



Rotavapor® R-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.



Rotavapor® R-300

Pre-installation checklist

All appropriate items in this checklist must be completed, signed and returned to BUCHI. Re-turn your checklist as soon as your laboratory is ready and functional for prompt installation of your Rotavapor® R-300. If you are performing self-installation, please check the box for self-installation on page 4 and return the form to BUCHI.

Environmental requirements

Place the Rotavapor® R-300 in a well ventilated room or fume hood.

Ambient temperature of 5°C to 35°C

Relative humidity \leq 70%

Space requirements

Enough space as defined below: (Width x Depth x Height)

For the Rotavapor® R-300 with a V condenser assembly: 610 x 430 x 950 mm.

For the Rotavapor® R-300 with a cold trap assembly: 630 x 430 x 920 mm.

For all other condenser assemblies refer to the technical data sheet for information.

For the Vacuum Pump V-300: 200 x 325 x 300 mm.

For the Vacuum Pump V-600: 330 x 325 x 300 mm.

Include additional depth for optional secondary condensers.

For the Recirculating Chiller F-305: 280 x 400 x 500 mm.

For the Recirculating Chiller F-308: 400 x 500 x 580 mm.

For the Recirculating Chiller F-314: 400 x 500 x 660 mm.

Allow at least 40 cm of space between the recirculating chiller and the wall and 40 cm in front of the chiller for sufficient airflow and proper cooling of the chiller.

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



Rotavapor® R-300

Pre-installation checklist

Location of the unit

The unit must be installed on a clean, stable, and level surface.

If using a condenser assembly V, A, E, BY or HP without a recirculating chiller then the system should also be within 1.0m of the cooling water supply. Cooling water needs to operate with unobstructed flow with no more than 2 bar of pressure. The cooling water tap needs to have a connection suitable for pushing on and securing a 6mm ID / 9mm OD hose. A drainage sink able to keep secure a drainage hose should also be available.

Power requirements

A Rotavapor® R-300 requires two standard 100 – 240 VAC \pm 10% 50/60Hz mains electricity sockets (one for the Rotavapor® R-300 and one for the B-300 bath base).

Each accessory (Vacuum Pump, Recirculating Chiller) requires its own standard 230V mains electricity socket.

All mains electricity cables and plugs are supplied.

Other requirements

When using a Recirculating Chiller, take into account the chiller temperature setting when selecting a coolant. A 40:60 ethylene glycol to water mixture that does not freeze until -16°C is recommended. Allow 6L for an F-305, 8L for an F-308 or 10L for an F-314; this allows enough to fill the chiller and condenser while also leaving enough for future use.

Dry ice/ EtOH (If a cold trap condenser is being used)

For optional connection to the BUCHI Cloud, an Ethernet cable connected to the internet is required.

Detailed Technical requirements

I have reviewed the detailed Technical Data on www.buchi.com/media-center.
My facility fulfills the required specifications.



Rotavapor® R-300

Pre-installation checklist

Facility sign-off

Return your checklist as soon as your facility is ready and functional for prompt installation of your Rotavapor® R-300

Environmental Requirements as specified for your facility

Space Requirements

Power Requirements

Other Requirements

Self-Installation

Please enter the following information and sign below:

Company name

Customer name

Contact number

Purchase order no.

I certify that the preparations required for the installation of the Rotavapor® R-300 have been completed and functional as described in the Rotavapor® R-300 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 fax or email to BUCHI as soon as your laboratory is ready for installation:

Attention:

Find your BUCHI Affiliate or partner on: <https://www.buchi.com/en/worldwide>

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



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Quality in your hands

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