Specifications

Only values with tolerances or limits are guaranteed data. Values without tolerances are informative data, without guarantee.

Specification	Description
Speed	• Set speed — 200 to 10,200 RPM in 10-RPM increments • Speed display — actual rotor speed in 10-RPM increments or in RCF (when selected)
Time	• Set time — to 99 hours 59 minutes or continuous (hold) • Time display — *Timed run*: indicates run time remaining — *Continuous (hold) or pulse run:* indicates elapsed time
Temperature	• Set Temperature — Allegra X-14R is 2 to +40°C in 1° increments — Allegra X-14 is factory set at 20°C • Temperature control (after equilibration) — Allegra X-14R is ±2°C of set temperature[a] — Allegra X-14 is ±2°C of the 20°C set temperature • Temperature display (after equilibration) — chamber temperature in 1° increments • Ambient temperature range — 10 to 30°C
Humidity restrictions	<75% (noncondensing)
Acceleration	10 acceleration rates
Deceleration	11 deceleration rates
Dimensions	• Width — 76.2 cm (30.0 in.) • Depth — 67.3 cm (26.5 in.) • Height — 41.9 cm (16.5 in.)
Weight	128 kg (283 lb)
Ventilation clearances (sides and rear)	7.6 cm (3.0 in.)
Finishes	• Control panel — polycarbonate • Housing surfaces — acrylic baking enamel

Specification	Description
Electrical requirements	• 120-V, 60-Hz instrument — 108–132 VAC, 12 A, 60 Hz
Electrical supply	Class I
Maximum heat dissipation into room under steady-state conditions	4318 Btu/hr (1.3 kW)
Noise level 0.91 m (3 ft) in front of centrifuge	≤ 64 dBa
Installation (overvoltage) category	II
Pollution degree	2[b]

a. During transient conditions, such as acceleration and deceleration, rotor temperature may be outside this range. To reach temperatures above ambient, the centrifuge is dependent on the frictional heat generated inside the chamber during operation. At low run speeds or low ambient temperatures, the centrifuge may not be able to achieve some higher temperatures.

b. Normally only nonconductive pollution occurs; occasionally, however, a temporary conductivity caused by condensation must be expected.