

3M™ Steri-Vac™ Sterilizer/ Aerator GS Series



3M™ Steri-Vac™ Sterilizer/Aerator GS Series is a 100% ethylene oxide sterilization system that is an effective low temperature sterilization method for medical devices and other applications. The GS Series sterilizers, Models GS5 and GS8 are designed for use in health care, and Models GS5X and GS8X for use in life science, medical device, contract sterilization, R&D laboratory applications, and other research and industrial applications for terminal sterilization. The GS Series sterilizers provide control and independent monitoring with state-of-the-art, compliant mechanical design.

For more information, contact your 3M Sales Representative or **3M Health Care Customer Helpline: 1-800-364-3577**.

Available in Canada from:
3M Infection Prevention Solutions
3M Canada Company
P.O. Box 5757
London, Ontario N6A 4T1
Canada
1-800-364-3577
www.3M.ca/healthcare

| Specifications | | Models GS5 and GS5X | Models GS8 and GS8X | |
|-------------------------------------|--------------------------------------|--|---|--|
| Dimensions and Weight | Shipping Weight | Single Door | 163 kg (359 lbs.) | 387 kg (852 lbs.) |
| | | Double Door | 172 kg (379 lbs.) | 400 kg (882 lbs.) |
| | Operational Weight | Single Door | 131 kg (290 lbs.) | 314 kg (692 lbs.) |
| | | Double Door | 141 kg (310 lbs.) | 328 kg (722 lbs.) |
| Exterior Dimensions H x W x D | | 70.9×76.2×95.0 cm (27.9×30.0×37.4 in.) | 179.8×94.0×109.0 cm (70.8×37.0×42.9 in.) | |
| Sterilization Chamber | Volume | | 136 L (4.8 ft ³) | 224 L (7.9 ft ³) |
| | Dimensions H x W x D | | 38.0×43.0×83.0 cm (15.0×17.0×32.5 in.) | 46.0×51.0×97.0 cm (18.0×20.0×38.0 in.) |
| | Load Basket Dimensions W x L x H | Lower Basket: | 39.0×80.0×18.0 cm (15.5×31.5×7.0 in.) | 34.0×95.0×20.0 cm (18.5×37.5×8.0 in.) |
| | | Upper Basket: | 39.0×80.0×18.0 cm (15.5×31.5×7.0 in.) | 47.0×47.0×20.0 cm (18.5×18.5×8.0 in.) |
| Sound | Sound Levels | < 85 dBA | | |
| Electrical Power | Voltage Range | | 200–240 VAC | |
| | Frequency | | 50/60 Hz | |
| | Phase | | Single | |
| | Current | | 15 amp dedicated circuit | |
| | Heat Load | | 5500 Btu/hr | 6150 Btu/hr |
| | Internal Circuit Breaker | | 7 amp | 12 amp |
| Environmental Operating Conditions | Altitude | | 2500 M (maximum) | |
| | Operating Temperature | | 15–35°C | |
| | Humidity | | 20–80% relative humidity (non-condensing) | |
| | Room Air Exchanges | | 10 per hour (minimum) | |
| | Minimum Room Size | | 30 m ² (1000 ft ²) | |
| Compressed Air Specifications | Pressure | | 7.0 kg/cm ² (100 psig) minimum to 10.5 kg/cm ² (150 psig) maximum | |
| | Flow Rate | | 2.2 liters per second at 5.3 kg/cm ² (4.7 cubic feet per minute at 75 psig) per sterilizer, 100% duty cycle compressor | |
| | Quality | | Clean air supply with a maximum allowable dirt particle size of 0.5 microns and free of oil | |
| | Moisture Content | | Less than 10°C (50°F) dew point | |
| Required Service Access | Minimum distance from rear wall | | 10.2 cm (4 in.) | |
| | Minimum access on both sides and top | | 51 cm (20 in.) | |
| | Service Footprint H x W x D | | 70 × 76 × 89 cm (27½ × 30 × 35 in.) | 179 × 94 × 109 cm (70½ × 37 × 43 in.) |
| Ethylene Oxide Storage Requirements | Cabinet | | Approved flammable liquid storage cabinet | |
| | Venting | | Vented to outside or to a non-recirculating, continuously operating, dedicated exhaust system | |

Additional site planning information is available in the **3M™ Steri-Vac™ Sterilizer/Aerator GS Series Site Planning & Installation Guide**.

3M Health Care
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