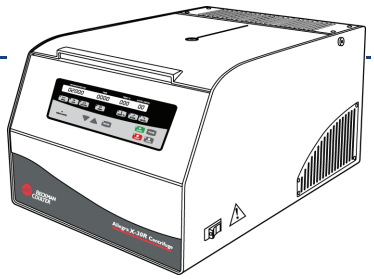
Refrigerated Model Specifications



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

Speed	
Set speed	to 18,000 rpm (in 100-rpm increments)
Speed control	actual rotor speed, ±50 rpm of set speed
Speed display	actual rotor speed in 100-rpm increments *or* in RCF (when selected)
Time	
Set time	to 9 hr 59 min *or* continuous (∞)
Time display	time remaining in run (timed run ±1 min accuracy) *or* ∞ and elapsed time (continuous run)
Temperature	
Set temperature	–20 to +40°C (in 1°C increments)
Temperature control (after equilibration)	±2.5°C of set temperature
Temperature display (after equilibration)	chamber temperature in 1°C increments
Operating range	2 to 40°C[a]
Ambient temperature range	10 to 35°C
Acceleration	10 acceleration profiles
Deceleration	10 deceleration profiles
Ambient temperature range	10 to 35°C
Humidity restrictions	<80% (noncondensing)
Dimensions	
Width	46 cm (18.1 in.)
Depth	70.7 cm (27.8 in.)
Height, door closed	37 cm (14.6 in.)
Height, door open	81.3 cm (32.0 in.)
Weight	78 kg (172 lb)
Clearances (sides)	7.6 cm (3.0 in.)
Electrical requirements	
120-V instrument	120 VAC, 11.5 A, 60 Hz
100-V instrument	100 VAC, 12.6 A, 50–60 Hz
220–240-V instrument	220–240 VAC, 6.2 A, 50–60 Hz
Electrical supply	Class I
Maximum heat dissipation into room under steady-state conditions	3311 Btu/h (0.97 kW)
Noise level 0.91 m (3 ft) in front of instrument (approx.)	≤68 dBa
Installation (overvoltage) category	II
Pollution degree	2[b]

a. Temperature range depends on rotor in use and speed (see applicable rotor manual).

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