STERRAD™ 100NX

with ALLClear™ TECHNOLOGY

Productive
REDUCES WORKFLOW INTERRUPTIONS

Connected
ENHANCES COMPLIANCE AUTOMATICALLY*

Easy
DESIGNED WITH SIMPLICITY IN MIND TO REDUCE THE POTENTIAL FOR HUMAN ERROR

***STERRAD™ Systems with ALLClear™** Technology have features that may enhance compliance, including greater adherence to device IFUs and improved record handling.

Installation and Electrical Requirements

HEAT GENERATION	**Idle:** 4574 BTU/hour **Maximum:** 6187 BTU/hour
ELECTRICAL POWER SPECIFICATIONS	• US/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 conductors
INSTALLATION SPACE REQUIREMENTS	In operation, the STERRAD 100NX™ System with ALLClear™ Technology should not be placed closer than 50.8 mm from the rear wall. The power receptacle should be positioned 30.5 to 61 cm above the floor. For recessed systems, a clearance of 25 mm from the top of the system and 45 mm on each side of the system is required.
SERVICE SPACE REQUIREMENTS	Service access requires a minimum clearance of 610 mm above the top and approximately 991 mm in on all sides of the system (can be less if the system can be moved for servicing).

Operational Environment

TEMPERATURE	18°C - 35°C
HUMIDITY	10% - 85% RH (non-condensing)

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	• 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 and DUO cycles, includes installation
10104-008	STERRAD™ 100NX Sterilization System with ALLClear™ Technology, double-door unit, STANDARD, FLEX and DUO cycles, includes installation
10144	STERRAD™ 100NXSystem 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

ASP™ | STERRAD™ 100NX with ALLClear™ TECHNOLOGY

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
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
USED CASSETTE DISPOSAL	Automatic and touchless ejection into cassette disposal container
PEROXIDE RESIDUAL BREAKDOWN	Gas plasma technology breaks down H_2O_2 to safe elements of water and oxygen
CONFIGURATIONS	Single and double doors
SYSTEM DIMENSIONS (MAXIMUM)	**Height:** 1800 mm **Width:** 775 mm **Depth:** single door: 1055 mm; double door: 1095 mm
CHAMBER TOTAL VOLUME	152 L
CHAMBER DIMENSIONS	**Height:** 410 mm **Width:** 510 mm **Depth:** 735 mm
CHAMBER SHAPE	Rectangular
SHELF INFO	**Two-tiered shelf:** **Width:** 444 mm **Depth:** 643 mm
MOBILITY	4 casters (2 locking)
SYSTEM WEIGHT	**1 door:** 382 kg **2 door:** 408 kg
USER INTERFACE	**Touchscreen technology:** projected capacitive touch **Resolution:** 800 x 600 pixels
SUPPORTED USB DEVICES	• Barcode reader • External drives: USB that allows data upload and download • External printer connection (PCL3 compatible or equivalent)
STANDARDS/COMPLIANCE	ISO 14937

*Always refer to the STERRAD™ Sterility Guide (www.sterradsterilityguide.com) for the latest updates on instruments' validations and cycles and systems' compatibility.

Sterilization Specifications

STERILIZATION PROCESS	Terminal-sterilization, double-kill cycle to provide a Sterility Assurance Level (SAL) of 10^{-6}; 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
H_2O_2 CONCENTRATION CONTINUOUS MONITORING	Monitoring using UV sensor within the chamber

