

Vinyl Anaerobic Chamber Quick Start Guide

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Document History

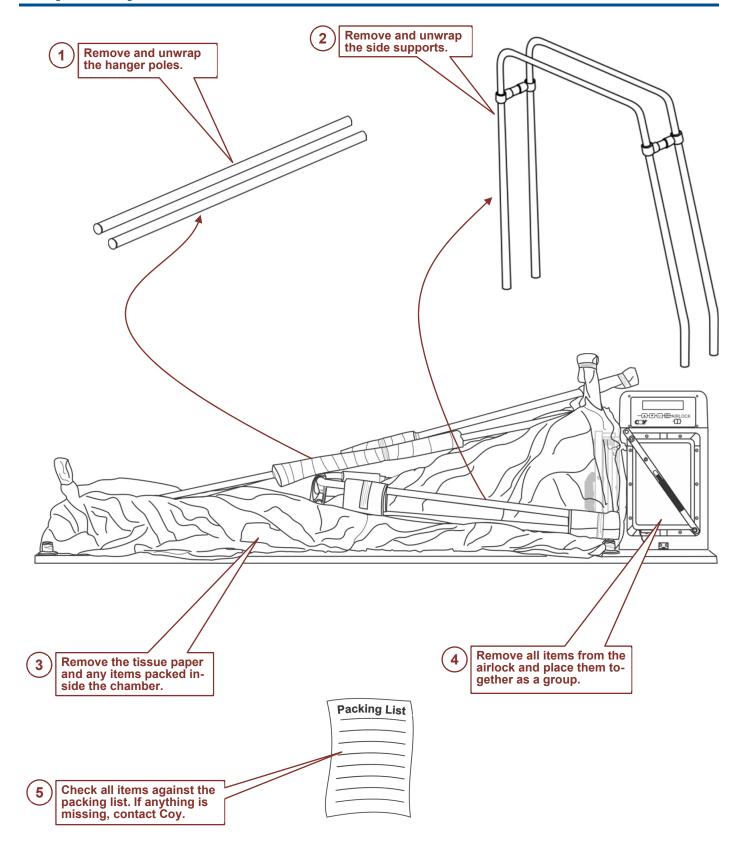
Part #	Manual Version	Product Version	Date
1200010	Vinyl Anaerobic Chamber Quick Start Guide 022820	Serial # AC20-001 –	Feb. 28, 2020

Important!

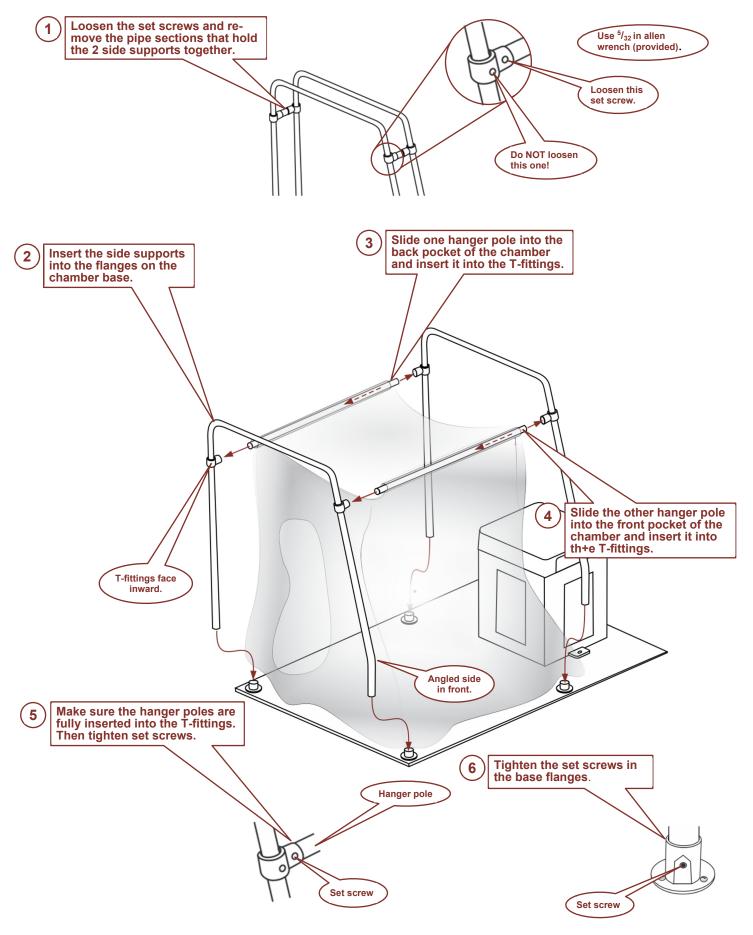
This quick start guide is designed to be used by persons who have some familiarity with the laboratory environment and equipment and do not need detailed setup instructions. It is not intended to be a substitute for the full Vinyl Anaerobic Chamber Setup Manual or Operation Manual. (See back page for download instructions.)



