



# Furnace Technologies Pty Ltd

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## Gravity and Forced Convection Incubator

### Exterior

Tough, easy to clean semi gloss finish. Powder coated cream or to customers requirements. Also available with acid resistant two pack polyurethane.

### Outer Door

Well supported with robust hinges to give long life and eliminate sag. The door seals with a magnetic surround and non protruding easy opening stainless finger strip.

### Control Panel

Mounted above door to give eye level vision of instruments. Solid state temperature control with digital readout and touch switch temperature selection. Controller easy to remove for quick replacement if needed. A push button reset overheat thermostat is mounted on the control panel.

### Insulation

50 mm thick high grade fibreglass for minimum heat loss.

### Interior

All stainless steel with clear floor space for special equipment.

### Inner Door

The glass door is filled with robust hinges. A catch ensures positive seal against rubber surround. Shelves Chrome plated straight wire type shelves allow maximum circulation.

### Forced Convection

Fan motor, rubber mounted for very quiet running.

### Incubator Data

Model No.	Temperature Range	Internal dimensions H x W x D	External Dimensions H x W x D	Capacity Litres	No of Shelf Positions	No of Shelves Supplied	Power Rating (Watts)
14	AMB - 70°C	20 x25 x 20	39 x 36 x 29	10	3	2	200
15	AMB - 80°C	35 x 30 x 30	66 x 43 x 40	31.5	3	2	200
16	AMB - 80°C	46 x 38 x 35	75 x 51 x 44	60	4	2	300
17	AMB - 80°C	60 x 50 x 50	94 x 63 x 57	150	5	3	600
18	AMB - 80°C	90 x 60 x 50	120 x 73 x 58	270	6	4	950
19	AMB - 80°C	120 x 60 x 60	148 x 78 x 70	432	8	4	1300



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Standard units 240V 50Hz AC.

Typical Temperature Fluctuation +/- 0.1 °C at 37°C.

Typical Temperature Variation +/- 0.5°C at 37°C.

Gravity Convection Incubators

Spiral type elements in the heating chamber are used for even temperature distribution. Accurate control is obtained with either a snap action hydraulic thermostat solid state analog instrument or digital indicator controller. This type can be supplied with stirrer (mechanical convection).

Large Capacity Incubators

Information on incubators with a greater working volume will be provided on request.

Special types made to customer's specifications.

