

PRE-INSTALLATION CHECKLIST SORVALL LYNX 4000 CENTRIFUGE

- **POWER RECEPTACLE:** Instruments requiring voltages in the range of 208 VAC to 240 VAC will need a NEMA 6-30R or equivalent receptacle. For serviceability and quick disconnect, the receptacle should be located where it is always visible and easily accessible.
- **POWER SOURCE:** Power source must be a dedicated 30 amp for 208 VAC to 240 VAC units. Line voltage, when loaded, must be within +3% or -5% of instruments rated voltage to achieve performance specifications. Supply voltage must be between $\pm 10\%$ of instruments rated voltage to prevent damage to the instrument.
- **AMBIENT TEMPERATURE:** Ambient inlet temperature must be within (40°F to 104°F) with less than 80% relative humidity for optimal instrument performance. If the ambient air temperature is above 77° F, the centrifuge may not hold low temperatures at high speeds.
- **LOCATION:**
 - The centrifuge must be installed on a flat, vibration free concrete or floor. The floor must also be solid and able to withstand 622 lbs. (283 Kg).
 - A safety zone of at least 30 cm (orange area) must be maintained around the centrifuge. The clearance on both sides of the centrifuge is reduced to 10 cm when the centrifuge is bolted down (Optional Seismic Bolt-down Kit 75006500).
 - Behind the centrifuge a 30 cm clearance is necessary for ventilation.
- **PHYSICAL DIMENSION:** 27.6 inches (700 mm) wide, 31.7 inches (805 mm) deep and 36.6 inches (930 mm) high.
- **VENTILATION:** Ventilation and free air circulation must be adequate to handle approximately 3,760 BTU per hour. Air inlet to instrument must not be in close proximity of another heat source.