Step 1: Unpack the Chamber



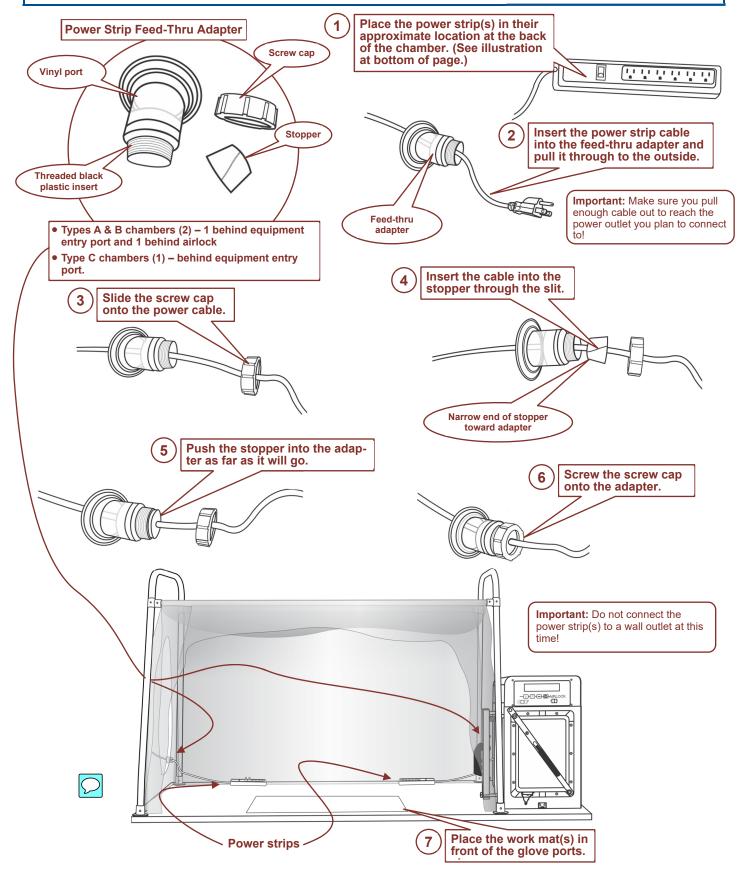
Step 2: Assemble the Frame





Step 3: Install the Power Strip(s) and the Work Mat(s)

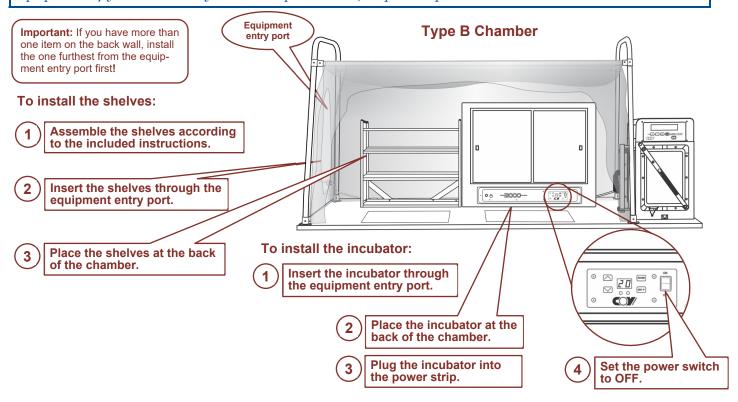
Note: Types A and B chambers have two power strips. Type C chambers have one. Type B chambers have two work mats (one for each pair of gloves). A and C chambers have one.



