

BULLETIN NUMBER:	BTB-VAVAFS-020514
CATEGORY:	Software
BULLETIN:	VAV Initial Airflow Sensor Setup
DATE:	February 5, 2014

This technical bulletin is to provide information concerning the initial settings for the calibration of the air velocity sensor on the VAV boards, which may have lost the setup or were not calibrated at the factory.

Select the proper VAV board from the board listing at the left side of the TriComm software, and go to BOARD STATUS. Once the normal board status screen populates, select the "VAV100 Calibration" tab and the screen will appear as in Figure 1.

TriComm System Programing Softwar	e Version: 1.9.98 (C:\Program Files\Glo	bal Controls\BASYX Super	isor\Kernan Medical Cli	nic\(05) Lab 122_5.TMS)		
Hogram Status Graphics Alarms History	communications Logort Help					
Supervisor_1.IMS						
Hot Water 2 TMS Hot BTH 1_3 TMS						
Unit RTU-2_4.TMS Lab 122_5.TMS						
Ullice 143 6.TMS Exam 100 7.TMS						
Exam L14_0 TMS Exam L10_0 TMS						
Holding 116_10 TMS Nurses 104_11.TMS						
Exam 107_12.TMS Triage 142_13.TMS	Soard Status Board Name - (05) Lab 12	2 5.1MS				
Wating 101 14.1MS Deception 102_15.TMS	TMS100 Status	VAV/ASE 100 Programming	And Statur			
IT 124_17.TMS						
Trauna 109_19 TMS	VAV100 Status V VA	/100 Programming Y VA	/100 Flash Update	VAV1UU Calibration		
Control 14/ 21.1MS CT 140 22.TMS						
Dadiology 145-20 TMS Exam 139-24 TMS	Calibration Setup					
Exam 137_25.TMS Exam 135_26.TMS	Air How Vgam 0.8410	Air Flow Voltset	AUT Selling	3.2400		
Fulure 27.TMS		1				
	Hand Calm	ino Itala I	Kand Paleralise Pala			
	1/603.000/0	01000	2013 2010/01/12/010			
	- Held Calibration		- Deraur: Sensor H	eadings		
	Current CFM Reading 0	Actual Field CFM Reading	Air Flow Vgain			
		Calibration Accuracy +/-	Air Huw Vullsel			
			AD1 Sctting			
	had	Ualbrate				
	Auto Lindao Decisión	V/AV/-100	WAVAAVR	-		
	Para optinic Para Internet	V/V 110/		Lot		
					GCS	
					Global Contro	Solutions

Once the screen updates, DOUBLE CLICK on the Calibration Setup in the border of the top section of the screen. You will see that the two grayed out buttons will now be active.

Drag across the values in each box and enter the following:

Air Flow Vgain	1.175
Air Flow Voffset	3.95
AD1 Setting	2.95

Once all of the values are entered, press the "Send Calibration Setup" button to update.

Full calibration of the sensor may now be completed through the "Field Calibration" section if air flow readings are available via a flow hood or flow sensor.

Please call our office or your local dealer for more information.