VISION® 1321/1327/1330L Cart and Utensil Washer/Disinfector

APPLICATION
The Vision 1321/1327/1330L Cart and Utensil Washer/Disinfector is a high-capacity mechanical washer intended for use in the efficient cleaning, low-level disinfecting and drying of case carts, containers, utensils, beds and other miscellaneous reusable items used in the care of patients. In addition, soiled surgical instruments are cleaned and intermediate-level disinfected with a required option.

DESCRIPTION
The Vision 1321/1327/1330L Cart and Utensil Washer/Disinfector is a mechanical unit equipped with a microprocessor control system. The unit is designed with eight factory-set adjustable cycles: CART STANDARD, CART LOW ECO, CONTAINER, UTENSIL, BED, QUICK, ALUM SAFE and INSTRUMENT (OPTIONAL).

Fourteen additional cycles are available for customized programming to meet specific operating requirements (two are custom Instrument Cycles). Cycles are programmed with a drying phase, and with minimal wash and thermal rinse duration. Two exterior mounted LED lights are included to illuminate the wash chamber.

The Vision 1321/1327/1330L Cart and Utensil Washer/Disinfector is available in a double-door configuration. The unit can be built to seismic design.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Configurations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1321 Double Power Door (Pass-Through)</td>
</tr>
<tr>
<td>1327 Double Power Door (Pass-Through)</td>
</tr>
<tr>
<td>1330L Double Power Door (Pass-Through)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Size (W x H x L) for Pit Mounted Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1321 Version</strong></td>
</tr>
<tr>
<td>- Maximum overall dimensions: 3048 x 2762 x 2692 mm (120 x 108.75 x 106&quot;)</td>
</tr>
<tr>
<td>- Effective chamber load capacity: 1016 x 2032 x 2083 mm (40 x 80 x 82&quot;)</td>
</tr>
<tr>
<td><strong>1327 Version</strong></td>
</tr>
<tr>
<td>- Overall dimensions: 3048 x 2762 x 3302 mm (120 x 108.75 x 130&quot;)</td>
</tr>
<tr>
<td>- Effective chamber load capacity: 1016 x 2032 x 2692 mm (40 x 80 x 106&quot;)</td>
</tr>
<tr>
<td><strong>1330L Version</strong></td>
</tr>
<tr>
<td>- Overall dimensions: 3048 x 2762 x 3607 mm (120 x 108.75 x 142&quot;)</td>
</tr>
<tr>
<td>- Effective chamber load capacity: 1016 x 2032 x 3000 mm (40 x 80 x 118.1&quot;)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Loading Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pit-mounted unit: 0&quot;</td>
</tr>
<tr>
<td>Floor-mounted unit: 171 mm (6 3/4”) above finished floor</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Operating Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vision 1321</td>
</tr>
<tr>
<td>- Cabinet, Water, Two Heavy Case Carts: 3306 kg (7289 lb)</td>
</tr>
<tr>
<td>- Without Cabinet, With Water and Two Heavy Case Carts: 2800 kg (6173 lb)</td>
</tr>
<tr>
<td>- For Seismic Report, With Cabinet, With Water in Reservoir and Without Case Cart: 2934 kg (6468 lb)</td>
</tr>
</tbody>
</table>
### Operating Weight (Cont'd)

<table>
<thead>
<tr>
<th>Vision 1327</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Cabinet, Water, Two Heavy Case Carts: 3394 kg (7483 lb)</td>
<td></td>
</tr>
<tr>
<td>• Without Cabinet, With Water and Two Heavy Case Carts: 2888 kg (6367 lb)</td>
<td></td>
</tr>
<tr>
<td>• For Seismic Report, With Cabinet, With Water in Reservoir and Without Case Cart: 3022 kg (6662 lb)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vision 1330L</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Cabinet, Water, Two Heavy Case Carts: 3456 kg (7620 lb)</td>
<td></td>
</tr>
<tr>
<td>• Without Cabinet, With Water and Two Heavy Case Carts: 2846 kg (6275 lb)</td>
<td></td>
</tr>
<tr>
<td>• For Seismic Report, With Cabinet, With Water in Reservoir and Without Case Cart: 3089 kg (6810 lb)</td>
<td></td>
</tr>
</tbody>
</table>