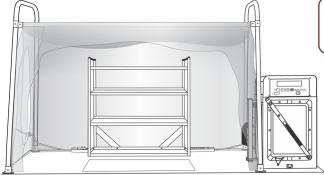


Step 4: Install the "Back Wall" Components

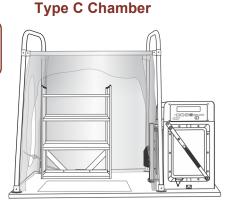
Note: Most Type A chambers have either shelves or an incubator installed along the back wall of the chamber. Type B chambers can accommodate both. If you do not have either and do not have other equipment of your own that you wish to place there, skip to Step 5.



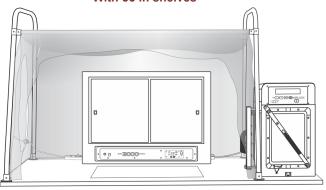




Note: You can also use the back wall space for your own equipment or other Coy equipment instead if you prefer.

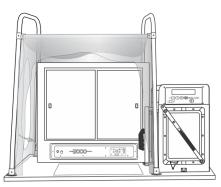


With 36 in shelves



Note: If you have a Type A chamber and want to have both shelves and an incubator, a 28 in shelf unit will fit in front of the equipment entry port. Install it after all other equipment is installed just before you seal the chamber (Step 8).

