

### **Specifications**

# 3M<sup>™</sup> Steri-Vac<sup>™</sup> Sterilizer/Aerator GS Series



3M<sup>™</sup> Steri-Vac<sup>™</sup> Sterilizer/Aerator GS Series is a 100% ethylene oxide sterilization system that is an effective and safe 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-ofthe-art, compliant mechanical design.

SoundSoundSoundof an active sElectrical PowerLine Voltage200Line Frequency5Phase10Line Current15 amp of Heat LoadHeat Load5,500 Btu/hrCurrent Load10 ampAltitude2,500Operating ConditionsAltitudeRoom Air Exchanges10 per the Minimum Room Size	478 kg (1,054 lbs.)         484 kg (1,066 lbs.)         202 × 117 × 145 cm         (79.25 × 45.75 × 57.125 in.)         261 kg (576 lbs.)         269 kg (593 lbs.)         179.8 × 94.0 × 109.0 cm         (70.8 × 37.0 × 42.9 in.)         224 L (7.9 ft. <sup>3</sup> )         46.0 × 51.0 × 97.0 cm         (18.0 × 20.0 × 38.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.5 × 18.5 in.)         age decibel level         terrilizer is <60 dBA**         0-240 VAC         50/60 Hz         Single         Jedicated circuit         6,150 Btu/hr         12 amp         M (maximum)		
Dimensions and WeightSimplify WeightDouble Door Double Door212 kg (468 lbs.)Crate Dimensions H × W × D96 × 99 × 114 cm (37.75 × 38.625 × 44.875 Double Door96 × 99 × 114 cm (37.75 × 38.625 × 44.875 Double DoorOperational WeightSingle Door Double Door127 kg (281 lbs.)Operational WeightSingle Door Double Door132 kg (290 lbs.)Exterior Dimensions H × W × D96.0 × 98.0 × 114.1 cm (27.9 × 30.0 × 37.4 in.)Sterilization ChamberVolume136 L (4.8 ft.*)ChamberVolume136 L (4.8 ft.*)Load Basket Dimensions H × W × D18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)Half-Depth Upper Basket18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)Half-Depth Upper Basket18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)SoundSound LevelsThe aver of an active sElectrical PowerLine Voltage200 Line FrequencyPhaseLine Current15 amp of 10 ampLine Current Load10 ampAltitude2,500 0perating ConditionsAltitude2,500 10 per t Minimum Room Size30 or 30 or <br< th=""><th>484 kg (1,066 lbs.)         202 × 117 × 145 cm         (79.25 × 45.75 × 57.125 in.)         261 kg (576 lbs.)         269 kg (593 lbs.)         179.8 × 94.0 × 109.0 cm         (70.8 × 37.0 × 42.9 in.)         224 L (7.9 ft.<sup>3</sup>)         46.0 × 51.0 × 97.0 cm         (18.0 × 20.0 × 38.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 47.0 × 47.0 cm         (8.0 × 18.5 × 18.5 in.)         age decibel level         terilizer is &lt;60 dBA**         0-240 VAC         50/60 Hz         Single         dedicated circuit         6,150 Btu/hr         12 amp         M (maximum)</th></br<>	484 kg (1,066 lbs.)         202 × 117 × 145 cm         (79.25 × 45.75 × 57.125 in.)         261 kg (576 lbs.)         269 kg (593 lbs.)         179.8 × 94.0 × 109.0 cm         (70.8 × 37.0 × 42.9 in.)         224 L (7.9 ft. <sup>3</sup> )         46.0 × 51.0 × 97.0 cm         (18.0 × 20.0 × 38.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 47.0 × 47.0 cm         (8.0 × 18.5 × 18.5 in.)         age decibel level         terilizer is <60 dBA**         0-240 VAC         50/60 Hz         Single         dedicated circuit         6,150 Btu/hr         12 amp         M (maximum)		
Dimensions and Weight       Weight       Double Door       212 kg (468 lbs.)         and Weight       Crate Dimensions H × W × D       96 × 99 × 114 cm (37.75 × 38.625 × 44.875 Operational Weight)         Operational Weight       Single Door       127 kg (281 lbs.)         Operational Weight       Single Door       127 kg (281 lbs.)         Sterilization Chamber       Exterior Dimensions H × W × D       96.0 × 98.0 × 114.1 cm (27.9 × 30.0 × 37.4 in.)         Sterilization Chamber       Volume       136 L (4.8 ft.²)         Load Basket       Dimensions H × W × D       136 L (4.8 ft.