For more information

Visit **www.asp.com** or contact your local **ASP** representative

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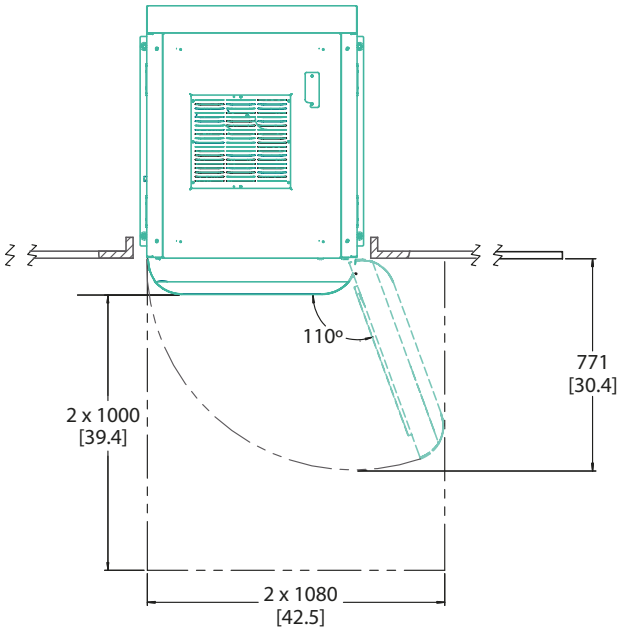
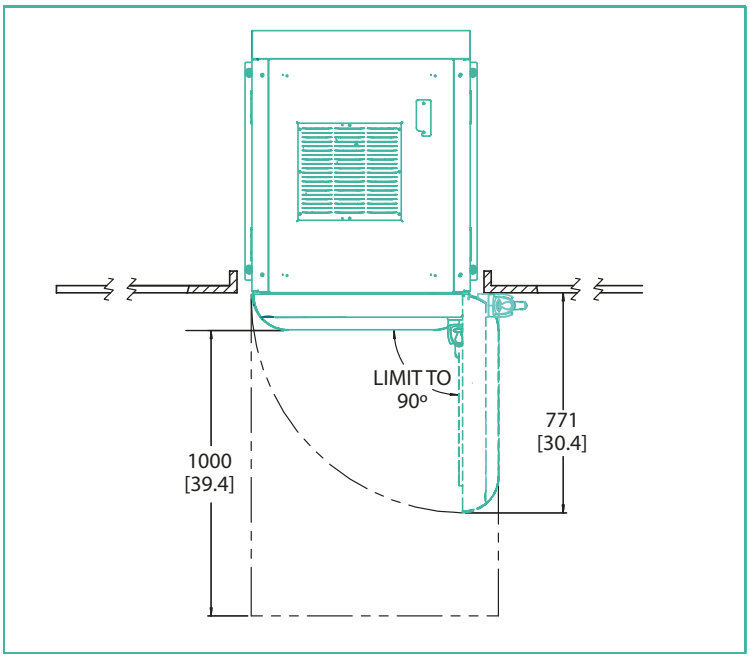
Space Planning Dimensions