### Consumption

<table>
<thead>
<tr>
<th>Hot Water Consumption Per Cycle: 53 L (14 U.S. gal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steam Consumption Per Cycle (With Hot Tap Water Heated at 140°F-60°C): 14 kg (31 lb)</td>
</tr>
</tbody>
</table>

### Data

<table>
<thead>
<tr>
<th>Noise Level: 65 dBA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat Loss: 13,800 BTU/hr (4039 W)</td>
</tr>
</tbody>
</table>

### Utility Requirements

<table>
<thead>
<tr>
<th>Air: 1/2&quot; NPT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ventilation: 152 mm (6&quot;) O.D.</td>
</tr>
<tr>
<td>Drain: Recommended maximum 203 [round or square] x 152 mm [deep] (8 x 6&quot;) floor sink with minimum 101 mm (4&quot;) drain outlet.</td>
</tr>
<tr>
<td>Pure Water: 3/4&quot; NPT</td>
</tr>
<tr>
<td>Hot Water: 1&quot; NPT</td>
</tr>
<tr>
<td>Cold Water: 1&quot; NPT</td>
</tr>
<tr>
<td>Steam: 1-1/2&quot; NPT</td>
</tr>
<tr>
<td>Condensate Return: 1&quot; NPT</td>
</tr>
</tbody>
</table>

**Recommended Air Compressor:**

**Electrical** – Compressor Motor: 208, 230 or 460 Volt, 60 Hz, 3-Phase

**Electrical** – Auto Drain Valve: 120 Volt, 60 Hz

### Electricity

<table>
<thead>
<tr>
<th>Electricity, Steam Heated Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 200-208 V, 60 Hz, 3-Phase, 25.5 Amps</td>
</tr>
<tr>
<td>• 460-480 V, 60 Hz, 3-Phase, 13.5 Amps</td>
</tr>
<tr>
<td>• 380-400 V, 60 Hz, 3-Phase, 15 Amps</td>
</tr>
<tr>
<td>• 380-415 V, 50 Hz, 3-Phase, 14.5 Amps</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electricity, Electric Heated Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 460-480 V, 60 Hz, 3-Phase, 108 Amps</td>
</tr>
<tr>
<td>• 380-400 V, 60 Hz, 3-Phase, 123.4 Amps</td>
</tr>
<tr>
<td>• 380-415 V, 50 Hz, 3-Phase, 125 Amps</td>
</tr>
</tbody>
</table>

---

1. Calculated as described in ISO-3746 standard
STANDARDS
The Vision 1321/1327/1330L Cart and Utensil Washer/Disinfector complies with the following standards:

Governing Directive for the affixing of the CE Mark:
- Medical Devices Directive 2007/47/EC as amended by 93/42/EEC.
- Machinery Directive 2006/42/EC
- EMC Directive 2004/108/EC - Class A, Group 1 ISM
- Equipment RoHS Directive 2011/65/EU

Standards Applied to Met Performance Requirements and Safety:

FEATURES
Sumpless Solution Delivery System. The washer/disinfector cabinet base is 171 mm (6-3/4") deep.

Spraying System. The washer/disinfector includes two horizontally mounted spray headers, one on each side of the wash chamber to optimize load coverage and cycle time. Each spray header contains 17 jets (19 jets for 1330L) directed to provide maximum full load coverage. Header height is adjusted to concentrate spray action to lower portion of chamber when processing carts 1118 mm (44") high or lower. Control monitors spray system travel to stop movement if obstruction is detected or alert operator if full movement is not accomplished.

Horizontal Sliding Doors. Each chamber is provided with two automatic, powered, side-sliding doors made of two 6 mm (1/4") tempered glass panes to minimize heat transfer and allow easy visual monitoring of the cleaning process. Units are equipped with sensors to detect obstructions and prevent unit operation if doors are not fully closed. Doors are dynamically pressed against a silicone gasket ensuring complete air and water seal of the wash chamber.

Interior Lights. Chamber illumination by two long-life, energy efficient LED lights.

