

Monthly Safety Notice

April 2019

National Baromedical Services, Inc.

Weekly Chamber Inspections

Background

In the Sechrist Chamber User's Manual, there are recommendations for weekly performance verifications. These recommendations are there to ensure proper operation of the chamber. We therefore recommend compliance with them.

The Issue

Depending on the model chamber you have, certain features may or may not be available to you so we have created two different forms to use.

The older generation 3200 and E model chambers are fitted with flow meters placed on the side and foot end of the chamber. Flow is adjusted by turning a globe valve located below the flow meter near the floor. Flow should range between 80 and 400 liters per minute. When the chamber has been compressed to 15psi, use the globe valve to verify that the flow meter remains operationally accurate through its entire range. H models do not have viewable flow meters so no verification procedure exists.

All Sechrist chamber models are equipped with a red emergency vent button. This button works whenever the chamber is pressurized and the master switch valve is in the emergency vent position.

The newer generation Sechrist H model chamber is also equipped with an emergency shut-off and automatic vent system. You activate this system by lifting the safety cover and flipping the toggle valve upward. This results in emergency depressurization of the chamber at about the same rate as continually pressing down on the emergency red button. However, upon activation of the toggle valve, the chamber emergently vents with the finger removed.

The safety lock pin device on all chamber models should be verified as functional at least weekly.

The attached forms advise how to conduct these weekly performance verifications. You can also refer to your user manual.

Bottom Line

We have previously recommended monthly verification of these systems. However, in order to the follow the manufacturer's recommendations, we recommend weekly checks.

Attachments

