



**Lyovapor™ L-300**

## **Pre-installation Checklist**

The following checklist will assist you in site preparation for your BUCHI instrument. Careful attention to the requirements presented in this document will help simplify instrument installation and ensure that the instrument operates as it was designed.



# Lyovapor™ L-300

## Pre-installation checklist

All appropriate items in this checklist must be completed, signed and returned to BUCHI.  
If you are performing self-installation, please check the box and return the form to BUCHI.

### Environmental requirements

Ambient temperature of 15 °C to 25 °C.

Relative humidity  $\leq$  80%.

Floor loading suitable for instrument weight of 272 kg.

### Space requirements

Enough space as defined below:

Lyovapor™ L-300 : 710 x 1000 x 900 mm.

Minimum clearance around instrument of 40 cm.

Allow additional space for drying attachments.

Allow additional space around the instrument for a comfortable working environment, preparing samples, bottles, etc. Take into account any additional obstacles in the area such as gas taps, water taps, drains, sloping ceilings in enclosures, etc.

### Location of the unit

Place the Lyovapor™ L-300 on a clean, level, vibration free surface.

### Power requirements

Lyovapor™ L-300, 50 Hz:

- Socket: 380–400 V 3N~, 6000 VA.
- Instrument plug: CEE 400 V 16 A (IEC 60309), 5 Poles (3P+N+PE), 6 h, red.

Lyovapor™ L-300, 60 Hz:

- Socket: 208–220 V 3N~, 5000 VA.
- Instrument plug: NEMA L21-20, 4-poles/5-wire, 20A, 3Ø 208 V.
- A qualified electrician will be required to provide the appropriate outlet for the 3-phase supply to comply with local electrical safety directives.

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Self-supplied vacuum pumps can draw power directly from the Lyovapor™ L-300 if they have a compatible C14 power cable connection and the appropriate power cable (11064934).

### Other requirements

Caution: The Lyovapor™ L-300 weighs 272 kg. Additional assistance during the installation will be required to position the system.

Elevator system is required to move instrument to different floors.

The Lyovapor™ L-300 is shipped in its own special palletised container. On the day of the installation, plenty of space and at least 2 persons are required at the installation site to help unload the instrument.

Instruments installation within 4 to max. 8 weeks after delivery.

Distilled water has to be used for the fresh water supply Gas ballast at the vacuum pump in open mode.

A power user is assigned by the customer.

### Other requirements

I have reviewed the detailed Technical Data on [www.buchi.com/en/support/downloads](http://www.buchi.com/en/support/downloads)  
My facility fulfills the required specifications.

# Lyovapor™ L-300

## Pre-installation checklist

### Facility sign-off

Return your checklist as soon as your facility is ready and functional for prompt installation of your Lyovapor™ L-300.

Environmental Requirements as specified for your facility.

Space Requirements.

Power Requirements.

Other Requirements.

### Please enter the following information and sign below:

Company name

Customer name

Email address

Purchase order n°.

I certify that the preparations required for the installation of the Lyovapor™ L-300 have been completed and functional as described in this document.

**I further acknowledge that if any of these requirements are not ready by the agreed upon installation date and I have not rescheduled the installation, then I will be responsible for any additional costs relating to the installation of the system.**

Customer signature

Date

Please sign and return by email to BUCHI as soon as your laboratory is ready for installation:

**Attention:** Find your BUCHI affiliate or partner on: [www.buchi.com/en/worldwide](http://www.buchi.com/en/worldwide)

**If you have any questions or queries, then please do not hesitate to contact us.**

# Core messages to our customers

## BUCHI creates added value

“Quality in your hands” is the guiding principle that shapes our philosophy and our actions. It challenges us to provide outstanding services that are precisely tailored to your needs. This means that we must stay in close contact with our customers. That is why we keep in touch and continue to work very hard to understand you and your business even better.

We help you by providing high-quality products, systems, solutions, applications and services that offer you added value. This allows you to focus entirely on your processes and your work.



### Competent

We have the technological expertise and decades of experience needed to provide competent support and work with you to continually improve our services.



### Reliable

We guarantee the quality and functionality of our equipment and will continue to help you quickly and efficiently whenever something does not operate to your satisfaction.



### Safe

By collaborating closely with you, we do everything in our power to make our products, systems, solutions, applications and services as safe as possible for people and the environment.



### Cost-effective

We strive to create a high level of economic benefit and maximum added value for you.



### Global

As an international family-owned business with own subsidiaries and qualified distributors, we have a presence wherever you are located.



### Easy

We support you by providing carefully designed solutions as well as instruments and systems that are easy to operate.



### Sustainable

We support environmentally friendly processes and manufacture products that have a long service life. We utilize advanced technologies to leave the smallest environmental footprint possible.

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Find your local representative at:

[www.buchi.com](http://www.buchi.com)

Quality in your hands

