

# Horizontal Air Flow Oven

(Ambient +5°C to 200°C)

Serving the Scientific, Medical and Research industries since 1945

**LABEC**

**LABEC Superior Horizontal Air Flow Oven** is manufactured in Australia with high quality stainless steel for easy maintenance and excellent durability. The Horizontal side draught flows across all shelves, giving an even distribution of temperature when loaded. Especially useful for loaded chambers or samples with large surface areas and where uniform temperature is crucial.



PID Control display system

**Controller** – A digital microprocessor based PID temperature controller controls the temperature within the range ambient +5°C to 200°C, temperature fluctuation at 105°C is  $\pm 1^\circ\text{C}$ .

#### Standard features include:

- RCD/ ELB (earth leakage breaker).
- Over Temperature Thermostat.
- Stainless Steel exterior.
- Type K Thermocouple.
- Adjustable/removable shelving.
- Extraction vent tube.
- Fresh Air Intake.
- 50mm insulation on all surfaces.



Model OHC24SS

#### Data logging

When optioned the controller can be connected via RS232/RS485 communication ports which can be connected directly to a data logger or computer to collect this information. Software is available for programming and monitoring.

#### Additional options

To suit your requirements the addition of options such as a safety toughened glass viewing window, programmable controllers, timers and cable access ports are also available.

## SPECIFICATIONS

# Horizontal Air Flow Oven

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Model	OHC18SS	OHC24SS	OHC36SS	OHC50SS
Int. Dim. (cm) H x W x D	46 x 38 x 38	61 x 51 x 51	91 x 61 x 51	120 x 65 x 65
Ext. Dim. (cm) L x W x D	110 x 58 x 50	120 x 70 x 65	150 x 80 x 65	180 x 85 x 80
Temp. Min	Ambient +5°C			
Temp. Max	200°C			
Shelves	2			3
Capacity (L)	66	160	300	507
Power (W)	1500	2000	2400	3600
Weight (kg)	45	60	76	96

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