

Facility Requirements

	A220	A440	A700	A1000
Space Required - Steps Up: L x W x H - in (mm)	34.0 x 36.0 x 78.0 (864 x 914 x 1956)	45.0 x 47.0 x 79.0 (1143 x 1194 x 2007)	55.0 x 62.5 x 80.0 (1397 x 1588 x 2032)	65.0 x 72.2 x 81.0 (1651 x 1834 x 2057)
Space Required - Steps Down: L x W x H - in (mm)	34.0 x 44.5 x 78.0 (864 x 1130 x 1956)	45.0 x 55.0 x 79.0 (1143 x 1397 x 2007)	55.0 x 74.0 x 80.0 (1397 x 1880 x 2032)	65.0 x 83.7 x 81.0 (1651 x 2126 x 2057)
Max Floor Load lbs/ft ² (kg/m ²)	378 (1846)	352 (1719)	322 (1572)	305 (1490)

	E264	E528	E840	E1200
Space Required - Steps Up: L x W x H - in (mm)	34.0 x 40.0 x 82.0 (864 x 1016 x 2083)	45.0 x 52.0 x 83.0 (1143 x 1321 x 2108)	55.0 x 62.5 x 84.0 (1397 x 1588 x 2134)	65.0 x 72.2 x 85.0 (1651 x 1834 x 2159)
Space Required - Steps Down: L x W x H - in (mm)	34.0 x 50.0 x 82.0 (864 x 1270 x 2083)	45.0 x 62.5 x 83.0 (1143 x 1588 x 2108)	55.0 x 74.0 x 84.0 (1397 x 1880 x 2134)	65.0 x 83.7 x 85.0 (1651 x 2126 x 2159)
Max Floor Load lbs/ft ² (kg/m ²)	454 (2217)	422 (2060)	386 (1885)	366 (1787)

Electrical	100-230VAC 50-60Hz 0.7A continuous, 2.9A full load
LN2 Supply	22-35 PSI (1.5-2.4 Bar) CGA-295
Ventilation	Laboratory air change rate minimums are typically sufficient for LN2 freezer installations; however, consult your Health and Human Safety Officer or equivalent.
Oxygen Monitoring	Oxygen monitoring and alarms are recommended for any LN2 setup.
Temperature	Near room temperature, 18°-27°C (65°-80°F)
Relative Humidity	Less than 50%, non condensing
Seismic Restraint	Seismic restraints may be required in earthquake prone areas. Please follow local standards and regulations. Contact Abeyance for more information.

Regulatory

Abeyance Cryo Freezers meet the following safety requirements conforming to:

UL STD 61010-1, CSA STD C22.2 # 61010-1, Low Voltage Directive (2014/35/EU)