



Omnicell XT Product Equipment Specifications

67-2204 Rev-D



Environment

Environmental characteristics include humidity, operating temperature, and heat dissipation.

These general environment requirements are described in this section.

- Adequate air flow
- A floor plan showing the location of where each cabinet is placed
- Adequate ventilation: recommend 4 in. (10.16 cm) clearance around each Omnicell XT cabinet (from the wall and other cabinets). Minimum clearance is 1 in (2.54 cm).



When using less than the recommended clearance of 4 in. (10.16 cm), temperatures of items stored above the console could raise above the recommended ranges below.

Humidity

The maximum cabinet humidity exposure should not exceed 80% (without condensation). It is the customer's responsibility to maintain room temperature at or below 71°F (22° C).

Recommended Cabinet Temperatures

See the recommended cabinet temperature ranges by item type in the table below. Identify areas in the cabinet that are +6°F of the ambient temperature and note not to store sensitive medication in those areas.

Cabinet	Degrees Celsius	Degrees Fahrenheit
Medications	20-25°	68-77°
General Supplies (with brief deviations)	15-30°	59-86°

Operating Temperature

The operating temperature for most Omnicell XT cabinets is 5 to 35° C. The storage temperature is from -40 to +85° C.

Heat Dissipation

This table contains useful information for determining a site's heating and ventilation setup so that room temperatures can be maintained with the cabinets installed.

HVAC Table Heat Dissipation Advisories

Cabinet	Heat Dissipation
XT One-Cell, Two-Cell and Three-Cell Cabinets	200-600 BTU/hour
XT Half-Height and Quarter-Height Cabinets	200-400 BTU/hour
XT Anesthesia Workstation	200-400 BTU/hour

Electrical Requirements

Omicell XT electrical requirements are provided for voltage, frequency, operating current and power consumption.

Omicell requires the facility to provide electrical service according to Omnicell equipment specifications. The facility is responsible for all electrical and cabling costs.

There needs to be one 100-240VAC outlet for each cabinet control unit and auxiliary unit in North America. For all other countries, consult the local electrical authority. All units must be within six feet (1.8 m) of the electrical outlet.

Product	Operating Voltage (VAC)	Freq	Operating Current	Power Consumption	Fuse	Phase
One-, Two-Three-Cell Main Cabinets	100 - 240 Autoranging	50-60 Hz	3 A @ 100 VAC 1.25 A @ 240 VAC	300W	6.3 A	Single
Half-height Quarter-Height Cabinets	100 - 240 Autoranging	50-60 Hz	3 A @ 100 VAC 1.25 A @ 240 VAC	300W	6.3 A	Single
Auxiliary Cabinets	100 - 240 Autoranging	50-60 Hz	2.5 A @ 100 VAC 1.0 A @ 240 VAC	250W	4.0 A	Single
XT Anesthesia Workstation	100-240 Autoranging	50-60 Hz	1.25 A @ 100VAC 0.75 A @ 240 VAC	125W	6.3A	Single



Power and data connections are made to frames at the back right of the computer. The XT One-, Two and Three-Cell computers are 53-57 in. (134.6 - 144.8 cm) from the floor. In the XT Half-Height cabinet the computer is 44-48 in. (111.7 -122 cm) from the floor. Omnicell power cords are 15 feet (4.57 m) in length.

Item	Omicell Configuration
UPS	Built-in battery backup (approximately 20 minutes back-up)
Weights	Console: 48-51 lb. (21.77-23.13 kg) depending upon configuration
	eBox: 40 lb. (18.14 kg)
Input Voltage	100 – 240 VAC
Input Power Frequency	50 – 60Hz, single phase
Operating Current	3A maximum at 100 – 240 VAC
Power Consumption	300W maximum
Operating Temperature	5 - 35 ° C
Fuse Rating	6.3A

Backup Battery Specifications

The backup battery maintains cabinet power during a main power outage. Battery specifications are provided in the table.

Main cabinets have a built-in battery that automatically provides power to the cabinet when main power fails. The battery can power the cabinet for approximately 20 minutes.

The battery is integrated into the console power supply and monitored. The battery can be replaced when needed.

Parameter	Specification
Battery type	Lithium-ion
Rated capacity	4.4Ah

Parameter	Specification
Battery recharge rate	6 hours
Battery back-up time (typical): half load/full load	40 minutes/20 minutes

Cabinet Specifications

General

This section describes general cabinet specifications and requirements.



- Dimensions may vary slightly from those stated here due to manufacturing variances.
 - Clearance should be added to facilitate moving the cabinets in and out from the wall. Clearance is also needed for modules mounted on the side of the unit—such as the external return bin (ERB). Depth includes the door or drawer handle. Clearances are provided when the door/drawer is open. User access may require additional clearance.
 - The images in this topic display sample cabinet configurations. Actual configurations and modules may be customized by the customer. Cabinet weight varies depending on the configuration.
 - Allow 4 in. (10.16 cm) clearance around each Omnicell cabinet (from the wall and other cabinets) for adequate ventilation. Minimum clearance is 1 in. (2.54 cm).
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When using less than the recommended clearance of 4 in. (10.16 cm), temperatures of items stored above the console could raise above the recommended temperature range.



Estimated maximum load weight for a cabinet shelf is 50 lb (22.68 kg).