With 28 in shelves



With incubator With incubator

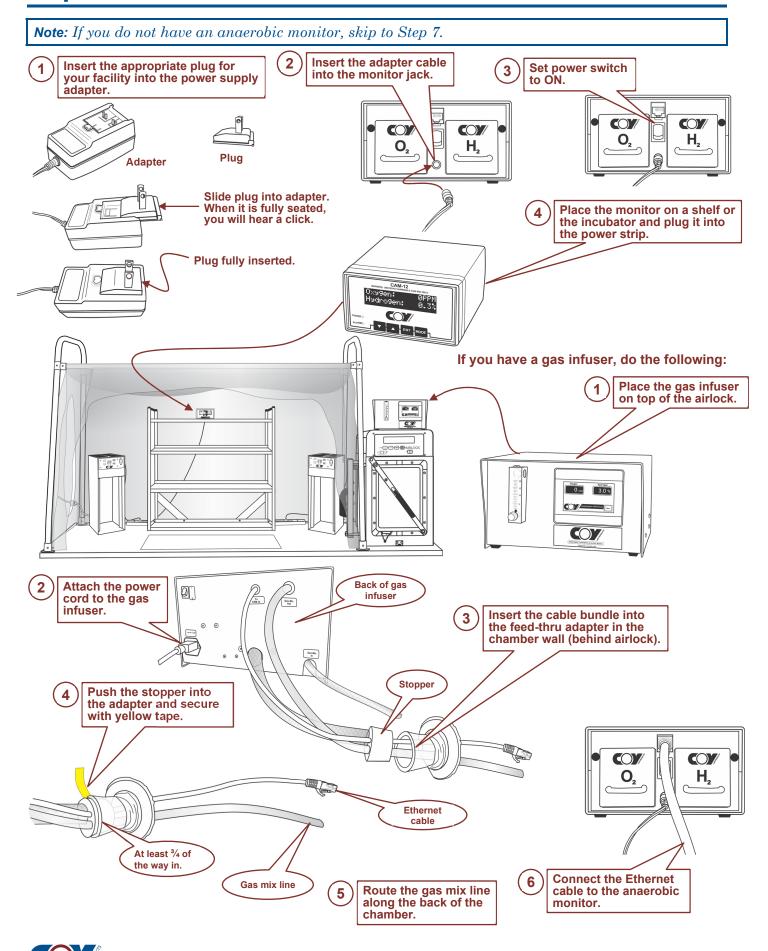


Step 5: Install the Catalyst Fan Boxes

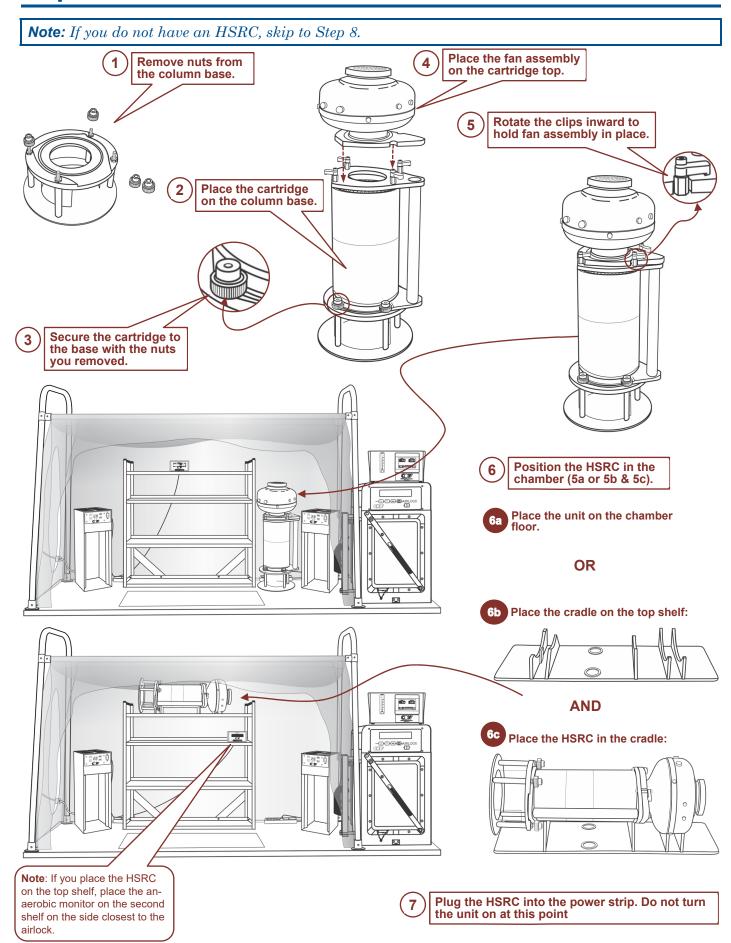
Note: Types A and B chambers have 2 catalyst fan boxes. Type C chambers only have one. Attach the provided electrical cable to the fan box receptacle. MYP COY/ Unheated fan box **O**7/ Heated fan box Position the fan boxes in the chamber (2a & 2b). Place one fan box behind the airlock door. For Type A & B chambers, place the other fan box on the opposite side near the back. Note: In Type C chambers, where space is limited, you may want to place the fan box on top of your shelves or incubator. Extra feet are provided for the side the box will rest on. Plug the fan box(es) into the power strip(s). Set the power switch to ON. For heated catalyst fan boxes only: Sensor Install the sensor (4a MINING BETTER & 4b). Sensor clip No closer to the sensor than this Remove the backing from the sensor clip and attach the sensor to a shelf Attach the sensor clip to or other equipment. the sensor cable. **Important:** Do not allow the sensor tip to touch any other piece of equipment.



