



## Testing the Artema sidestream unit in Solomon Monitors fitted to Tafonius Large Animal Ventilators

When Tafonius is running, go to the Configure button and then the Gas Monitoring button to show the Modes/Status Tab:

Configuration System

Presets Initial Settings **Gas Monitoring** SpO2 Security

Modes/Status Status Alarms Cmds Calib

Reset Op Mode: FullAccuracy

Comm Mode: Normal

Atm (kPa) 101.2 Water Trap: Adult

Pump: Normal Flow: 199

Message: Command OK

Close

If there is no Artema data, click on the Reset button and wait for the unit to start.

The Pump flow is shown in the bottom right hand corner. Above it is shown as 199 ml/minute. The standard flow is 200mls/minute +/- 5mls. In the instance above the Pump state is stated as normal which means that the flow rate is within normal limits for the pump effort.

Remove the sidestream sampling line. Use your finger to occlude the inlet to the water trap attached to the side of Solomon. The Flow rate should drop to less than 50mls/min and then the pump should be heard to increase in rate to attempt to clear the occlusion:

Configuration System

Presets Initial Settings **Gas Monitoring** SpO2 Security

Modes/Status Status Alarms Cmds Calib

Reset Op Mode: FullAccuracy

Comm Mode: Normal

Atm (kPa) 101.2 Water Trap: Adult

Pump: Regulating Flow: 25

Message: Command OK

Close

The Pump status changes to Regulating. Release your finger. The rate may well increase to 300 mls/min before dropping back to 200 mls/minute. This is normal.

If the flow rate does not drop then replace the water trap with a **new** unit and repeat.

If the flow rate still does not fall with occlusion, contact your supplier or distributor for advice.