²)         Load Basket       Lower Basket       18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)         H × W × D       Full-Depth Upper Basket       18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)         Full-Depth Upper Basket       Upper Basket       N/A         Sound       Sound Levels       The aver of an active s         Electrical Power       Line Voltage       200         Phase       Line Current       15 amp of an active s         Phase       Line Current Load       5,500 Btu/hr         Conditions       Altitude       2,500         Operating Temperature       10 amp         Goperating Temperature       10 amp         Room Air Exchanges       10 per textore	202 × 117 × 145 cm         (79.25 × 45.75 × 57.125 in.)         261 kg (576 lbs.)         269 kg (593 lbs.)         179.8 × 94.0 × 109.0 cm         (70.8 × 37.0 × 42.9 in.)         224 L (7.9 ft. <sup>3</sup> )         46.0 × 51.0 × 97.0 cm         (18.0 × 20.0 × 38.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.5 × 18.5 in.)         age decibel level         terilizer is <60 dBA**		
Crate Dimensions H × W × D96 × 99 × 114 cm (37.75 × 38.625 × 44.875)Operational WeightSingle Door Double Door127 kg (281 lbs.) Double DoorSterilization ChamberExterior Dimensions H × W × D96.0 × 98.0 × 114.1 cm (27.9 × 30.0 × 37.4 in.)Sterilization ChamberVolume136 L (4.8 ft.)Dimensions H × W × D38.0 × 43.0 × 83.0 cm (15.0 × 17.0 × 32.5 in.)Load Basket Dimensions H × W × DLower Basket18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)Full-Depth Upper Basket18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)SoundSound LevelsThe aver of an active sElectrical PowerLine Voltage200 Line FrequencyPhaseLine Current15 amp of Heat LoadOperating ConditionsAltitude2,500 Uper Uper SoundEnvironmental Operating ConditionsAltitude2,500 HumidityOperating ConditionsAltitude3,00 m Sound	in.)       (79.25 × 45.75 × 57.125 in.)         261 kg (576 lbs.)         269 kg (593 lbs.)         179.8 × 94.0 × 109.0 cm (70.8 × 37.0 × 42.9 in.)         224 L (7.9 ft.³)         46.0 × 51.0 × 97.0 cm (18.0 × 20.0 × 38.0 in.)         220.0 × 45.7 × 94.0 cm (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm (8.0 × 18.5 × 18.5 in.)         20.0 × 47.0 × 47.0 cm (8.0 × 18.5 × 18.5 in.)         age decibel level terilizer is <60 dBA**		
WeightDouble Door132 kg (290 lbs.)Exterior Dimensions96.0 × 98.0 × 114.1 cm (27.9 × 30.0 × 37.4 in.)Sterilization ChamberVolume136 L (4.8 ft.)Dimensions H × W × D38.0 × 43.0 × 83.0 cm (15.0 × 17.0 × 32.5 in.)Load Basket Dimensions H × W × DLower Basket18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)Full-Depth Dimensions H × W × DLower Basket18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)SoundSound LevelsThe aver of an active sElectrical PowerLine Voltage200 Line FrequencyLine Current15 amp of Heat Load5,500 Btu/hr Current LoadEnvironmental Operating ConditionsAltitude2,500 HumidityOperating Room Air Exchanges10 per Minimum Room Size30 n	269 kg (593 lbs.)         179.8 × 94.0 × 109.0 cm (70.8 × 37.0 × 42.9 in.)         224 L (7.9 ft. <sup>3</sup> )         46.0 × 51.0 × 97.0 cm (18.0 × 20.0 × 38.0 in.)         20.0 × 45.7 × 94.0 cm (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm (8.0 × 18.5 × 18.5 in.)         age decibel level terilizer is <60 dBA**		
Exterior Dimensions H × W × D     96.0 × 98.0 × 114.1 cm (27.9 × 30.0 × 37.4 in.)       Sterilization Chamber     Volume     136 L (4.8 ft.3)       Load Basket Dimensions H × W × D     18.0 × 43.0 × 83.0 cm (15.0 × 17.0 × 32.5 in.)       Load Basket Dimensions H × W × D     Lower Basket     18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)       Full-Depth Dimensions H × W × D     Lower Basket     18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)       Sound     Sound Levels     The aver of an active st       Electrical Power     Line Voltage     200       Line Frequency     5       Phase     Line Current     15 amp of 4 Heat Load       Current Load     10 amp       Altitude     2,500       Operating Conditions     Altitude     2,500       Minimum Room Size     30 n	179.8 × 94.0 × 109.0 cm (70.8 × 37.0 × 42.9 in.)         224 L (7.9 ft.3)         46.0 × 51.0 × 97.0 cm (18.0 × 20.0 × 38.0 in.)         20.0 × 45.7 × 94.0 cm (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm (8.0 × 18.5 × 18.5 in.)         age decibel level terilizer is <60 dBA**		