Step 6: Install the Anaerobic Monitor and Gas Infuser



Step 7: Install the HSRC

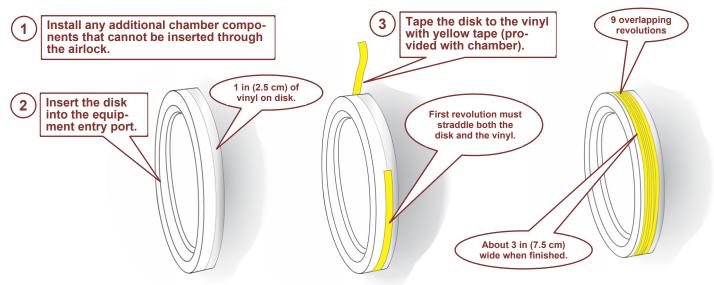




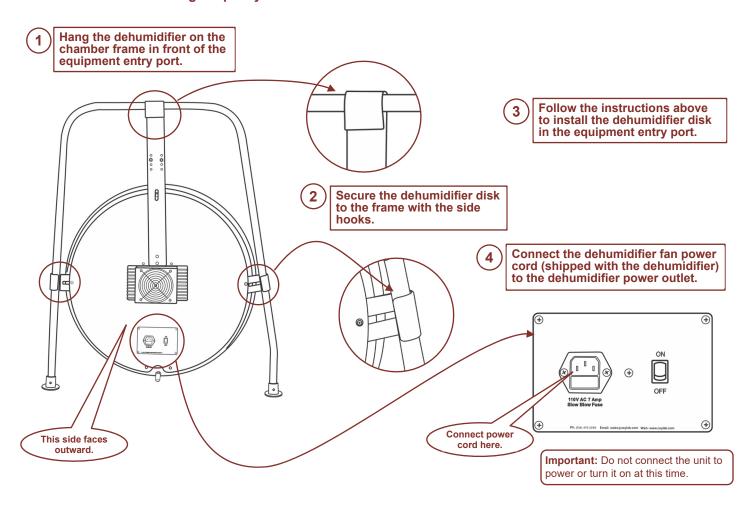
Step 8: Seal the Chamber

Note: Normally, the chamber is sealed with a plastic disk, which is installed in the equipment entry port. If you have purchased a large-capacity dehumidifier as part of your chamber equipment, the dehumidifier will take the place of the standard disk.

For standard installations:

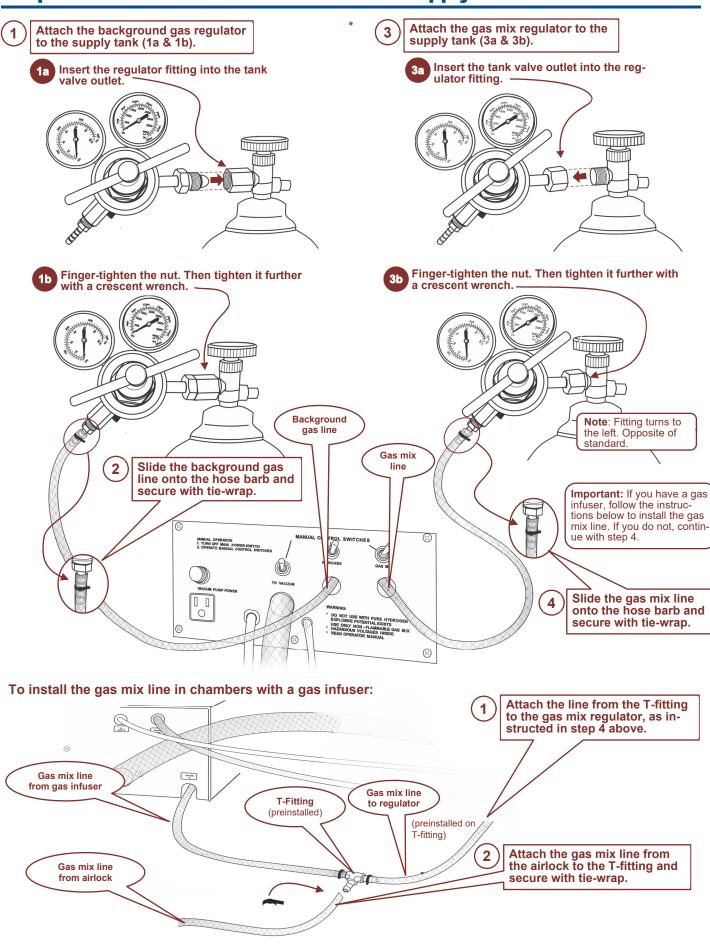


For installations with a large-capacity dehumidifier:

