

LABORATORY DRYING OVENS

from 30 to 430 litre capacity



Modutemp's all new range of Laboratory Drying Ovens are designed to provide the same levels of performance and reliability within a more compact, energy efficient package. Suitable for benchtop or floor standing, this allows greater flexibility in laboratory layout. We apply the same standards of quality, design and assembly to our ovens as we do to our furnaces.

Features include:

- * Rugged steel cabinets, epoxy powder coated for lasting protection with stainless steel interior.
- * Doors mounted on heavy-duty hinges with easy-to use catches that are built to last.
- * Even heating - Excellent temperature profile throughout the oven, allows full use of all shelf space.
- * Temperature range from Ambient to 250°C.
- * Loose-fit wire shelves with ample easily adjusted runner positions to accomodate a variety of loads.
- * Reliable fan motors mounted away from the heat.
- * All controls easy to use with clear display of temperature.
- * Adjustable venting and overtemperature protection standard on every oven.
- * Designed to be easy to service when the need arises.
- * Twelve month warranty and spare parts always available.

Technical Data

Model	Internal H x W x D.	External H x W x D.	Power Kw	Shelves Included
8DON30	340 x 300 x 360 mm	510 x 500 x 560 mm	1.0	2 - 5 positions
8DON60	450 x 380 x 350 mm	665 x 580 x 610 mm	1.2	2 - 7 positions
8DON150	600 x 500 x 500 mm	815 x 700 x 760 mm	1.6	2 - 10 positions
8DON240	800 x 600 x 500 mm	1015 x 805 x 790 mm	2.6	2 - 12 positions
8DON430	1200 x 600 x 600 mm	1415 x 800 x 890 mm	3.4	2 - 14 positions



Oven Data

Model No.	Temperature Range	Internal Dims. HxWxD mm	External Dims. HxWxD mm	Capacity Litres	Shelf Levels	Shelves supplied	Power Watts
8DON30	Ambient - 250°C	340x300x360	510x500x560	30	5	2	1000
8DON60		450x380x350	665x580x610	60	7	2	1200
8DON150		600x500x500	815x700x760	150	10	3	1600
8DON240		800x600x500	1015x805x790	240	12	4	2600
8DON430		1200x600x600	1415x800x890	430	14	4	3400

Additional shelves for all models available on request

Power requirements

240volt 50Hz, single phase.

Models 8DON30-8DON150 require a 10amp outlet.

Models 8DON240 & 8DON430 require a 15amp outlet.

For use on other supply voltages, please consult your authorised dealer.

Operation and Control tolerances

Fan-forced Convection Ovens

Typical Temperature Fluctuation about set value $\pm 0.5^{\circ}\text{C}$ at 100°C .

Typical Temperature Variation throughout oven chamber:

$\pm 1^{\circ}\text{C}$ at 70°C

$\pm 2^{\circ}\text{C}$ at 150°C

$\pm < 3.5^{\circ}\text{C}$ at 250°C