

Thermo Scientific Precision Refrigerated Incubators

➤ Broad Temperature Range

Featuring microprocessor controls and forced air circulation, our Precision refrigerated incubators are ideal for applications that require temperatures ranging from -15°C to 60°C with excellent stability.



Model 818



Model 815

Efficient, Dependable Design

- Easy-to-clean, corrosion resistant construction
- Compressor relay conserves energy

Excellent Temperature Uniformity

- Microprocessor control with easy-to-read display shows actual temperature within 0.1°C
- Push-button controls feature temperature set-point selection
- Forced air circulation delivers excellent temperature stability
- CFC-free, foamed polyurethane insulation prevents heat loss
- RTD temperature probe and protected setpoint mode prevent accidental temperature change
- Door key lock protects samples from unauthorized access

20 cu. ft. Model 815 Refrigerated Incubator:

- Ideal for BOD applications and temperature settings at or below ambient
- Advanced microprocessor controlled with easy-to-use push buttons and set-points
- Connection for external chart recorder and RS-232 interface for data logging
- Holds up to 333 BOD bottles (300 ml)



Refrigerated Incubators	Undercounter Model	Model 30MR	Model 815	Model 818/Plant Growth
Chamber Volume	6.1 cu. ft./173 L	30 cu. ft./850 L	20 cu. ft./566 L	17.8 cu. ft./504 L
Temperature Control	Microprocessor Controlled	Hydraulic Thermostat	Microprocessor Controlled	Microprocessor Controlled
Temperature Display	LED	Dial Thermometer	LED	LED
Temperature Range	-10°C to +60°C	5°C to 70°C	-10°C to +50°C	-10°C to +50°C / +10°C to +50°C*
Uniformity @37°C	±1.0°C	±1.0°C	±0.5°C	±1.5°C @ 20°C
Sensitivity @37°C	±0.1°C	±0.2°C	±0.1°C	±0.2°C
Dimensions (W x H x D)				
Chamber	20.5 x 28 x 20.5 in. (52 x 70 x 53 cm)	30 x 72 x 24 in. (76 x 183 x 61 cm)	26.5 x 57 x 20 in. (67.3 x 144.8 x 50.8 cm)	26.5 x 57 x 20 in. (67.3 x 144.8 x 50.8 cm)
Exterior	24 x 34.5 x 24.5 in. (61 x 88 x 62 cm)	63 x 93 x 30 in. (91 x 236 x 76 cm)	32 x 75 x 29 in. (82 x 191 x 74 cm)	32 x 75 x 29 in. (82 x 191 x 74 cm)
Electrical Specs				
115 V	860 watts/9.5 amps	–	800 watts/7.0 amps	860 watts/7.5 amps
120 V		2150 watts/17.9 amps	–	–
230 V	860 watts/5.8 amps	–	800 watts/3.5 amps	860 watts/3.75 amps
Shelves	2 supplied, 4 max	6 supplied, 6 max	6 supplied, 6 max	6 supplied, 6 max
Catalog Number				
115 V	PR205745R	120V: 3977 with glass door 3975 with solid door	3721	3759
230 V	PR205740R	–	3722	3758
Shipping Weight	126 lb/57 kg	760 lb/345 kg	315 lb/142.9 kg	347 lb/157.4 kg

All 115V units are cCSAus listed.
 * with illumination
 12 month warranty (parts and labor)

17.8 cu. ft. Model 818 Plant Growth Chamber:

- Ideal for applications requiring night/day simulation, precise temperature control and uniformity over a broad temperature range
- Dual-lamp fluorescent lighting provides 300 foot candles for uniform illumination
- Programmable heating and lighting cycles: 7-day program with 2 light cycles per day

