

Lindberg/Blue M vacuum ovens

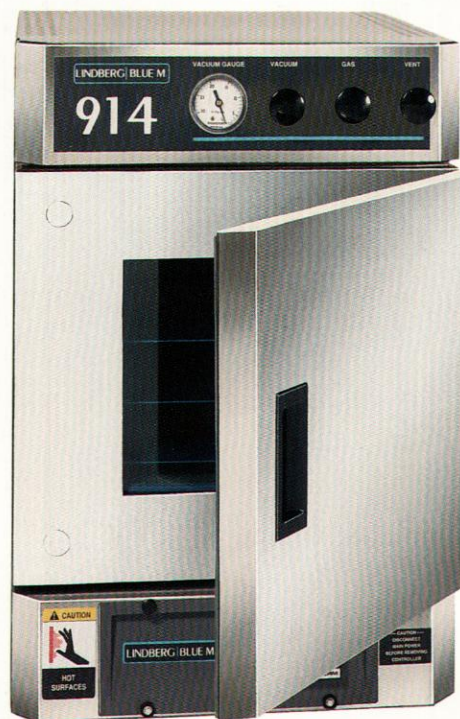
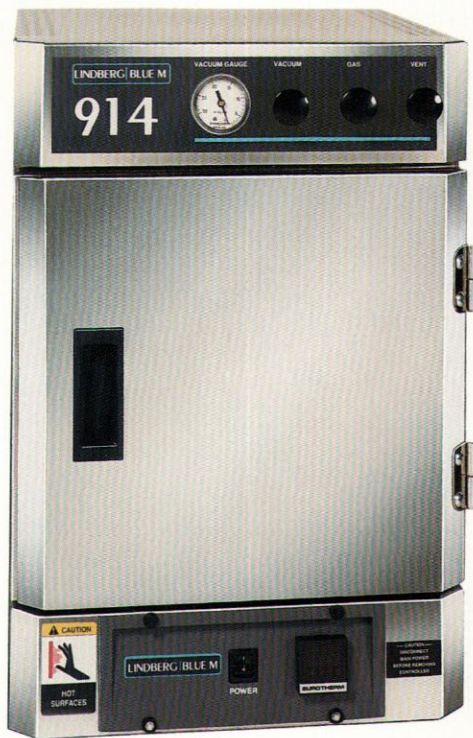
Ideal for baking, vacuum drying, curing, aging tests, conditioning, desiccating, vacuum embedding, outgassing solids and liquids, vacuum storage, plating and electronic process control. Using a nitrogen atmosphere, moisture testing of minerals, chemicals, food products, soil, coal and pharmaceuticals can be performed.

features

- long life heating elements
- electronic digital control
- built-in overtemperature protection
- fully-insulated oven sides and doors
- tempered glass viewing window
- exclusive one-inch manifold
- unique heating element design

benefits

- lifetime heating element warranty
- easy-to-read LED instrumentation
- automatic power shut-down in overtemperature condition
- exceptional energy efficiency
- workload can be viewed during oven operation
- facilitates use with in-house vacuum system
- unparalleled temperature uniformity



Bringing you over 80 years of innovative furnace design

...on the leading edge of temperature technology



Moldatherm Box Furnace



Waterbath



1200 C Box Furnace



Mechanical Convection Oven



1200 C Tube Furnace
and Controller

Lindberg/Blue M vacuum ovens

Ideal ovens for a variety of applications including those that require a controlled atmosphere

These new Lindberg/Blue M vacuum ovens offer an exceptionally cost- and energy- efficient answer for those who require high reliability and precise temperature performance. Heavy duty construction and quality components assure long service life. Two chamber sizes in a choice of stainless steel or enameled steel exteriors are available.

standard features

Exclusive lifetime heating element warranty

Lindberg/Blue M heating elements are the best in the business and carry a lifetime warranty.

Durable stainless steel interior

The oven's stainless steel interior resists corrosion and is easy to clean and keep clean.

Electronic Digital Control

An easy-to-read LED instrument readout simultaneously displays actual vs setpoint temperature readings.

Overtemperature protection

Guards against run-away temperatures and overshoot. A visual alarm displays the overtemperature condition and power is cut off to the oven heating element.

