

## SPECIFICATIONS

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

### Speed

Set speed . . . . . to 15 000 rpm in 100-rpm increments  
Speed control. . . . . actual rotor speed,  $\pm 50$  rpm of set speed  
Speed display. . . . . actual rotor speed in 100-rpm increments  
or in RCF (when selected)

### Time

Set time . . . . . to 9 hours 59 minutes  
or continuous (hold)

### Time display

Timed run . . . . . indicates run time remaining  
Continuous (hold) or pulse run . . . . . ( $\infty$ ) indicates elapsed time

### Temperature

Set temperature . . . . .  $-20$  to  $+40^{\circ}\text{C}$  in  $1^{\circ}$  increments  
Temperature control (after equilibration) . . . . .  $\pm 2^{\circ}\text{C}$  of set temperature  
Temperature display (after equilibration) . . . . . chamber temperature  
in  $1^{\circ}$  increments

Ambient temperature range. . . . . 10 to  $35^{\circ}\text{C}$

Ambient temperature for optimum operation . . . . .  $23^{\circ}\text{C}$  ( $\pm 2^{\circ}\text{C}$ )

Humidity restrictions. . . . .  $< 80\%$  (noncondensing)

Acceleration . . . . . 10 acceleration profiles

Deceleration . . . . . 10 deceleration profiles

### Dimensions

Width. . . . . 65.0 cm (25.6 in.)

Depth. . . . . 68.5 cm (27.0 in.)

Height . . . . . 40.5 cm (16.0 in.)

Weight . . . . . 124.0 kg (273.4 lb)

Ventilation clearances (sides and rear) . . . . . 7.6 cm (3.0 in.)

### Finishes

Control panel. . . . . coated polycarbonate

Housing surfaces. . . . . urethane paint

### Electrical requirements

208-V, 60-Hz instrument. . . . . 187–229 VAC, 16 A, 60 Hz

200-V, 50/60-Hz instrument . . . . . 190–210 VAC, 16 A, 50/60 Hz

230-V, 50-Hz instrument. . . . . 207–253 VAC, 13 A, 50 Hz

Electrical supply . . . . . Class I

### Maximum heat dissipation into room under

steady-state conditions . . . . . 6824 Btu/hr (2.0 kW)

Noise level 0.91 m (3 ft) in front of centrifuge. . . . .  $\leq 68$  dBA

Installation (overvoltage) category . . . . . II

Pollution degree. . . . . 2\*

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