Integral Self-Priming Automatic Chemical Dispenser. Three peristaltic pumps are included in the standard washer/disinfector with up to two additional chemical injection pumps provided if Instrument Washing option and Three Reservoir option are installed. Standard pumps: one for neutral or alkaline detergent, one for rinse aid and one for the descaler agent. The pumps are located in a separate room, positioned near the detergent containers and connected to washer/disinfector with up to 30 m (100') of piping. Each tube is color coded to facilitate tracking through the facility.

Pumps allow use of Prolystica® Ultra Concentrate products. Each ultra concentrated product is 10 times the concentration of a traditional product, therefore only 1/10th of the standard amount of chemistry is injected to properly process the cycles.

The peristaltic pumps automatically add a selected quantity of detergent:
- Ultra Concentrates: 0.2, 0.4 or 0.8 mL/L (1/40, 1/20 or 1/10 oz/gal).
- Regular Chemicals: 1 to 16 mL/L (1/8 to 2 oz/gal).

A low-level sensor is included to indicate when the detergent level in the container is low or when insufficient chemical is available for the next cycle.

Control monitors volume of chemicals injected and indicates if this parameter meets specified criteria during all specific phases.

Wash Chamber. Chamber is constructed of 14 and 16 gauge, #304 stainless steel (316L for 1330L), No. 4 finish, argonwelded and polished. Base is made of #304L (316L for 1330L) stainless steel. Chamber flooring consists of two removable stainless-steel panels designed with gratings running lengthwise in chamber allowing for quiet loading and unloading.

Removable Debris Screen. A removable debris screen is located in chamber bottom. Debris screen prevents large debris from entering piping system and pump. Screen provided with handle and is easily removed for cleaning under running water.

Other Components. All components of the wash/rinse system, including screens, spray headers, piping, and booster in-line heat exchanger are constructed of #304 (for steam) and #316L (for electric) stainless steel. High-pressure recirculating pump is made of #316 L stainless steel. Ball valves are constructed of Teflon® and #316L stainless steel.

Unit frame, mobile mechanical core and all fasteners are constructed of #304 stainless steel. Aluminum-sheathed rigid fiberglass insulation, 25 mm (1") thick covering the top and sides of the chamber exterior, reduces heat loss and noise level to the work area.

Treatment Staging Tanks. The tanks are equipped with an automatic solution level control, automatic hot water fill and safety overflowing piping. Tanks are made of #304 L (except Tank #1, 316L) stainless steel and are fully insulated with 25 mm (1") thick aluminum sheathed fiberglass to prevent heat loss and burn hazard. The bottom of the tanks are sloped toward the water outlet for optimum drainability. Each solution tank includes an internal baffle that deflects solutions to the tank walls to assure self-cleaning of the tank during the recirculation process. Capacity is 95 L (25 U.S. gal).

High Pressure Pump. Open impeller pump is powered by dualspeed motor permitting two ranges of flow rate/pressure. Pump impeller, shaft and casing are #316 L stainless-steel construction. Pump motor is a Totally

2. When Instrument Washing Option is Present.
3. Teflon® is a registered trademark of E. I. duPont de Nemours and Company.
Enclosed Fan Cooled (TEFC) class H motor, electro-polished, magnetic starter, overload protection and sealed bearings (requiring no lubrication).

**Nonrecirculated, Vented Drying System.** The vented drying system effectively dries the processed load at the completion of each cycle. Fresh, heated filtered air is blown at high velocity through all four corners of the wash chamber and to the load. Dry air is then evacuated through the chamber vent opening. Fresh air is pre-filtered and High Efficiency Particulate Air (HEPA) filtered.

**Automatic Floor Tilting System.** System slopes the processed load at the start of the drying phase to properly drain flat surfaces of carts. The floor is automatically returned to its level position at completion of the cycle for smooth loading and unloading.

**Integral Exhaust Fan.** The fan assists the building ventilation system when evacuating vapor from the wash chamber. Fan impeller, casing and motor shaft are made of stainless steel.

**Heating System.** Solutions are heated by an instantaneous, in-line, stainless-steel heat exchanger designed to reduce steam consumption and cycle time. A coil also exists in thermal rinse tank to preheat and maintain water temperature to reduce thermal rinse phase readiness time. Drying system also includes a heat exchanger to reduce drying phase time as heated air is blown over load.

