



Furnace Technologies Pty Ltd

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FORCED CONVECTION OVEN

Ambient to 600°C

Construction:

The 600°C Oven range are constructed of heavy gauge steel outer case which is thermally isolated from the control chamber by means of bakelite blocks. The air gap thus provided, and a thermostat controlled cooling fan ensure the controls and fan motor are kept cool.

Exterior:

Attractive gloss finish baked enamel in a choice of colours, standard colour - White Birch (light cream).

Outer Door:

Well supported with robust hinges to give long life and eliminate sag. The door seals have a spring loaded back panel to compensate for any distortion at high temperatures. This seals against a fibreglass rope with a positive release door catch, which cannot let go under pressure.

Control Panel:

A solid state digital controller with touch switch temperature selection working in conjunction with a zero switching solid state relay. A push button reset overheat thermostat is mounted on the control panel. Programmable controllers are available on request.

Insulation:

100mm thick high grade fibre glass and ceramic insulation is used to keep outer skin at safe handling temperatures.

Interior:

All heavy gauge stainless steel.

Shelves:

Stainless steel straight wire type give maximum strength and ventilation with full length shelf runners providing sturdy support.

Forced Convection:

The fan motor, rubber mounted in bottom cabinet for very quiet running, is coupled to a heavy duty stainless steel fan impellor providing maximum air flow for rapid heat up and optimum oven performance.

Ventilation:

An adjustable ventilation port is mounted on top of oven for regulation of rate of exhaust. The fan is de-energized and heating inhibited when the door is opened.



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OVENS

Model No.	Temperature Range	Internal Dimensions H x W x D	External Dimensions H x W x D	Capacity Litres	Number Shelf Positions	Number Shelves Supplied	Power Rating (Watts)
24	40-150°C	20x25x20	40x36x30	10	3	2	400
25	40-200°C	35x30x30	75x49x45	31.5	3	2	1000
26	40-200°C	45x38x35	85x57x50	60	4	2	1500
27	40-200°C	60x50x50	98x69x65	150	5	3	2000
28	40-200°C	90x60x50	129x79x65	270	6	4	3000
29	40-200°C	120x60x60	156x79x74	432	7	4	4500

35	40-300°C	35x30x30	75x49x45	31.5	3	2	1300
36	40-300°C	45x38x35	85x57x50	60	4	2	1750
37	40-300°C	60x50x50	98x69x65	150	5	3	2800
38	40-300°C	90x60x50	129x79x65	270	6	4	3500

45FD	40-400°C	35x30x30	90x56x51	31	3	2	2000
46FD	40-400°C	45x38x35	100x64x56	60	4	2	3000
47FD	40-400°C	60x50x50	110x76x71	140	5	3	4800

55FD	40-500°C	35x30x30	90x56x51	31	3	2	2000
56FD	40-500°C	45x38x35	100x64x56	60	4	2	3000
57FD	40-500°C	50x50x50	110x76x71	140	5	3	4800

65FD	40-600°C	35x30x30	90x56x51	31	3	2	2400
66FD	40-600°C	45x38x35	100x64x56	60	4	2	3600
67FD	40-600°C	50x50x50	110x76x71	140	5	3	4800

Please Note: We also manufacture to customer requirements.