

9 Technical data
9.1 Weight/dimensions
9.1.1 Device dimensions

Width (external)	56 cm (22 in)
Height (external)	61 cm (24 in)
Height (with lid open)	101.9 cm (40 in)
Depth (external)	76 cm (30 in)
Weight (E24)	60 kg (133 lb)
Weight (E24R)	79 kg (175 lb)

9.1.2 Platform dimensions

Width	46 cm (18 in)
Depth	46 cm (18 in)
Weight	2.5 kg (5.5 lb)

9.1.3 Chamber dimensions

Width	51.7 cm (20 3/8 in)
Height	34.4 cm (13 9/16 in)
Depth	53.3 cm (21 in)

9.1.4 Required space/footprint

Width	68.6 cm (27 in)
Height	106.7 cm (42 in)
Depth	83.8 cm (33 in)

Technical data

New Brunswick™ Excella® E24/E24R Shaker
English (EN)

9.2 Application parameters**9.2.1 Speed**

Speed (with 1.91 cm (¾ in) orbit)	50 rpm – 400 rpm
Control accuracy	±1 rpm



Use of baffled flasks significantly reduces maximum speed for any shaker. We may be able to improve this maximum speed by using an alternative motor pulley. Contact Eppendorf Customer Service for more information.

9.2.2 Capacity

Maximum load	15.42 kg (34.00 lb)
Heater	Long-life, low-watt density resistance-type heater with high temperature thermostat

9.2.3 Temperature

Range (E24)	7 °C above ambient temperature to 60 °C
Range (E24R)	15 °C below ambient temperature (minimum 4 °C) to 60 °C
Accuracy	±0.1 °C at 37 °C
Ambient operating environment	10 to 35 °C, 20 to 80 % relative humidity, non-condensing
Altitude limit	2000 m

9.3 Power supply**E24 mains/power supply**

100 V, 50 Hz	800 VA
100 V, 60 Hz	800 VA
120 V, 60 Hz	800 VA
230 V, 50 Hz	800 VA

E24R mains/power supply

100 V, 50 Hz	1500 VA
100 V, 60 Hz	1500 VA
120 V, 60 Hz	1500 VA
230 V, 50 Hz	1500 VA