



Horizontal Batch Ovens

The **ALMOR** range of industrial horizontal batch ovens are based on the well proven BARLOW-WITNEY design and can be used in a diverse range of industries.



► DESIGN FEATURES

- Range of standard sizes
- Two standard maximum operating temperature ranges
 - up to 350°C (mild steel interior)
 - up to 650°C (stainless steel interior)
- Available as shelf loading or trolley loading
- Vertical air flow to give excellent temperature uniformity of $\pm 5^{\circ}\text{C}$
- Electric heating
- Double cased construction
- Insulated with high quality mineral wool slabs
- Explosion relief panel
- Integral temperature controller
 - Excess temperature thermostat
 - Motor starter
 - Operator controls
- Side hinged doors
- Door Switch

OPTIONAL EXTRAS

- Adjustable fresh air intake and fume vent from oven work space
- Excess temperature controller
- Air pressure switch
- Vertical sliding door
- Process timer
- 7-day time clock
- Temperature recorder
- Bifurcated extraction fan
- Mesh or solid trays in mild steel or stainless steel and trolleys

OTHER ALMOR GROUP PRODUCTS:

- High temperature furnaces
- Furnace upgrade/refurbishment
- Process control systems
- Specialist nickel chrome fabrications

For more information

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► Customer Benefits

- MINIMUM MAINTENANCE**
 The ovens are heated by mineral insulated nickel chromium alloy sheathed elements, designed with low energy dissipation to give long trouble free life
- RELIABLE , CONSISTENT RESULTS**
 The vertical air flow pattern with a large capacity fan and baffle system promotes excellent temperature uniformity
- COMPLETE SOLUTION**
 ALMOR can provide a complete turn key solution, including site installation, commissioning and training.
- AFTER SALES SUPPORT**
 ALMOR provides complete after sales spares and service support
 Maintenance service contracts can be provided, together with process/technical consultancy

► Technical Data

MODEL	6.6.6	6.12.6	7.12.7	9.9.9	9.15.9	12.12.12	12.18.12	15.15.15	18.18.18	21.21.21	24.24.24
CAPACITY mm	0.22	0.43	0.67	0.73	1.21	1.73	2.55	3.37	5.83	9.26	13.84
INTERNAL WIDTH mm	600	600	750	900	900	1200	1200	1500	1800	2100	2400
INTERNAL HEIGHT mm	600	1200	1200	900	1500	1200	1800	1500	1800	2100	2400
INTERNAL LENGTH mm	600	600	750	900	900	1200	1200	1500	1800	2100	2400
EXTERNAL WIDTH mm	1350	1350	1450	1650	1650	1950	1950	2400	2700	3000	3300
EXTERNAL HEIGHT mm	1250	1850	1850	1550	2250	1850	2450	2250	2550	3850	3150
EXTERNAL LENGTH mm	950	950	1100	1250	1250	1550	1550	1850	2150	2450	2750
HEATER RATING Kw	6	9	9	12	18	21	24	27	36	54	75
FAN RATING Kw	0.37	0.75	0.75	0.75	1.5	1.5	2.2	2.2	2.2	3.0	3.0
NETT WEIGHT Kg	400	500	650	600	750	1200	1300	1350	1800	2700	3600
MAXIMUM NO. OF TRAYS	4	8	8	6	10	8	12	14	-	-	-
BATCH/TROLLEY LOADING	B	B/T	B/T	B	B/T	B/T	B/T	B/T	T	T	T
SINGLE/DOUBLE DOOR	S	S	S	S	S	S/D	S/D	D	D	D	D

NOTE: 1: Capacities, dimensions, weights and ratings are approximate and for guidance only.

2: Other sizes are available on request.