H × W × D     (27.9 × 30.0 × 37.4 in.)       Sterilization Chamber     Volume     136 L (4.8 ft.3)       Dimensions H × W × D     38.0 × 43.0 × 83.0 cm (15.0 × 17.0 × 32.5 in.)       Load Basket Dimensions H × W × D     Lower Basket     18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)       Full-Depth Upper Basket     Upper Basket     18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)       Sound     Full-Depth Upper Basket     18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)       Full-Depth Upper Basket     18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)       Electrical Power     Line Voltage     200       Line Frequency     5       Phase     1       Line Current     15 amp of Heat Load       Line Current Load     10 amp       Altitude     2,500       Operating Conditions     Altitude     2,500       Minimum Room Size     10 per t	<ul> <li>(70.8 × 37.0 × 42.9 in.)</li> <li>224 L (7.9 ft.<sup>3</sup>)</li> <li>46.0 × 51.0 × 97.0 cm (18.0 × 20.0 × 38.0 in.)</li> <li>20.0 × 45.7 × 94.0 cm (8.0 × 18.0 × 37.0 in.)</li> <li>20.0 × 45.7 × 94.0 cm (8.0 × 18.0 × 37.0 in.)</li> <li>20.0 × 47.0 × 47.0 cm (8.0 × 18.5 × 18.5 in.)</li> <li>20.0 × 47.0 × 47.0 cm (8.0 × 18.5 × 18.5 in.)</li> <li>age decibel level terilizer is &lt;60 dBA**</li> <li>2-240 VAC</li> <li>50/60 Hz</li> <li>Single</li> <li>dedicated circuit</li> <li>6,150 Btu/hr</li> <li>12 amp</li> <li>M (maximum)</li> </ul>		
Sterilization Chamber       Dimensions H × W × D       38.0 × 43.0 × 83.0 cm (15.0 × 17.0 × 32.5 in.)         Load Basket Dimensions H × W × D       Lower Basket       18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)         Full-Depth Dimensions H × W × D       I8.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)         Full-Depth Dimensions H × W × D       18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)         Sound       Sound Levels       18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)         Basket       Half-Depth Upper Basket       18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)         Basket       Line-Depth Upper Basket       18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)         Basket       Line-Depth Upper Basket       18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)         Basket       Line Voltage       200         Line Voltage       200       200         Line Voltage       200         Phase       15 amp of Heat Load       5,500 Btu/hr         Current Load       10 amp       0         Altitude       2,500       0         Operating Conditions       Altitude       20–80% relative H         Room Air Exchanges       10 per H         Minimum Room Size       30 n	46.0×51.0×97.0 cm (18.0×20.0×38.0 in.)         20.0×45.7×94.0 cm (8.0×18.0×37.0 in.)         20.0×45.7×94.0 cm (8.0×18.0×37.0 in.)         20.0×45.7×94.0 cm (8.0×18.0×37.0 in.)         20.0×47.0×47.0 cm (8.0×18.5×18.5 in.)         age decibel level terilizer is <60 dBA**		
Chamber     Dimensions H × W × D     38.0 × 43.0 × 83.0 cm (15.0 × 17.0 × 32.5 in.)       Load Basket Dimensions H × W × D     Lower Basket     18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)       Full-Depth Upper Basket     18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)       Sound     Full-Depth Upper Basket     18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)       Full-Depth Upper Basket     18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)       Sound     Sound Levels     The aver of an active s       Electrical Power     Line Voltage     200       Line Frequency     5       Phase     15       Line Current     15 amp of 10 amp       Heat Load     5,500 Btu/hr       Operating Conditions     Altitude     2,500       Minimum Room Size     10 per to	(18.0 × 20.0 × 38.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm         (8.0 × 18.0 × 37.0 in.)         20.0 × 47.0 × 47.0 cm         (8.0 × 18.5 × 18.5 in.)         age decibel level         terilizer is <60 dBA**		
Basket     (7.0 × 15.5 × 31.5 in.)       Full-Depth Upper Basket*     18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)       H × W × D     Half-Depth Upper Basket*     18.0 × 39.0 × 80.0 cm (7.0 × 15.5 × 31.5 in.)       Sound     Sound Levels     N/A       Sound     Sound Levels     The aver of an active s       Electrical Power     Line Voltage     200       Line Frequency     55       Phase     10       Heat Load     5,500 Btu/hr       Operating Conditions     Altitude     2,500       Humidity     20–80% relative frequency       Room Air Exchanges     10 per frequency	(8.0 × 18.0 × 37.0 in.)         20.0 × 45.7 × 94.0 cm (8.0 × 18.0 × 37.0 in.)         20.0 × 47.0 × 47.0 cm (8.0 × 18.5 × 18.5 in.)         age decibel level terilizer is <60 dBA**		