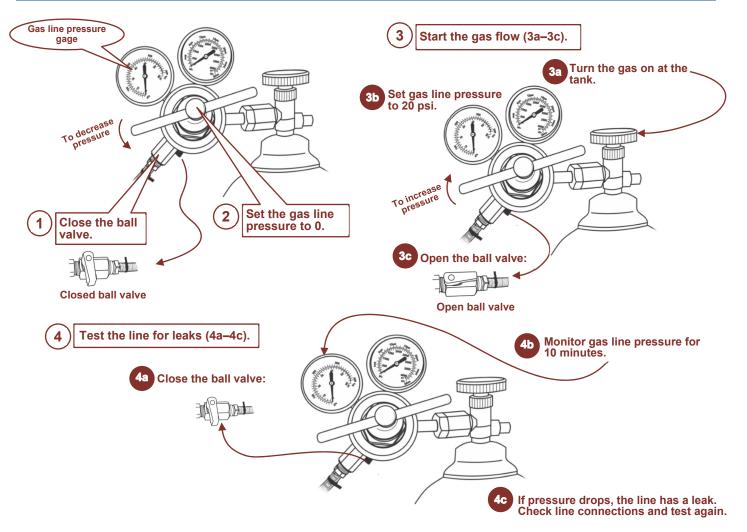




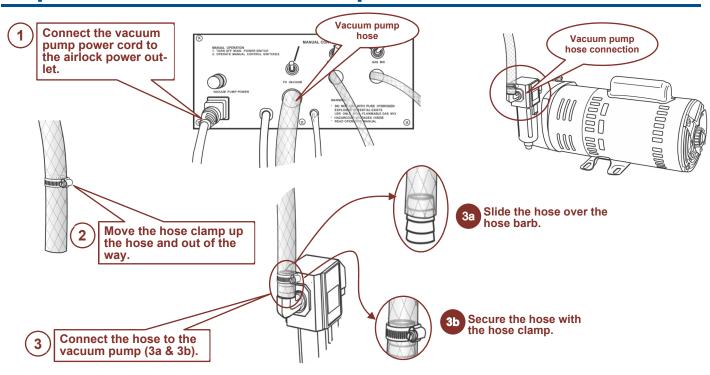
Step 9: Connect the Airlock to the Gas Supply



