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BECKMAN® J-6B CENTRIFUGE

- Floor Model Refrigerated Centrifuge
- Long drive and brush life
- Broad temperature range
- Built-in speed calibration check
- Wide choice of rotors, tubes, and adapters
- Adjustable overtemp shutdown protection
- Quiet operation



Typical Manufacturer's Picture

Specifications

Maximum Speed	6000 rpm
Minimum Speed	Any speed outside the rotor's critical speed range (~600 to 800 rpm). Critical speed is the speed at which a rotor shifts from rotation about its geometric center to rotation about its center of mass. Critical speed is characterized by some vibration.
Maximum RCF	6840 x g
Maximum Rotor Capacity	6 liters
Drive System	1.2 kW (1 ½ hp) dc motor; belt-driven driveshaft.
Speed Control	Rotor Speed meter reading is within 50 rpm of setting on Speed dial, and within 150 rpm of actual rotor speed. Control range is 0 to 6000 rpm.
Acceleration Time	Minimum 15 seconds (JA-21 rotor), maximum 2.5 minutes (JS-4.2 rotor).
Braking System	Electronic, variable braking
Maximum Braking Time	At maximum brake setting: no more than twice the acceleration time.
Temperature Control	Sample temperature is within 2°C of the desired temperature; within 1° if calibration has also been performed.
Temperature Control Range	0 to 40°C at full speed; as low as -25°C at reduced speed.
Ambient Range	16°C to 38°C (60°F to 100°F)
Maximum Heat Output	(During Operation) 1.9 kW (6500 Btu/h)
Timer	Times up to 30 minutes (60 Hz instruments) or 36 minutes (50 Hz instruments), or HOLD; graduated in 1-minute increments
Rotor Chamber Diameter	580 mm (23")
Electrical Requirements	3-wire single phase Range for 208V/60Hz 187-223 V Range for 240V/60Hz 224-264 V Range for 220V/50Hz 210-224 V
Dimensions	Right side (for tilting up door): 150 mm (6"). Left side: 150 mm (6"). Back (distance from condenser fins to wall, essential for adequate ventilation): 150 mm (6"). Net weight: 252 kg (555 lbs). Height to door top (door closed): 940 mm (37"). Height to work surface (door open): 910 mm (35.5"). Overall height: 1270 mm (50"). Overall width: 711 mm (28"). Overall depth (without bracket): 825 mm (32.5"). Height with door open (left side): 1600 mm (63").



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