Line Voltage     200       Basket*     Iteration       H × W × D     Half-Depth Upper Basket     N/A       Sound     Sound Levels     The aver of an active s       Electrical Power     Line Voltage     200       Line Frequency     55       Phase     15 amp of Heat Load       Environmental Operating Conditions     Altitude     2,500       Operating Conditions     Altitude     2,500       Minimum Room Size     30 n	(8.0 × 18.0 × 37.0 in.)         20.0 × 47.0 × 47.0 cm (8.0 × 18.5 × 18.5 in.)         age decibel level terilizer is <60 dBA**		
Upper Basket     N/A       Sound     Sound Levels     The aver of an active s       Electrical Power     Line Voltage     200       Line Frequency     55       Phase     10       Line Current     15 amp of Heat Load       Altitude     2,500       Operating Conditions     Altitude       Room Air Exchanges     10 per 10 per	(8.0 × 18.5 × 18.5 in.) age decibel level terilizer is <60 dBA** 0-240 VAC 0/60 Hz Single dedicated circuit 6,150 Btu/hr 12 amp M (maximum)		
Sound     Sound Levels     of an active s       Electrical Power     Line Voltage     200       Line Frequency     5       Phase     1       Line Current     15 amp of Heat Load       Heat Load     5,500 Btu/hr       Operating Conditions     Altitude       Room Air Exchanges     10 per the Minimum Room Size	terilizer is <60 dBA** D-240 VAC 50/60 Hz Single dedicated circuit 6,150 Btu/hr 12 amp M (maximum)		
Electrical Power     Line Frequency     5       Phase     Image: Constraint of the second	iO/60 Hz Single Jedicated circuit 6,150 Btu/hr 12 amp M (maximum)		
Power     Line Frequency     5       Phase     Image: Constraint of the second seco	Single dedicated circuit 6,150 Btu/hr 12 amp M (maximum)		
Phase       Line Current     15 amp of Fleat Load       Heat Load     5,500 Btu/hr       Current Load     10 amp       Operating Conditions     Altitude       Room Air Exchanges     10 per Hair       Minimum Room Size     30 m	dedicated circuit 6,150 Btu/hr 12 amp M (maximum)		
Heat Load     5,500 Btu/hr       Current Load     10 amp       Current Load     10 amp       Altitude     2,500       Operating     Operating Temperature       Humidity     20-80% relative from the second s	6,150 Btu/hr 12 amp M (maximum)		
Current Load         10 amp           Environmental Operating Conditions         Altitude         2,500           Uperating Temperature         15-35           Humidity         20-80% relative H           Room Air Exchanges         10 per H           Minimum Room Size         30 m	12 amp M (maximum)		
Environmental Operating Conditions Altitude 2,500 Operating Temperature 15–35 Humidity 20–80% relative H Room Air Exchanges 10 per H Minimum Room Size 30 n	M (maximum)		
Environmental Operating Conditions Derating Temperature Humidity Room Air Exchanges Minimum Room Size	<u>·</u> · · ·		
Operating Conditions	°C (59–95°F)		
Conditions Humidity 20-80% relative h Room Air Exchanges 10 per h Minimum Room Size 30 n	15–35°C (59–95°F)		
Minimum Room Size 30 n	20–80% relative humidity (non-condensing)		
	10 per hour (minimum)		
	30 m³ (1,000 ft.³)		
Compressed Pressure to 10.5 kg/cm	7.0 kg/cm² (100 psig) minimum to 10.5 kg/cm² (150 psig) maximum		
Specifications Flow Rate (4.7 cubic feet per min	2.2 liters per second at 7.0 kg/cm² (4.7 cubic feet per minute at 100 psig) per sterilizer, 100% duty cycle compressor		
	h a maximum allowable dirt .5 microns and free of oil		
Moisture Content Less than 10	Less than 10°C (50°F) dew point		
from Rear Wall	10.2 cm (4 in.)***		
Service Access         Minimum Access on Both Sides and Top         51	51 cm (20 in.)		
Service Footprint         122 × 177.8 × 146 cm           H × W × D         (47.9 × 70.0 × 57.4 in.)	231 × 196 × 160 cm (40.8 × 77.0 × 62.9 in.)		
Ethylene Cabinet Approved flamma			
Oxide Storage Venting continuously operating	able liquid storage cabinet		
Requirements IO air exchanges p	able liquid storage cabinet e or to a non-recirculating, ig, dedicated exhaust system, er hour required in cabinet		