Step 10: Check Both Lines for Leaks

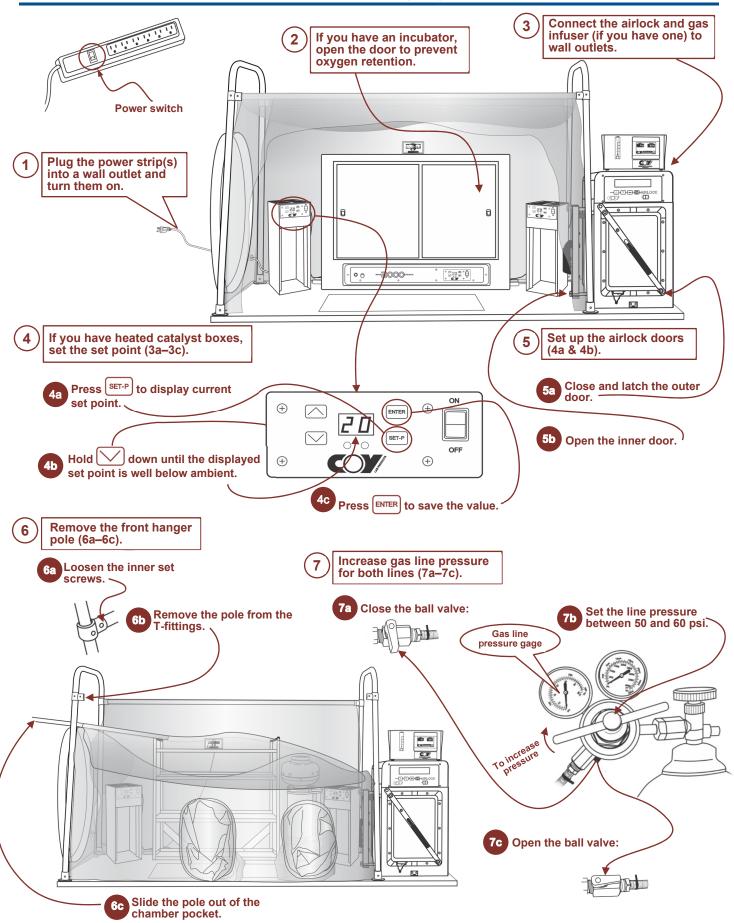


Step 11: Connect the Vacuum Pump



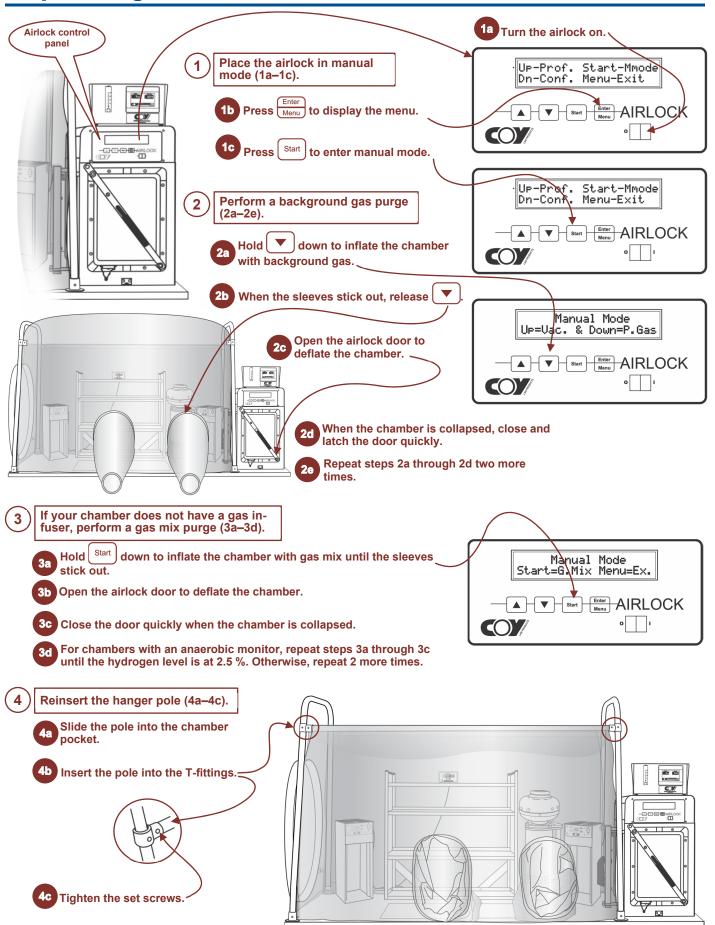


Step 12: Prepare the Chamber for Purging



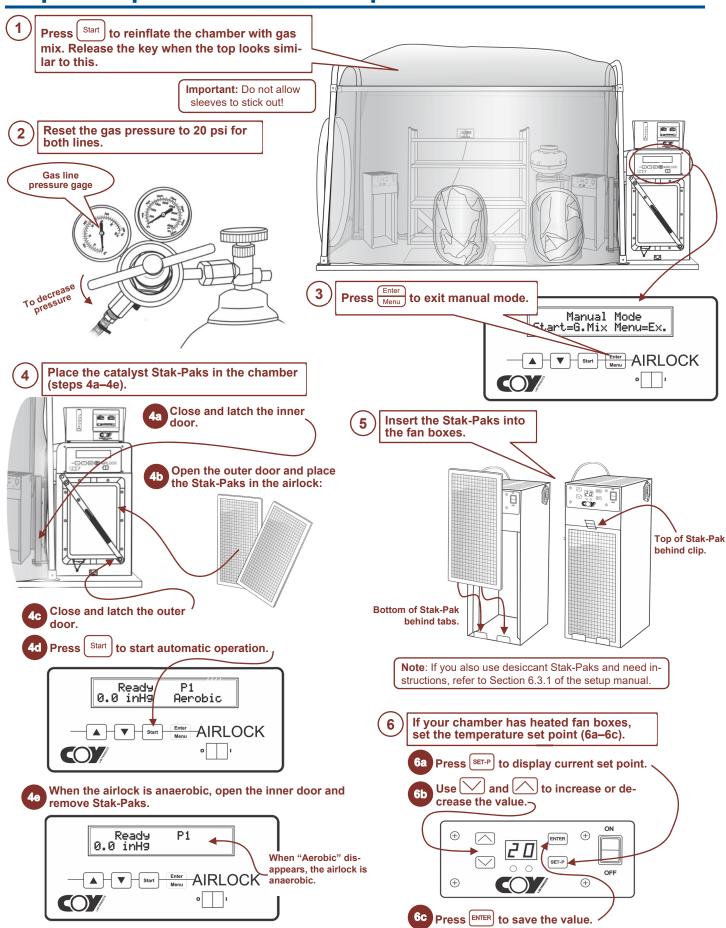


Step 13: Purge the Chamber





Step 14: Prepare the Chamber for Operation





Your Next Step

After you complete Step 14, your chamber is ready for operation. For instructions on startup operations for your chamber and the commonly used Coy equipment that we have included in the quick start guide, consult sections 6.5 through 6.9 of the setup manual. For other equipment, consult their respective product manuals.