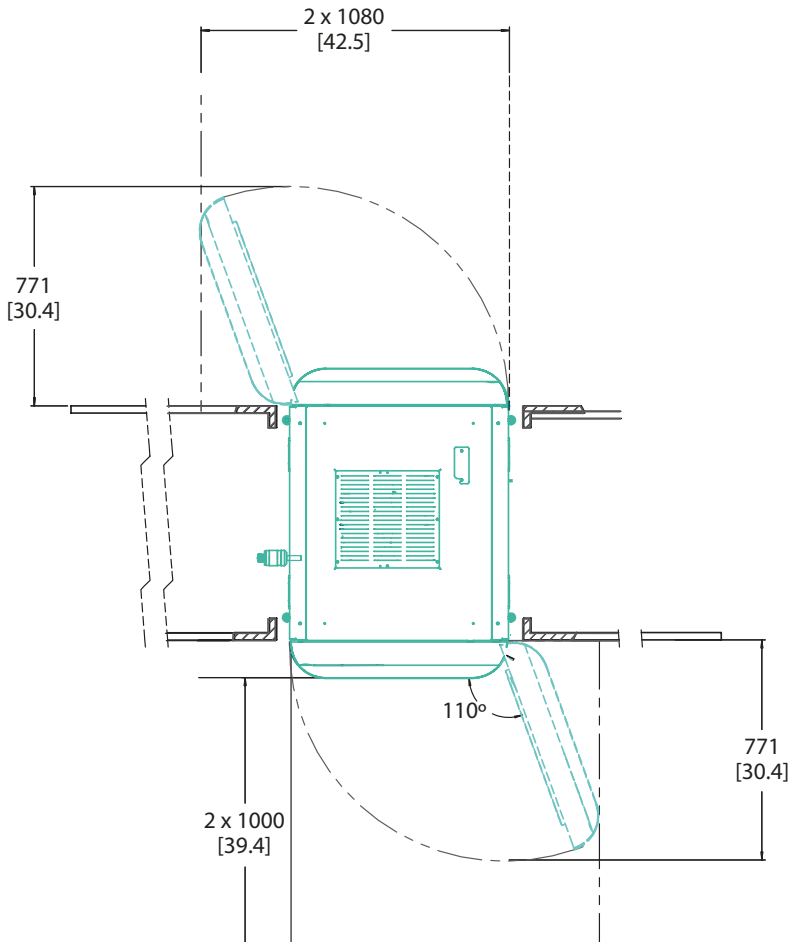


TOP VIEWS
ONE-DOOR CONFIGURATION

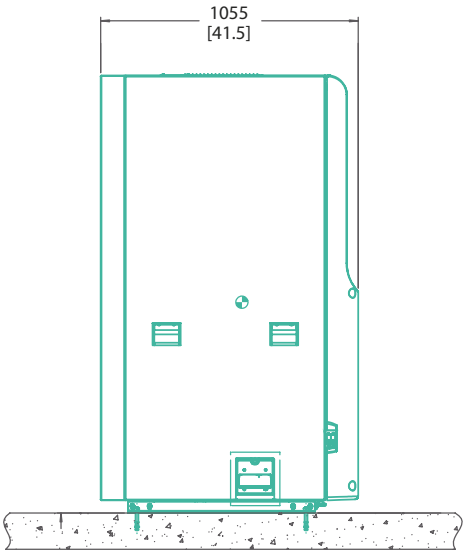


LEGEND

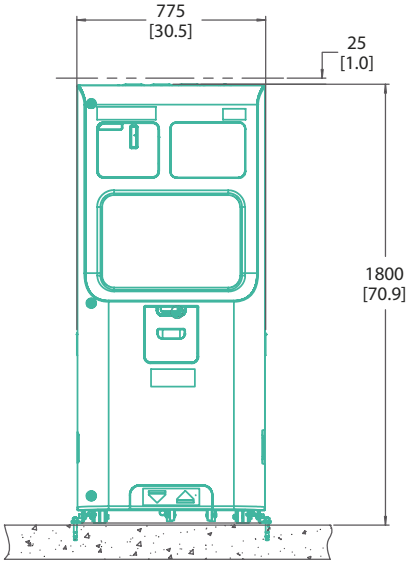
Millimeters
[Inches]



TOP VIEW
TWO-DOOR CONFIGURATION

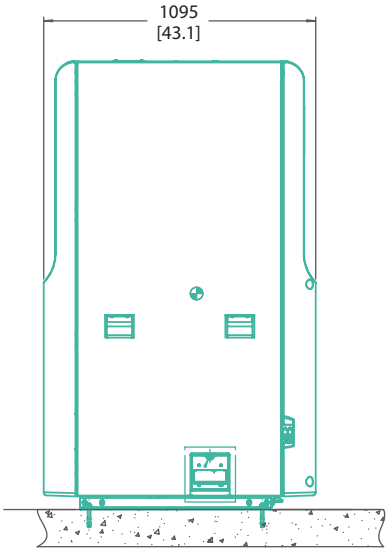


LEFT SIDE



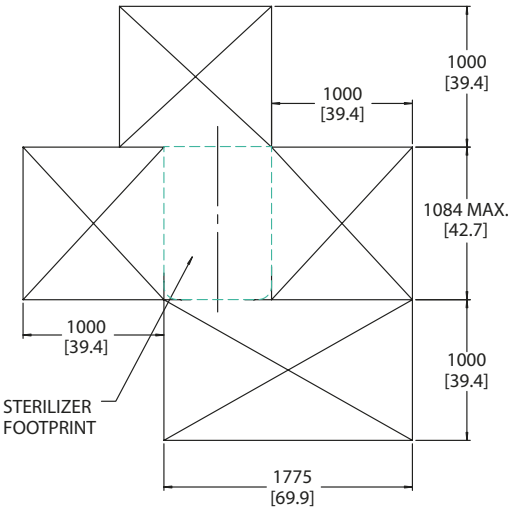
INPUT SIDE

SYSTEM LAYOUT
ONE-DOOR CONFIGURATION



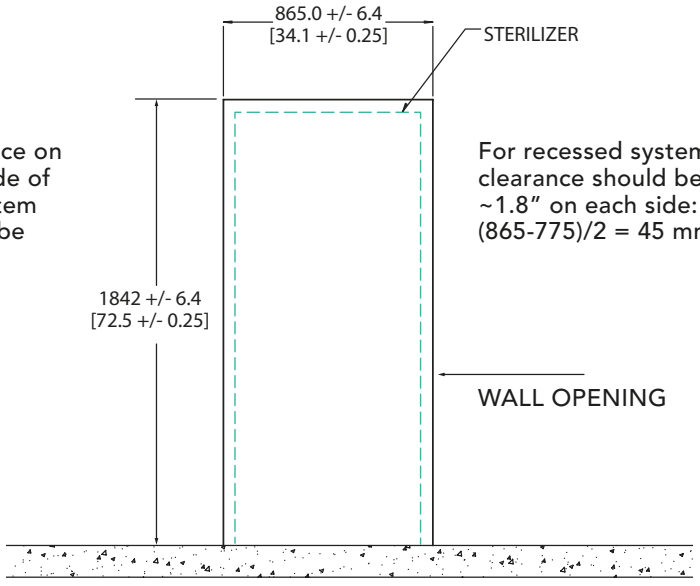
LEFT SIDE

SYSTEM LAYOUT
TWO-DOOR CONFIGURATION



SERVICE CLEARANCE

Clearance on each side of the system should be ~39.4"



For recessed system, clearance should be ~1.8" on each side: (865-775)/2 = 45 mm (~1.8")

IN-WALL INSTALLATION
INPUT OR OUTPUT SIDE

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ASP Advanced Sterilization Products

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