

## Thermo Scientific Precision High-Performance Incubators

**Mechanical or gravity convection with advanced microprocessor controls ideal for applications requiring excellent temperature distribution or gentle sample heating between 5°C above ambient to 75°C**



- Uniform heating, precise temperature control and fast drying
- Blower circulates heated air in a horizontal airflow pattern for efficient heat distribution with tight temperature tolerances of up to  $\pm 0.5^{\circ}\text{C}$
- Gravity convection offers gentle drying with heat-generated convection to move the air vertically through the chamber to heat samples

### 317L units with Advanced Microprocessor PID Controls

- Sophisticated microprocessor PID controls with easy-to-view digital LED readout
- Temperature is displayed on large, three-character screen; can be easily set from 5°C above ambient to up to 75°C (depending on model) in 0.1°C increments using touch-sensitive arrow keys
- Fixed setpoints on control panel eliminate need for tuning
- Offset feature enables easy calibration

### Built-In Safety

- Built-in safety back-up maintains control at 3°C above setpoint if primary heater control fails
- Visual alarm indicates when temperature exceeds 3°C setpoint

### Robust Construction

- Inner glass door permits viewing of samples without disturbing chamber environment in 317L unit
- Silicone gasket on outer door and 7.6cm (3in.)-thick fiberglass insulation prevents heat loss, for high temperature uniformity
- Circuit breaker protects against power surges
- Durable, enamel-coated steel exterior
- Low-watt density heater elements are designed for long life
- Internal electrical outlet allows operation of a shaker, stirrer or other lab apparatus
- Double-door design

**Warranty\*:** 1 year (parts and labor)

**Certifications:** UL/cUL listed

**PRODUCT ONLY AVAILABLE IN NORTH AMERICA**

Cat. No.	Capacity	Interior Dimensions (D x W x H)	Exterior Dimensions (L x W x H)	Control	Temp. Range	No. of Shelves	Electrical
<b>Gravity Convection</b>							
<b>PR205075G</b>	317L (11.2 cu. ft.)	53 x 94 x 64cm (21 x 37 x 25in.)	64 x 101 x 88cm (25 x 40 x 35in.)	Microprocessor PID	Ambient +5° to 65°C	6 supplied/ 36 max.	120V 60Hz (450w/3.8A)
<b>Mechanical Convection</b>							
<b>PR205075M</b>	317L (11.2 cu. ft.)	53 x 94 x 64cm (21 x 37 x 25in.)	64 x 101 x 88cm (25 x 39.8 x 34.5in.)	Microprocessor PID	Ambient +5° to 75°C	6 supplied/ 36 max.	120V 60Hz (520w/4.3A)

### Accessories

Cat. No.	Description	For Use with
<b>AY2076X1</b>	Shelf Kit	High-Performance Incubator; Double-door 11.2 cu. ft. units