**Drain Discharge Cool Down.** Unit is provided with a cold water connection for use with cold water selection and effluents cool down if sump or reservoir water temperature is higher than 60°C (140°F) while being discharged to building drain system.

**Process Data Validation System.** The washer/disinfector includes a Process Data Validation System (PDVS). This system documents and measures the following parameters:

- Sump temperature
- Volume of detergent injected during Instrument Cycle

Control alarms user if this independently recorded data falls outside passing criteria. PDVS increases facility confidence level that the cycle has been successfully completed.

**ProConnect® Technical Support Services** maximize operational efficiencies with secure, internet-based, real-time equipment monitoring. Data from your equipment is used by STERIS to provide pro-active Customer alert notifications, technical support, and predictive maintenance. Online parts ordering, equipment performance dashboards, and online service scheduling at steros.com is also available. (ProConnect Technical Support Services is available in U.S. and Canada only.) Refer to Tech Data sheet SD983, PROCONNECT TECHNICAL SUPPORT SERVICES, for details.

**ConnectAssure TECHNOLOGY** is a digital data management system that assists sterile processing departments with record keeping through the automated collection and organization of cycle information from STERIS equipment. Automating data collection saves time and helps ensure that all information is gathered properly. Since the data is digital, it can be stored indefinitely without taking departmental space. Refer to Tech Data sheet 10515801, CONNECTASSURE SUPPORT TEAM, for details.

**OPTIONAL FEATURES**

**Instrument Cycle Package** allows the cleaning and intermediate level disinfection of soiled surgical instruments. Option comes with an Enzyme injection line, a coupling manifolded rack, an Instrument Cycle and a cold water injection line for the pre-wash and wash phases.

**Third Reservoir Option** allows an additional detergent to be introduced to wash cycle. Tank is constructed of #304L stainless-steel, insulated with aluminum sheathed rigid fiberglass to prevent heat loss and burn hazard and with a capacity of 95 L (25 US gal).

**Pure Water Line,** constructed of 316 stainless-steel, delivers purified water to rinse phase of Instrument Cycle only or all cycles.

**Seismic Anchorage (FY03-0013)** includes seismic report for proper installing and securing of cart washer to building floor. Unit is designed to comply with seismic building code. This option must be ordered with **Seismic Anchorage Pre-Install Accessory (FD335)** which must be installed during construction (prior to installation).

**SAFETY FEATURES**

**Safety Door Switch.** A microswitch prevents a cycle from starting if the doors are not fully closed, and also stops the unit if doors are opened during a cycle. Doors must be closed to continue operation.

**Obstruction Sensor.** Chamber doors are equipped with an obstruction sensor. If an obstruction is detected, door movement automatically stops and then door opens.

**Emergency Stop Pushbuttons.** The washer/disinfector is equipped with two external Emergency Stop pushbuttons that automatically stop operation of the unit. Once pushed, door locking mechanism disengages allowing the door to be easily opened from inside or outside.

**Door Interlock.** The safety interlock mechanism prevents both doors from being opened simultaneously, preventing cross contamination. The clean side/unload door cannot be opened until the cycle has been successfully completed.

**Lock/Unlock Key Selector.** Lock/Unlock key selectors are located under load and unload side controls and include two positions:

- **LOCK** – Use key to turn selector to LOCK position to lock washer/disinfector for minor maintenance inside washer/disinfector. Operator cannot start a new cycle or access Supervisor Mode, and doors are depressurized.
- **UNLOCK** – Use key to turn selector to UNLOCK position to unlock washer/disinfector and enable washer/disinfector to function without restrictions.

**Labeling.** The washer/disinfector is labeled with warning and caution pictograms to warn the operators and service technicians of precautions to be taken.

**Emergency Stop Cables.** Located on each side of the interior wash chamber, instantly stop washer/disinfector operation if pulled. Once pulled, door locking mechanism disengages allowing the door to be easily opened from inside or outside.
ON/OFF Switch. Power switch is located on load side of the unit and is used to shut off control power and drain sump and reservoirs (tanks).

CYCLE DESCRIPTION

NOTE: This washer/disinfector is specifically designed to only process goods as outlined in this tech data. If there is any doubt about the use of a specific material or product, contact the manufacturer of the product for recommended washing techniques.

