



2015
Troubleshooting & Maintenance Guide



Troubleshooting & Maintenance

Troubleshooting

Check the cylinder content. An empty cylinder will weigh 17 ounces. A full cylinder will weigh approximately 37 ounces. It is our recommendation that a cylinder with 20% of its contents or less be replaced. It is not recommended that you try to test for pressure. Before replacing the cylinder you must verify the QS-1182 gasket is in place. **DO NOT** activate the system without the gasket in place. Check the cylinder for a hand tight connection. If you still have a problem getting ether, disconnect the tubing from the precision flow control fitting, activate the valve and a fine flow of ether should be coming from the fitting. If not, check that the valve is receiving the correct voltage. If valve still does not inject ether, remove the control fitting, and with a clean air supply, blow out the fitting in the opposite direction of the ether flow. If you cannot clear the blockage, replace the flow control fitting with a new one. Repeat this process at each connection point through the system after the valve, including the atomizer.

Maintenance

Every 2-3 months apply a drop or two of light weight silicone oil and let it run down the actuating shaft and into the valve. When the cylinder is not attached to the valve, make sure that a dust cap is in place to prevent dirt and other types of debris from entering the system.