

# General Purpose Oven


Fan Forced (Ambient +5°C to 300°C)

Serving the Scientific, Medical and Research industries since 1945

**LABEC**

**LABEC General Purpose Fan Forced Oven** is manufactured in Australia with high quality stainless steel for easy maintenance and excellent durability. Suitable for applications where general warming, drying or heating is required.

Using fan forced convection heating which circulates the warm air inside the chamber providing improved uniformity and recovery after door is opened.



**PID Control display system**

**Controller** – A digital microprocessor based PID temperature controller controls the temperature within the range ambient +5°C to 300°C, temperature fluctuation at 105°C is  $\pm 1^\circ\text{C}$ .



## 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.

## Standard features include:

- RCD/ELB (earth leakage breaker).
- Over Temperature Thermostat.
- Stainless Steel exterior.
- Type K Thermocouple.
- Adjustable/removable shelving.

**LABEC**

Laboratory Equipment Pty Ltd

Laboratory Equipment Pty Ltd

email: [sales@labec.com.au](mailto:sales@labec.com.au)

Ph: 02 9560 2811 • Fax: 02 9560 6131

[www.labec.com.au](http://www.labec.com.au)

## SPECIFICATIONS

# General Purpose Oven

Fan Forced (Ambient +5°C to 300°C)

Model	ODWFH14	ODWFH18	ODWFH24	ODWFH36
Capacity (Litres)	32	66	160	300
Int. Dim. (cm) H x W x D	35 x 30 x 30	46 x 38 x 38	60 x 50 x 50	90 x 60 x 50
Ext. Dim. (cm) H x W x D	65 x 38 x 48	70 x 47 x 56	90 x 60 x 69	125 x 72 x 70
Temp. Min	Ambient+5°C			
Temp. Max	300°C			
Temp. Setting Accuracy	+/-0.1°C			
Temp. Fluctuation	at 105°C is +/- 1°C			
Temp. Sensor	Type K			
Heating System	Electric Element			
Interior Material	Stainless Steel			
Exterior Material	Stainless Steel			
Shelves	2			
Options	Glass or acrylic viewing window, castors, cable entry port, timer, programmable temperature profiler, additional shelves			
Safety Features	Over temperature alarm, temperature protection cut off, earth leakage breaker.			
Power Supply	240V/50Hz			
Power (W)	2400		3600	4800
Weight (kg)	28	38	48	94

Serving the Scientific, Medical and Research industries since 1945

**LABEC**



Laboratory Equipment Pty Ltd

Laboratory Equipment Pty Ltd

email: [sales@labec.com.au](mailto:sales@labec.com.au)

Ph: 02 9560 2811 • Fax: 02 9560 6131

[www.labec.com.au](http://www.labec.com.au)