STERIS does not intend, recommend, or represent in any way that this Vision 1321/1327/1330L Cart and Utensil Washer/Disinfector be used for the terminal disinfection or sterilization of any regulated medical device. The Vision 1321/1327/1330L Cart and Utensil Washer/Disinfectors are intended only to perform an initial step in the processing of soiled, reusable items used in the care of patients. If medical devices will be contacting blood or compromised tissues, such devices must be terminally processed in accordance with good hospital practices (GHP) before each use in human patients.

Items to be cleaned are placed on the appropriate accessory cart and/or rack and are positioned in front of the washer. When the washer is ready, the operator opens the doors and pushes the cart/rack into the chamber. Operator closes the door and initiates the cycle. Unit proceeds through treatment schedule and automatically opens the unloading door at cycle completion. A display message and audible alarm indicate that the load is ready for removal. Clean side operator removes clean/disinfected items.

Each cycle program is operator adjustable to meet specific processing needs. Cycle programming is protected by a security access code set by the supervisor. The standard control system features eight factory pre-programmed cycles (CART STANDARD, CART LOW ECO, CONTAINER, UTENSIL, BED, QUICK, INSTRUMENT and ALUM SAFE) and a special self DECONTAM cycle for routine maintenance of the unit. Control is also equipped with open cycles that are programmable on-site at the user’s discretion.

Each cycle program is constructed of phases. The following phase descriptions are from the featured Cart and Utensil cycles developed and validated to provide a total cleaning solution by joining advanced washing technology with Prolystica Ultra Concentrate cleaning chemistries:

- **Wash phase** - solution from Reservoir (Tank) 2 or 3 (if the third reservoir option is present) is recirculated through the spray system for the selected time period. Solution is heated to 57°C (135°F) in the second portion of the phase. After a programmable number of cycles, solutions are automatically drained and renewed.

- **Thermal Rinse phase** - pre-heated, hot or pure water (option) from Reservoir (Tank) 1 is sprayed over the load and recirculated for the selected time period to rinse and disinfect the load. Solution is heated to 80°C (176°F). After a programmable number of cycles, solutions are automatically drained and renewed. Rinse Aid is automatically added during the reservoir (tank) filling.

- **HEPA-Filtered Air Drying** - (drying phase) consists of blowing heated nonrecirculated air on the load, and evacuating it through the vent connection. Selected time for this nonrecirculated phase must be between 03:00 and 30:00.

CONTROL SYSTEM

The control system consists of a PC-based control system. Operator interfaces are ergonomically located, easily accessible and viewable on both ends of the unit. Other control system features are as follows:

- **Control system** monitors and controls washer operations and functions. Cycle progresses automatically through the designated phases as programmed. Control system also stores all cycle data as protection against power disruption.

- **Operator Interface** is an 171 x 133 mm (6.75 x 5.25”), 213 mm (8.4”) diagonal, touch-sensitive color graphic display. Display permits operator to monitor current cycle status, including current chamber temperature and remaining phase time. Identical information displayed on both ends of the unit.

- **Impact printer** with automatic paper take-up provides an easy-to-read record of all pertinent cycle data. Generated printout includes date, treatment type, cycle starting time and key cycle transition points. All cycle deviations are indicated by visual and audible means, recorded by the printer and need acknowledgement by operator.

- **Security access code** requires entry of a four-digit access code to change cycles, cycle values and to enter service mode.

- **Service mode** is accessible through main control panel for service and maintenance purposes.

- **Preprogrammed parameters** for each cycle. If operator selects an out-of-range setting when modifying the cycle values, the control system alerts operator with a reference message and halts further operation until the correct value is entered.

- **USB Port** is supplied so cycle data is available in PDF format and accessible through Service Mode.

- **Ethernet port** is available for remote monitoring and troubleshooting.

- **Three Operator Modes** are available. Supervisor, Service and Cycle. The first two modes are password protected. Cycle mode is always available.

ACCESSORIES

- **Service Side Enclosure Panels and supports** are provided to enclose the mechanical core.

- **Nonservice Side Enclosure Panels** are provided to cover insulation on the nonservice side of unit cabinet.

