

Site Requirements

DryVap® and Biotage® Solvent Recovery SVOC



Biotage® 1-Point Support™

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Dear Valued Customer

The following document will assist you in the preparation of your laboratory for a successful installation of DryVap®. Please read and sign where indicated at the end of this document. Your signature validates that you have understood our requirements. We cannot guarantee a complete installation or demonstration if the requirements are not met. If you have any questions, please do not hesitate to contact Biotage® 1-Point Support™.

System Specifications to be Met

Please note: All items are mandatory, and must be within the immediate area of installation upon the technician's arrival. If items are not readily available, we will have to reschedule at the customer's expense.

Location	The DryVap System with the attached condensing glassware measures 40" x 32" x 21" (WxHxD). The system can be placed in a fume hood or on a bench top. The chiller unit may be placed either in a fume hood, on the bench top, or on the floor and measures 10" x 19" x 30". Two 8-foot pieces of tubing are provided to make the connection between the condenser and the chiller (WxHxD). The vacuum pump may be placed either in a fume hood, on the bench top, or on the floor and measures 12"x 14" x 20" (WxHxD). A length of 6 feet of tubing is provide to make the connection between the condenser and the vacuum pump.
Ventilation	The vacuum pump draws solvent vapors and the exhaust from the vacuum pump must be adequately vented. Running the exhaust line from the pump to a fume hood is sufficient.
Gas	A dry grade nitrogen source and regulator is needed to provide sparge gas to the system. The gas pressure must be a minimum of 60 PSI. The gas tubing provided with the system will have a 9/16 inch fitting on both ends of the line. One end of the tubing will connect to the DryVap System and the other end to the source. House air may not be used.
Vacuum	The DryVap® and Biotage® Solvent Recovery SVOC system comes with a vacuum pump capable of maintaining a vacuum of -25 inch Hg. The vacuum source must remain constant to ensure adequate and consistent performance.
Electrical Supply	The DryVap System requires 120/240 VAC, minimum 5 A @ 47–63 Hz.
(Region Dependant)	The Vacuum Pump requires 120/220 VAC, minimum 15/7 A @ 50/60 Hz. The Chiller unit requires either 103–127 VAC, minimum 12 A @ 50/60 Hz or 216–264 VAC, minimum 6 A @ 50 Hz. This must be a circuit separate from the DryVap system.
Solvent	HPLC or Pesticide Grade solvent is required for the rinse.
Drying	To make use of the drying feature on the DryVap, at least one of the following options must have been purchased: <ul style="list-style-type: none"> • 65 mm DryDisk® Membranes (PN: 40-705-HT); for use with the DryDisk Assembly (PN: 50-0914) • 65 mm DryDisk®-R Membranes (PN: 40-1000-HT); for use with the DryDisk Assembly (PN: 50-0914) • 50 mL Disposable DryDisk® Barrels (PN: 49-2486-01)

Company: _____

Customer Signature: _____

Phone: _____

Print Name: _____

Date: _____

Part Number: UI412

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