



INSTALLATION AND ELECTRICAL REQUIREMENTS

Electrical power specifications	<ul style="list-style-type: none"> • US: 208 VAC, 60 Hz, 3-phase wye configuration circuit with separate neutral and ground conductors; Can be installed to EITHER a dedicated 20-amp circuit or dedicated 30-amp circuit. For 20-amp circuit, requires NEMA L 21-20R five wire grounding twist lock outlet; For 30-amp circuit, requires NEMA L21-30 5-wire grounding twist-lock outlet • Canada: 208 VAC, 60 Hz, NEMA L21-30 5-wire grounding twist-lock outlet attached to a dedicated 30-amp, 3-phase wye configuration circuit with separate neutral and ground conductors • International: 380-415 VAC, 50/60 Hz, 5-wire grounding outlet attached to a dedicated 30-amp, 3-phase wye configuration circuit with separate neutral and ground conductors • Japan: 200 VAC, 50/60 Hz: 4-wire grounding outlet attached to a dedicated 30-amp, 3-phase delta configuration with separate ground conductor
Installation space requirements	In operation, the STERRAD® 100NX System with ALLClear® Technology should not be placed closer than 2 in (50.8 mm) from the rear wall. The power receptacle should be positioned 12 in to 24 in (30.5 to 61 cm) above the floor. For recessed systems, a clearance of 1 in (25 mm) from the top of the system and 1.8 in (45 mm) on each side of the system is required.
Service space requirements	Service access requires a minimum clearance of 24 in (610 mm) above the top and approximately 39 in on all sides of the system (can be less if the system can be moved for servicing).

OPERATIONAL ENVIRONMENT

Temperature	64.4°F-95°F (18°C-35°C)
Humidity	10%-85% RH (noncondensing)

NETWORKING AND DATA RECORDING

System performance data and reports	Cycle history, full 1-second data files, and reports available via ASP ACCESS™ Technology
Network connectivity	Communication protocol for Instrument Tracking Systems (ITS) available via ASP ACCESS™ Technology
Data recording	<ul style="list-style-type: none"> • Electronic data storage up to 200 cycles • Internal printer for manual recordkeeping • Full electronic cycle data and reports via ASP ACCESS™ Technology

SYSTEM ORDERING INFORMATION

CODE	PRODUCT DESCRIPTION
10104-005	STERRAD® 100NX Sterilization System with ALLClear® Technology, single-door unit, STANDARD & FLEX cycles, includes installation
10104-006	STERRAD® 100NX Sterilization System with ALLClear® Technology, double-door unit, STANDARD & FLEX cycles, includes installation
10104-007	STERRAD® 100NX Sterilization System with ALLClear® Technology, single-door unit, STANDARD, FLEX, EXPRESS, and DUO cycles, includes installation
10104-008	STERRAD® 100NX Sterilization System with ALLClear® Technology, double-door unit, STANDARD, FLEX, EXPRESS, and DUO cycles, includes installation
10144	STERRAD® 100NX System Cassette (2 cassettes/case)
20227	Cassette Disposal Box (10 boxes/case)
10135	STERRAD® 100NX System EXPRESS Cycle Kit
10137	STERRAD® 100NX System DUO Cycle Kit
10305	Thermal Printer Paper (12 rolls/case)
113617-01	STERRAD® Systems Bar Code Scanner Kit



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THE STERRAD® 100NX SYSTEM with ALLClear® Technology

JUST LOAD AND GO



Productive
Reduces workflow interruptions

Connected
Enhances compliance, automatically*

Easy
Designed with simplicity in mind to reduce the potential for human error

Please read and follow the Instructions for Use (IFU) prior to using for important information, including contraindications, warnings, and proper directions. STERRAD® and STERRAD ALLClear® are registered trademarks of Advanced Sterilization Products, division of Ethicon US, LLC, a Johnson & Johnson company. ASP ACCESS™ is a trademark of Advanced Sterilization Products, division of Ethicon US, LLC, a Johnson & Johnson company.

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CYCLE SPECIFICATIONS

Cycles	Standard: sterilizes most general surgical instruments Flex: sterilizes up to 2 single-channel flexible endoscopes Express: sterilizes da Vinci® 3-D endoscopes and other delicate instruments without lumens Duo: sterilizes cameras and up to 2 single-channel flexible endoscopes
Time	Standard: 47 minutes Flex: 42 minutes Express: 24 minutes Duo: 60 minutes
Lumen claims	Standard: diameter: ≥0.7 mm; length: ≤500 mm Flex: diameter: ≥1 mm; length: ≤850 mm Express: nonlumen sterilization only Duo: diameter: ≥1 mm; length: ≤875 mm