Fully insulated oven sides and doors

This feature maximizes temperature uniformity and energy efficiency. It keeps the heat in the oven and the outside working environment cooler.

Dual door construction (stainless steel models only)

Provides greater chamber temperature uniformity.

Tempered glass viewing window.

Standard on all models. Permits the workload to be viewed during operation. The window pane is one-half inch thick.

Exclusive three aluminum shelves

Only Lindberg/Blue M vacuum ovens deliver three aluminum shelves as standard to provide exceptional workspace flexibility.

Positive door seals

Spring loaded door with magnetic door latch provides a tight, long-life sealing mechanism.

specifications

Temperature range: Ambient \pm 6 C to 260 C

Model No.	Chamber Dimensions W D H	Exterior Dimensions W D H	* Exterior Overall Dimensions W D H	Electrical Data	Exterior	Shipping Wt. (lbs)	Net Wt. (lbs)
VO-914A	9 x 14 x 9 (in) 22.8 x 35.5 x 22.8 (cm)	17.5 x 20 x 24.7 (in) 44 x 51 x 63 (cm)	17.5 x 23 x 25 (in) 44 x 58 x 63 (cm)	1050W, 120V Single Phase, 50/60 HZ	Enameled Steel Exterior	150	100
VO-914SA	9 x 14 x 9 (in) 22.8 x 35.5 x 22.8 (cm)	17.5 x 20 x 24.7 (in) 44 x 51 x 63 (cm)	17.5 x 23 x 25 (in) 44 x 58 x 63 (cm)	1050W, 120V Single Phase, 50/60 HZ	Stainless Steel Exterior	150	100
VO1218A	12 x 18 x 12 (in) 30 x 46 x 30 (cm)	20.5 x 23 x 28.4 (in) 52 x 58 x 72 (cm)	20.5 x 26 x 28.75 (in) 52 x 66 x 73 (cm)	1550W, 120V Single Phase, 50/60 HZ	Enameled Steel Exterior	250	200
VO-1218SA	12 x 18 x 12 (in) 30 x 46 x 30 (cm)	20.5 x 23 x 28.4 (in) 52 x 58 x 72 (cm)	20.5 x 26 x 28.75 (in) 52 x 66 x 73 (cm)	1550W, 120V Single Phase, 50/60 HZ	Stainless Steel Exterior	250	200

Built-in overtemperature protection included.
Vacuum port capability to 10 torr.
Manifold capability to greater than 100 millitorr.
Three aluminum shelves included as standard on all models.

* Includes door handle, manifold and leveling feet.
UL/CSA approval pending.
All dimensions are in inches and centimeters. All specifications are subject to change without notice.

The vacuum oven described in this bulletin is just one of the high quality constant temperature controlled products Lindberg/Blue M has produced for laboratory and scientific applications. See your laboratory supply dealer or write to Lindberg / Blue M for more information on our hot plates; box, tube and crucible furnaces; ovens; incubators; baths and environmental chambers.

Excellent chamber utility

Square chamber design maximizes workload capacity.
Three aluminum shelves are provided.

Versatile plumbing features enhance performance

Exclusive One inch manifold, located at rear of chamber facilitates use with in-house vacuum system.

Inert gas injection valve permits easy atmosphere injection.

Fresh air intake inlets are located in rear chamber.

Vacuum port exhausts vacuum atmosphere.

Vent port releases atmosphere from chamber.

Exclusive Gas valve and port provided for operation with inert atmospheres.

Horizontal cross flow ventilation

Provides optimum gas circulation over workload.

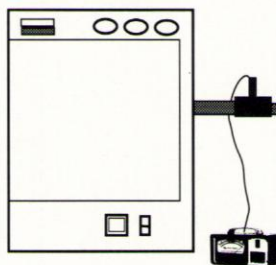
True vacuum seals and gas valves

Designed for easy operation

Exclusive Electrical outlet provided for direct connection of vacuum pump.

Exclusive Front mounted control on a pull-out shelf simplifies service. Electronics are isolated from heating chamber.

Three prong power cord is standard.



A complete line of optional accessories available.

- pumps
- traps
- hoses
- TC vacuum gauge
- clamps and fittings