

# Lindberg/Blue M Vacuum Ovens

Developed for industrial, life science, and general laboratory uses requiring higher performance standards than conventional ovens, Lindberg/Blue M vacuum ovens feature digital controls, laboratory grade cabinet construction and operational features which offer safety, quality, convenience, and high-drying performance. In addition, exterior options and accessories are available to meet individual lab requirements.

## Key features:

- Two chamber sizes 18.6L and 42.5L
- Temperature range: ambient +6°C to +260°C;
- Heating technology: Jacket heating
- Single setpoint digital microprocessor control, with one ramp to setpoint
- Simultaneous LED display of setpoint and actual temperature with push-button view
- Independent over-temperature safety system factory set with reset push-button
- 25.4 mm / 1 in. manifold at rear of unit connects to pump (not included) or in-house vacuum source, can also be used as port
- Alternative 3/8 in / 9.5mm vacuum connection included
- 1/4 in / 6.4mm inert gas connection for non-flammable, non-corrosive inert gases and separate vent port located on back
- Vacuum, gas and inlet valves conveniently located on front

- Vacuum capability: 1.33 mbar
- Viewing windows: 0.5in. (1.3cm) thick in two smaller capacity models; permit observation of work in progress without loss of heat
- Aluminum shelves for fast heat transfer; removable
- High-temperature silicone gasket for a positive seal; Buna N seals available for applications below 150°C that require no silicone
- Magnetic latch door seal.



Vacuum and gas control – above door



Model VO914A-1



## Specifications for Lindberg/Blue M Vacuum Ovens

Cat. No.	Control details / display	Temperature range	Temperature resolution / uniformity	Interior dimensions D x W x H	Exterior dimensions L x W x H	Number of shelves	Finish	Electrical	Plug type	Shipping weight
Capacity 18.6L (0.65 cu. ft.)										
VO914A-1	PID control; single setpoint; dual digital display	Ambient +6° to 260°C	±1°C/ ±3.5°C	36 x 23 x 23cm (14 x 9 x 9in.)	58 x 46 x 66cm (23 x 18 x 26in.)	3	Painted Steel	120V 50/60Hz 750w	Nema 5-15	68kg (150 lb.)
Capacity 42.5L (1.5 cu. ft.)										
VO1218A-1	PID control; single setpoint; dual digital display	Ambient +6° to 260°C	±1°C/ ±3.5°C	46 x 31 x 31cm (18 x 12 x 12in.)	66 x 53 x 74cm (26 x 21 x 29in.)	3	Painted Steel	120V 50/60Hz, 1250w	Nema 5-15	113kg (250 lb.)

Pump connection: 25.4 mm / 1.0 in  
 Alternative pump connection: 9.5 mm / 0.38 in.  
 Inert gas connection: inner diameter 6.4 mm / 0.25 in  
 Vacuum operation to 20 mbar can be obtained using a singlestage mechanical pump with a free air capacity of 35 liters per minute.  
 Warranty: 2 years (parts and labor)  
 Certification: All models carry UL (no cUL)

**Ordering Alert:** Products not available in Europe – no CE.

## Accessories for Lindberg/Blue M Vacuum Ovens

- Connection kit (needed only if fittings, clamps, and hose are not supplied with the pump)
- Silicone replacement gaskets
- Buna-N silicone-free gaskets, for silicone-free applications, for temperatures up to 150°C only

Cat. No.	Description	For use with
118961	Connection Kit – includes NW fittings, centering rings, connectors, vacuum clamps and hose to connect vacuum pump to oven.	All Lindberg/Blue M vacuum ovens
305994H01	Silicone replacement gasket (red)	VO914 Series
305992H01	Silicone replacement gasket (red)	VO1218 Series
118974	Buna-N silicone-free gasket, for temperatures up to 150°C only	VO914 Series
118977	Buna-N silicone-free gasket, for temperatures up to 150°C only	VO1218 Series
IQ/OQ documents available:		English: IOQDOCE89003503; French: IOQDOCF89003503



Buna-N silicone-free gasket



Pump/gas connection on the back of the unit