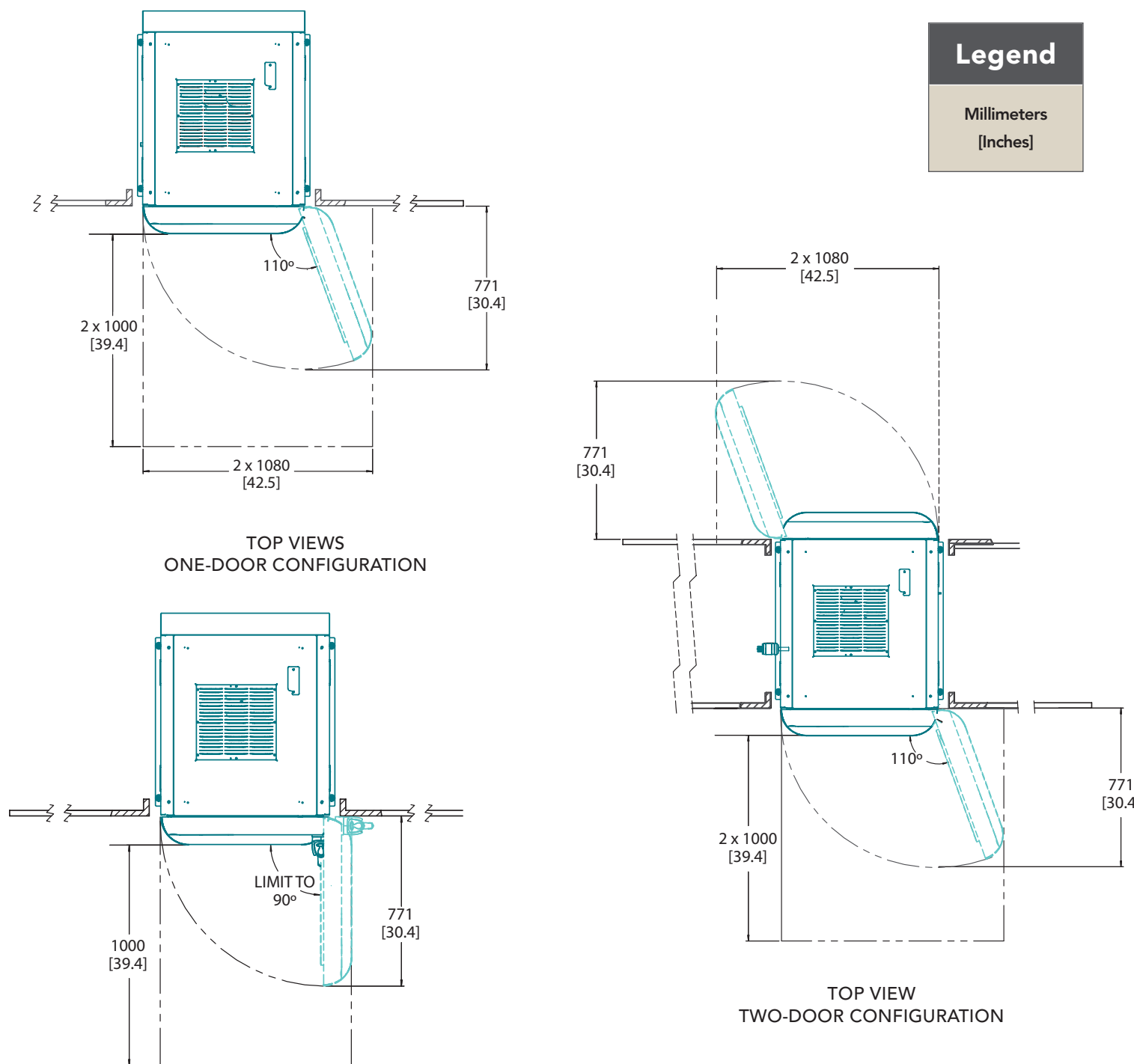
TECHNICAL SPECIFICATIONS

Cycle temperature	47°C-56°C (116.6°F-132.8°F)
Sterilant	Hydrogen peroxide
Sterilant delivery	Delivered in closed system in cassettes with automatic detection of expiration date: Standard/Express/Flex: 10.8 mL per cycle (double kill) (2 ampules, each ampule is 5.4 mL) Duo: 3.1 mL per cycle (1.55mL per half cycle)
Used cassette disposal	Automatic and touchless ejection into cassette disposal container
Peroxide residual breakdown	Gas plasma technology breaks down H ₂ O ₂ to safe elements of water and oxygen
Configurations	Single and double doors
System dimensions (maximum)	Height: 70.9 in (1800 mm) Width: 30.5 in (775 mm) Depth: single door: 41.5 in (1055 mm); double door: 43.1 in (1095 mm)
Chamber total volume	152 L
Chamber dimensions	Height: 16.1 in (410 mm) Width: 20.1 in (510 mm) Depth: 28.93 in (735 mm)
Chamber shape	Rectangular
Shelf info	Two-tiered shelf: Width: 17.5 in (444 mm) Depth: 25.3 in (643 mm)
Mobility	4 casters (2 locking, 2 swivel)
System weight	1 door: 842 lbs (382 kg) 2 door: 900 lbs (408 kg)
User interface	Touchscreen technology: projected capacitive touch Resolution: 800 x 600 pixels
Supported USB devices	<ul style="list-style-type: none"> Barcode reader External drives: USB that allows data upload and download External printer connection (PCL3 compatible or equivalent)
Standards/Compliance	ISO 14937