\*Full upper basket (as opposed to 2 half baskets) are available to GS8 or GS8X customers as a separately-purchased accessory item.

\*\*Contact 3M for more information.

\*\*If the sterilizer is able to be moved for servicing, otherwise 51 cm (20 in.) is required.

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

### Specifications

## **3M<sup>™</sup> EO Abator**



The 3M<sup>°°</sup> EO Abator is a highly effective device used to catalytically convert 100% ethylene oxide gas exhausted from the 3M<sup>°°</sup> Steri-Vac<sup>°°</sup> Sterilizer/Aerators GS and GSX Series to CO<sub>2</sub> and water vapor. At normal operating conditions, removal efficiency is 99.9+% (when EO is >100 ppm), virtually eliminating emissions to meet environmental requirements. The 3M EO Abator is designed exclusively for use with 3M<sup>°°</sup> Steri-Vac<sup>°°</sup> Sterilizer/Aerators GS and GSX Series.

	3M <sup>™</sup> EO Abator		
Physical Dimensions			
Height	800 mm (31.5 in.)		
Width	900 mm (36 in.)		
Depth	1050 mm (41.5 in.)		
Weight	Operating: 155.6 kg (343 lbs.) Shipping: 245.8 kg (542 lbs.)		
Shipping Crate Dimensions	Abator (H x W x D): 97 × 102 × 122 cm (38 × 40 × 48 in.)		
Sound Levels	<85 dBA		
Electrical Power Requirements	3		
Line Frequency	50–60 Hz		
Installation/Over Voltage Category	Category II		
Distance from Earth Ground to Abator	<40 m (130 ft.)		
Model	Line Voltage	Line Current	
Model 50 AN (US/Canada)	220–240V Single Phase Volts AC 30		
Model 50AE (Europe)	400V (±10%), Three Phase Volts AC 17 A		
	200V (±10%), Three Phase Volts AC 28 Amps		

### **Required Environmental Operating Conditions**

Altitude	≤ 2500 meters
Relative Humidity	20-80 % (non-condensing)
Operating Temperature	1–40°C (34–104°F)
ExhaustTemperature	Idle (Ready): 138°C (280°F) Normal: 238°C (460°F) Maximum: 260°C (500°F)

#### **Abator Operating Parameters**

Pollution Degree	2
Heat Source	6 kW Electric Duct Heater
Maximum Air Flow	1.4 NCMM (50 SCFM)
Maximum EO Feed Rate	7.7 g/min (0.017 lbs/min)

#### **Required Service Access**

Service Footprint (H × W × D)	171.45 × 193.04 × 166.37 cm (67.5 × 76.0 × 65.5 in.)
Top/Above Unit	900 mm (36 in.)
Left and Right Sides	500 mm (20 in.)
Front Side	500 mm (20 in.)
Back Side	100 mm (4 in.)

### Requirements for Length and Diameter of Vent Line for EO Inlet

Number of Sterilizers connected to Abator	Length <31 m (100 ft.)	31 m (100 ft.) ≤ length, 61 m (200 ft.)	31 m (100 ft.) ≤ length <61 m (200 ft.)
1	2.5 cm (1.0 in.)		
2*	2.5 cm (1.0 in.)	3.8 cm (1.5 in.)	3.8 cm (1.5 in.)

\*Note: The XL Series sterilizer cannot be combined with a GS/GSX Series sterilizer when connecting two sterilizers to one abator.

## For more information, U.S. customers contact the 3M Health Care Service Group Helpline: 1-800-292-6298.

Outside of the U.S., contact your local 3M office. See 3M.com for office locations.

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