- ❑ 26 x 37.5 x 66" (660 x 953 x 1676 mm)

❑ **SINGLE-DOOR CONFIGURATION**

- ❑ **Hinged Door**[1] (❑ Left ❑ Right)
- ❑ **Horizontal-Sliding Door**[2]

MOUNTING (2 options)

- ❑ Cabinet Enclosed/Freestanding
- ❑ Recessed

❑ **DOUBLE-DOOR CONFIGURATION**[5]

- ❑ **Hinged Door**[3]
  - ❑ Right/Left ❑ Right/Right
  - ❑ Left/Right ❑ Left/Left
- ❑ **Horizontal-Sliding Door**[4]

MOUNTING (2 options)

- ❑ Recessed through One Wall
- ❑ Recessed through Two Walls

STEAM SOURCE

- ❑ Building Steam
- ❑ Stand Alone Electric Steam Generator (Provided by STERIS)
- ❑ Integral Indirect Clean Steam Generator (Single Tube)[12]
- ❑ ESG† Carbon Steel (45kw)[9]
- ❑ ESG Stainless Steel (45kw)[9]
- ❑ ESG Carbon Steel (60 or 65kw)[5, 9, 11]

ELECTRIC SERVICE

- ❑ 208/240 VAC, 60 Hz, 3-Phase
- ❑ 480 VAC, 60 Hz, 3-Phase
- ❑ 400 VAC, 50 Hz, 3-Phase (International)
- ❑ 600 VAC, 60 Hz, 3-Phase (Canada Only)

OPTIONS

- ❑ Liquid Air Cooling (with Vacuum)
- ❑ Effluent Decontamination Cycle (with Vacuum)
- ❑ Pure Steam Piping to Chamber[9]
- ❑ RTD Load Probe and F_0 Sterilization
  - ❑ One ❑ Two
- ❑ Bioseal (double door units only)[8, 9, 10]
  - ❑ Sterile Side ❑ Non-Sterile Side
- ❑ Air Differential Seal (double door units only)[9, 10]
  - ❑ Sterile Side ❑ Non-Sterile Side
- ❑ Additional 1" Chamber Penetration
- ❑ Additional One 1" and one 3" Penetration
- ❑ Printer on Both Ends
- ❑ Right Hand Piping
- ❑ Backflow Preventer
- ❑ Closed Loop Chilled Water System (Drain Only)
- ❑ 0.2 Micron Bacterial Retentive Filter
- ❑ Drain Line Reference Probe
- ❑ Air Detector System
- ❑ STERI-GREEN® Water Conservation System
- ❑ STERI-GREEN PLUS® Water Conservation System (Chilled water required)
- ❑ Dry contacts
- ❑ Auto Flush System for Electric Steam Generator

ACCESSORIES

- ❑ Loading Car ❑ Transfer Carriage
- ❑ Loading Car, Transfer Carriage & Track Assembly
  - ❑ Single Door ❑ Double Door
- ❑ Chamber Rack and Shelf 42" (1067 mm)[6]
- ❑ Chamber Rack and Shelf 54" (1372 mm)[7]
- ❑ Seismic Tie-Down Kit[8]
- ❑ Air Compressor, Portable, 115 Vac

Notes:

1. Door direction of swing is as viewed from OE.
2. Configuration for Single-Door, Horizontal Sliding Door – door slides left to open.
3. Double-Door configuration – First hinge position applies to operating-end (OE); second position applies to non-operating end (NOE).
4. Configuration for Double-Door, Horizontal Sliding Door – door slides left to open at OE; door slides right to open at NOE.
5. Double door cabinet enclosed units with integral steam generators require SSQ.
6. Chamber Length: 42" (1067 mm) units only.
7. Chamber Length: 54" (1372 mm) units only.
8. Seismic Tie-Down Kit based on CA requirements. Sterilizers (all lengths) with Bioseal and/or steam generator on the side (42" only) require a special seismic kit through SSQ.
9. Compressed air required for Single Door and Double Door sterilizers with integral electric steam generator, units with air differential or bioseal, units with pure steam piping option, or integral indirect steam generator units.
10. Special Cabinet required for units with Bioseal, RH piping, or 66" units with Electric Steam Generator.
11. 60 or 65kw ESG's are recommended for use with 54"and 66" sterilizers.
12. Integral indirect clean steam generator requires field certification for UL/CSA.

Note: CE marking is not available for 65kw ESG's. CRN available upon request.

Item _____
Location(s)_____
_____

† ESG - Electric Steam Generator
**CRN is available on special basis*

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