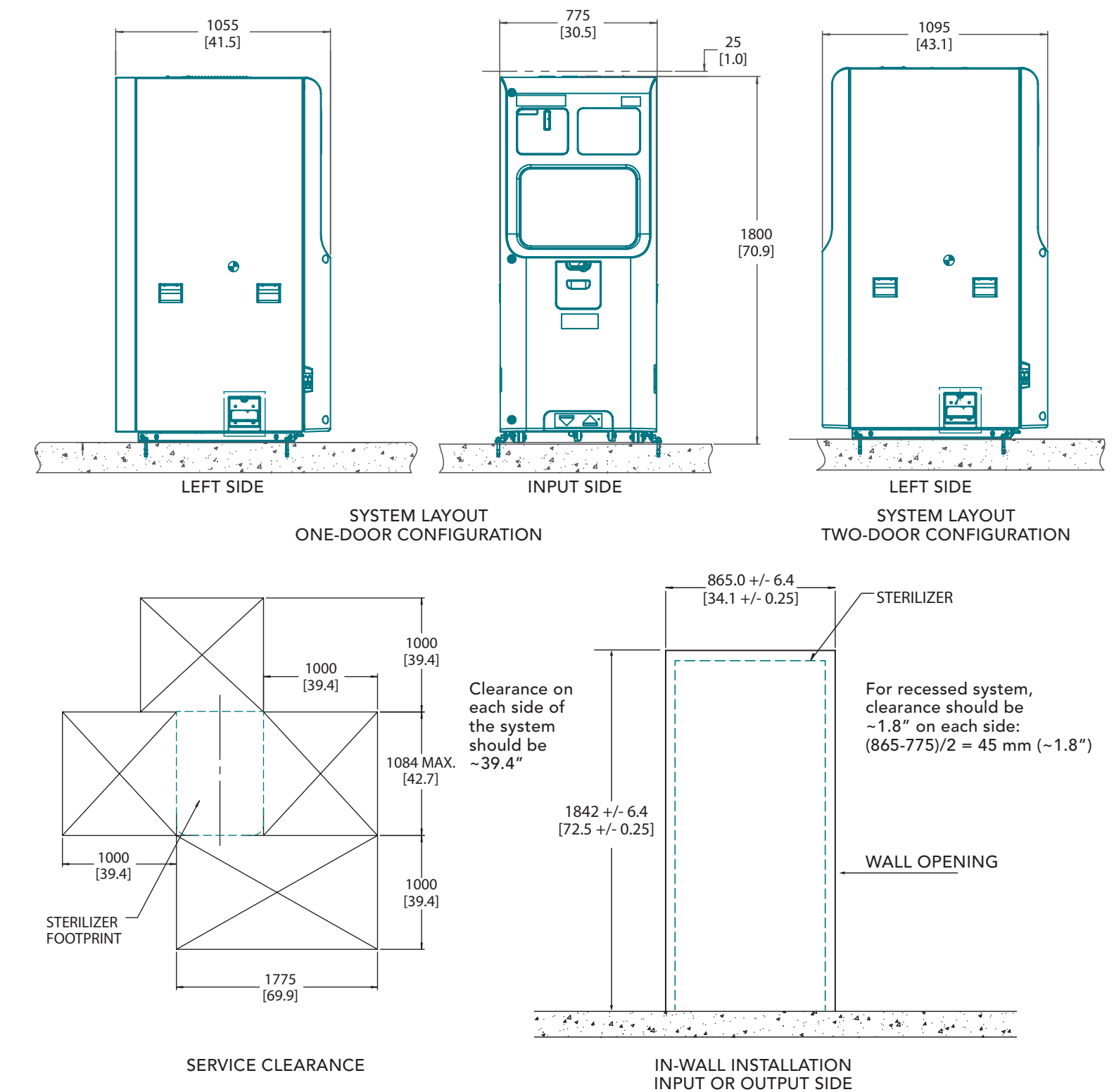
STERILIZATION SPECIFICATIONS

Sterilization process	Terminal-sterilization, double-kill cycle to provide a Sterility Assurance Level (SAL) of 10 ⁻⁴ ; 2 injections and identical plasma phases
Delivered sterilant concentration	58%-59.6%
Sterilization cycle monitoring	Critical system parameters monitored with on-board sensors, biological indicators, and chemical indicators; IMS (independent monitoring system) available
H₂O₂ concentration continuous monitoring	Monitoring using UV sensor within the chamber

SPACE PLANNING DIMENSIONS



SYSTEM DIMENSIONS



FOR MORE INFORMATION
Contact your ASP representative at 888-783-7723 or visit www.aspjj.com



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