- **Remote Air Compressor, complete with tank and pressure switch**, is available (only in North America) in either 208 V or 460 V. Oilless air compressor operates at 59 dBA. Wiring at installation not provided by STERIS. Also required for operation, a 120 V, 60 Hz outlet for auto drain valve.

- **Floor Ramps (FD324)**. 1.2 m (4’) long, are provided with guards on each side to help the operator guide the load into the washer. Slope of the ramp not to exceed 6.5° to enable easy loading of carts in the wash chamber.
Bar Code Scanner (FD329) is provided to automatically identify and initiate the appropriate cycle by means of a bar code tag attached to load.

Container (FD322) and Utensil (FD323) Carts designed for efficient cleaning and disinfection of containers, utensils and other reusable items used in patient care. Refer to Cart Washer Accessories Tech Data (SD956) for more information.

Seismic Anchorage Pre-Install (FD335) are foundation plates needed for Seismic Anchorage Option (FY03-0013). These plates must be installed during construction, prior to unit installation.

CHEMICAL ADDITIVE SPECIFICATIONS
Follow detergent label recommendations for the concentration of chemical to use.

To achieve maximum cleaning efficiency, STERIS recommends the following chemicals:

- Prolystica® Ultra Concentrate HP Neutral Detergent
- Prolystica® Ultra Concentrate HP Enzymatic Cleaner (Instrument Cycle)
- Prolystica® Ultra Concentrate HP Alkaline Detergent
- Prolystica® Ultra Concentrate Enzymatic Presoak and Cleaner (Instrument Cycle)
- Prolystica® Ultra Concentrate Alkaline Detergent
- Prolystica® Ultra Concentrate Neutral Detergent

**NOTE:** STERIS does not promote, recommend, or endorse the use of any other type of chemical additives in the processing of articles in the Vision 1321/1327/1330L Cart and Utensil Washer/Disinfector, such as high alkaline detergents (pH >12), alcohol rinses, and liquid disinfectants, including hypochloric acid (bleach).

PREVENTIVE MAINTENANCE
A global network of skilled service specialists can provide periodic inspections and adjustments to help ensure low-cost peak performance. STERIS representatives can provide information regarding annual maintenance programs.

NOTES
1. Customers must ensure the washer/disinfector stands on a level noncombustible floor.
2. STERIS recommends that shutoff valves and vacuum breakers (not provided by STERIS) be installed on service lines, and that fused disconnect switches (with lockout in OFF position; not provided by STERIS) be installed in electric supply lines near the equipment.
3. Pipe sizes shown indicate terminal outlets only. Building service lines provided (not provided by STERIS), must supply the specified pressures and flow rates.
4. For all ventilation ducting from the washer, STERIS recommends installation of a dedicated corrosion-proof, water-tight duct, rated to an operating temperature of 210°F (99°C) or more, to the exterior of the building, sloped toward the washer with condensate drain connection.
5. Refer to Equipment Drawing for specific installation details.
6. STERIS recommends a well-lighted service area (if applicable), along with the provision of an electrical outlet for maintenance.
7. Always follow local electrical codes and safety-related work practices for wiring.
Refer to the Following Equipment Drawing for Installation Details

<table>
<thead>
<tr>
<th>Equipment Drawing Number</th>
<th>Equipment Drawing Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>10250449</td>
<td>Vision 1321 Washer/Disinfector – Floor-Mounted</td>
</tr>
<tr>
<td>10250419</td>
<td>Vision 1327 Washer/Disinfector – Floor-Mounted</td>
</tr>
<tr>
<td>10242557</td>
<td>Vision 1330L Washer/Disinfector – Floor-Mounted</td>
</tr>
<tr>
<td>10250450</td>
<td>Vision 1321 Washer/Disinfector – Pit-Mounted</td>
</tr>
<tr>
<td>10250453</td>
<td>Vision 1321 Washer/Disinfector – Floor-Mounted</td>
</tr>
<tr>
<td>10250421</td>
<td>Vision 1327 Washer/Disinfector – Pit-Mounted</td>
</tr>
<tr>
<td>10250423</td>
<td>Vision 1327 Washer/Disinfector – Floor-Mounted</td>
</tr>
<tr>
<td>10242558</td>
<td>Vision 1330L Washer/Disinfector – Pit-Mounted</td>
</tr>
<tr>
<td>10242559</td>
<td>Vision 1330L Washer/Disinfector – Floor-Mounted</td>
</tr>
</tbody>
</table>

NOTES

Recommended Air Compressor

1. Rotary scroll air compressor must be located in a clean, well lit and ventilated area.
2. Never install the compressor where the ambient temperature is higher than 40°C (105°F), or where humidity is high. Clearance must allow for safe, effective inspection and maintenance. Minimum clearances required: above and sides, 610 mm (24”); electrical panel opening 1067 mm (42”).
3. Never use any piping smaller than the compressor connection.

