



7641 N. Business Park Dr., Tucson, AZ 85743 U.S.A., 1.888.290.6060

Certificate of Calibration

Serial No. 223824 - 06-Dec-2019

Device Under Test

Customer:	GE Appliances	Calibration Procedure/Rev. #:	DOC-AUTOCAL-GASFLOW/Rev. 94
Sales Order Number:	SO355548	Calibrated By:	Benny Lopez
Serial Number:	223824	Calibration Date:	06-Dec-2019
Model Number:	MW-40SLPM-D-IB	Certification Number:	252620
Software Version:	8v17.0-R23	Full Scale Pressure:	60.000 PSIA
Adder Codes:	5M, GAS: NatG-1, P2: 3.5-13 inH2OG, TOT, TOTAVG, HC	Pressure Accuracy:	+/-0.5% of Full Scale
Process Gas:	NatG-1 (Selectable)	Temperature Accuracy:	+/-1.5°C
Calibration Gas:	Air	Standard Temp. & Pressure:	25.00°C, 14.69595 PSIA
Range:	40.000 SLPM	Normal Temp. & Pressure:	0.00°C, 14.69595 PSIA
Gas Temperature:	24.24°C	Calibration due 1 yr. after receipt:	
Ambient Humidity:	41.3%		

Equipment Used

Pressure:	TOOL-PRESSURE21-145PSIG	Voltage:	TOOL-CMTR34	Flow:	TOOL-MOLBOX2
Tool Due Date:	09-Dec-2021	Tool Due Date:	16-Aug-2021	Tool Due Date:	03-Dec-2021
Manufacturer/Model:	Alicat / P-100PSIG-D	Manufacturer/Model:	Fluke / 87V	Manufacturer/Model:	DH Instruments / Molbox 1
Device Uncertainty:	0.1% of reading of full scale	Device Uncertainty:	+/- (0.1% + 1 digit)	Device Uncertainty:	A700K-A
Temperature:	TOOL-TEMP15				NA \ Determined by Molbloc
Tool Due Date:	07-Dec-2023				
Manufacturer/Model:	ASL / F200-A-2+Probe				
Device Uncertainty:	±0.02°C				

All test equipment used for calibration is NIST traceable.

Calibration

Uncertainty: +/- (0.4% of Reading + 0.2% of Full Scale)

Calibration Pressure: 3.5-13 inH2O(G)

Units of measure: SLPM

Output 1 Configuration

mini-DIN Pin #6

Output 2 Configuration

mini-DIN Pin #2

D.U.T.	Actual	In Tolerance	Output 1	Output 2
0.000	0.000	Yes	0.000 Vdc	5.12 Vdc
10.011	9.983	Yes	1.251 Vdc	5.12 Vdc
20.013	19.985	Yes	2.502 Vdc	5.12 Vdc
30.017	29.987	Yes	3.750 Vdc	5.12 Vdc
40.014	40.002	Yes	5.00 Vdc	5.12 Vdc

Notes: Max range of totalizer is 99999.99. Total will rollover and display error message when it reaches max.

Calibrated By: Benny Lopez

12/6/2019 2:40:00 PM

QC Signature:

Alicat Scientific, Inc. is an ISO 9001 certified company.

CS1 Rev 17 Last Modified 15-May-2017

