



STERRAD[®] NX[®]

Helpful Pre-Installation Hints for Your Transition from the STERIS[®] System 1* (SS1) to the STERRAD[®] NX[®] System.

Thank you for choosing the STERRAD[®] NX[®] System for your facility! In the near future, a highly trained ASP field service engineer will be on site to install your STERRAD[®] NX[®] System. The following are some pre-installation considerations that will assist in making your installation experience as seamless as possible.

SELECT AN APPROPRIATE LOCATION FOR YOUR STERRAD[®] NX[®] SYSTEM

ASP recommends mounting your system on a specially-designed STERRAD[®] NX[®] System cart. Your ASP field representative will bolt the system to the cart for security. The cart also features wheels for easy removal of the system during maintenance. If you prefer to place your STERRAD[®] NX[®] System on a countertop, please note that the STERRAD[®] NX[®] System weighs 275 pounds, not including contents.

The selected location should also allow for easy access and removal of all four sides of the unit and for a minimum 24-inch clearance above and to the right of the unit. During future maintenance, the sides of the unit may be removed for proper servicing.

CONDUCT AN ELECTRICAL ASSESSMENT

Arrange for a certified electrician to perform a voltage drop calculation to assess whether an increased wire gauge will be required. For the STERRAD[®] NX[®] System to function properly, requirements include a single phase dedicated circuit with dedicated hot and neutral wires, and a NEMA 5-20 receptacle with a 20 amp circuit. Wire gauge should be of a sufficient size to maintain 108-132 VAC with 16 amps of continuous current and 40 amps of momentary current. The STERRAD[®] NX[®] Sterilizer has a vacuum pump which will cause the sterilizer to draw up to 40 amps of current for 1 to 2 seconds when the pump starts. If the wire gauge is too small, when the vacuum pump starts the line voltage at the outlet will drop to a level which can cause the sterilizer to reboot. Have the electrician use a voltage drop calculator to ensure the line voltage at the outlet does not drop below 108 Volts AC during the 1 to 2 seconds of 40 amps current draw.

DE-INSTALL THE SS1

The SS1, as well as any water filtration devices or associated plumbing, must be completely removed prior to your STERRAD[®] NX[®] System installation.

SECURE ALTERNATE STERILIZATION AREA DURING INSTALLATION

After the SS1 and water filtration devices have been removed, it will take approximately eight hours to install the STERRAD[®] NX[®] System and an additional 24 hours to read the system's biological indicators. ASP recommends that you arrange for an alternate means of sterilization for at least 48 hours while your system is installed and tested.



Thank you for choosing the STERRAD[®] NX[®] System. Please feel free to contact ASP at 888-783-7723, or visit www.aspjj.com if you have any questions. We look forward to helping you safely achieve sterilization in the OR.



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PRE-INSTALLATION CHECKLIST FOR STERRAD[®] NX[®] SYSTEM

STERRAD [®] NX [®] System Location		YES
Using STERRAD [®] NX [®] System cart or a countertop that meets specification		<input type="checkbox"/>
24-inch clearance above unit		<input type="checkbox"/>
24-inch clearance to right of unit		<input type="checkbox"/>
System is at least 1 inch from the wall at the rear		<input type="checkbox"/>
Easy access to and removal of all four sides		<input type="checkbox"/>
Power receptacle is 12 to 24 inches above the floor		<input type="checkbox"/>
Electrical Assessment		
Single phase dedicated circuit with dedicated hot and neutral wires, and a NEMA 5-20 receptacle with a 20 amp circuit breaker. Wire gauge sufficient to maintain 108-132 VAC with 16 amps continuous and 40 amps momentary current. Please see additional requirements on previous page under the heading CONDUCT AN ELECTRICAL ASSESSMENT		<input type="checkbox"/>
SS1 Removed		
System disconnected and removed from area		<input type="checkbox"/>
Water filtration devices and plumbing removed		<input type="checkbox"/>
Alternate Sterilization Location		
Plans confirmed for alternative sterilization location for 48 hours		<input type="checkbox"/>

SUMMARY OF STERRAD[®] NX[®] SYSTEM TECHNICAL SPECIFICATIONS

		System Only	System with Cart
DIMENSIONS & WEIGHT	Height	33 in / 84 cm	62.1 in / 158 cm
	Width	22 in / 56 cm	24 in / 61 cm
	Depth	32 in / 81 cm	35 in / 89 cm
	Weight	275 lb / 125 kg	411 lb / 187 kg
	INSTALLATION &	Placement	Cart-mounted on specially-designed STERRAD [®] NX [®] System cart (recommended) or countertop.
ELECTRICAL REQUIREMENTS	Connections	108-132 VAC 20A dedicated NEMA 5-20 receptacle to supply 16A continuous and 40A momentary current – Please see additional requirements on previous page under the heading CONDUCT AN ELECTRICAL ASSESSMENT.	
	Power	Power receptacle should be positioned 12 in to 24 in (30.5 cm to 61 cm) above the floor.	
SERVICE REQUIREMENTS	Placement	In operation, the STERRAD [®] NX [®] System should not be placed closer than 1 in (25 mm) to a wall at the rear.	
	Access	The sterilizer should be installed in a space that allows easy access to all 4 sides of the system.	
	Clearance	Service access requires a minimum clearance of 24 in (61 cm) above the top and 24 in (61 cm) to the right of the system.	
OPERATIONAL ENVIRONMENT	Temperature	64°F to 95°F / 18°C to 35°C	
	Humidity	Humidity 10% to 85% up to 86°F, linearly decreasing from 85% at 86°F to 70% at 95°F, 10 air exchanges/hour	



ADVANCED STERILIZATION PRODUCTS

Division of Ethicon, Inc.

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