ENGINEERING DATA — RECOMMENDED AIR COMPRESSOR WITH AUTOMATIC TANK DRAIN

<table>
<thead>
<tr>
<th>SCFM @100 PSIG</th>
<th>Weight</th>
<th>db (A) Level</th>
<th>BTU/HR</th>
<th>Size</th>
<th>Capacity</th>
<th>Maximum Pressure</th>
<th>F.L.A./MOTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.8</td>
<td>109 kg</td>
<td>69</td>
<td>7635</td>
<td>See Illustration</td>
<td>114 L (30 gal)</td>
<td>800 kPa (116 psig)</td>
<td>10.6</td>
</tr>
</tbody>
</table>

Recommended Air Compressor

Dimensions are typical - Recommended Air Compressor drawing is not to scale.

*Not For Installation*
Selections Checked Below Apply To This Equipment

VOLTAGE
Steam Heated:
- 200–208 V, 3-Phase, 60 Hz
- 380–400 V, 3-Phase, 60 Hz
- 380–415 V, 3-Phase, 50 Hz
- 460–480 V, 3-Phase, 60 Hz
Electric Heated:
- 380–400 V, 3-Phase, 60 Hz
- 380–415 V, 3-Phase, 50 Hz
- 460–480 V, 3-Phase, 60 Hz

CONFIGURATION
- 1321 Double Power Door (Pass-Through)
- 1327 Double Power Door (Pass-Through)
- 1330L Double Power Door (Pass-Through)

OPTIONS
- Pure Water Line (FY03-0010)
- Third Reservoir (FY03-0009)
- Instrument Cycle (FY03-0011)
- Seismic Anchorage (FY03-0013)

ACCESSORIES
- Reduced Width (104") Unit (FD007)
- Instrument Package (FD050):
  - Vision 1321 (FD051)
  - Vision 1327 (FD052)
  - Vision 1330L (FD053)
- Floor Ramps for Floor Mounted Unit (Two) [FD324]
- Non-service Side Panels:
  - Vision 1321 (FD327)
  - Vision 1327 (FD331)
  - Vision 1330L (FD334)
- Service Side Access Panels:
  - Vision 1321 (FD326)
  - Vision 1327 (FD330)
  - Vision 1330L (FD333)
- Air Compressor (Available Only North America):
  - 208 V (AX84-100-000-000-000-01)
  - 460 V (AX84-100-000-000-000-03)
- Common Service Area Junction Panels (FD328)
- Bar Code Scanner (FD329)
- Seismic Anchorage Pre-Install (FD335)

ACCESSORIES (Cont’d)
- Additional Instrument Rack (FD360)
- Lubricant Kit (FD006)
- Vision Cart Washer/Disinfector Container Cart (FD322)
- Vision Cart Washer/Disinfector Utensil Cart (FD323)

REMOTE MONITORING
- ProConnect® Technical Support Services (Remote Monitoring, Priority Technical Support, Customer Care Center Access, Equipment Performance Reports) (GP09169)
- ConnectAssure™ TECHNOLOGY (Connection Conduit, Sterile Supply Management and SPD Record Keeping Aid, Testing and Maintenance Reminders)

For Further Information, contact:
STERIS Corporation
5960 Heisley Rd.
Mentor, OH 44060–1834 • USA
440–354–2600 • 800–548–4873
www.steris.com

The base language of this document is ENGLISH. Any translations must be made from the base language document.

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

©2020, STERIS Corporation. All rights reserved.

This document is intended for the exclusive use of STERIS Customers, including architects or designers. Reproduction in whole or in part by any party other than a Customer is prohibited.

4. Refer to Cart Washer Accessories Tech Data (SD956) for more information.