


ENVIRONMENT CONDITION		
TEMPERATURE	72.3	° F
RELATIVE HUMIDITY	36.0	% RH
BAROMETRIC PRESSURE	28.70	inHg

MODEL	Hydronic Manometer® HM685
SERIAL NO.	

CALIBRATION STANDARDS USED
Hydronic Manometer Calibration System 1

<input type="checkbox"/> AS LEFT	<input checked="" type="checkbox"/> IN TOLERANCE
<input checked="" type="checkbox"/> AS FOUND	<input type="checkbox"/> OUT OF TOLERANCE

CALIBRATION DATA						
TESTING POINTS	DIFFERENTIAL PRESSURE MEASURED IN in.H <sub>2</sub> O			DIFFERENTIAL PRESSURE MEASURED IN PSI		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	0.0	-0.6	-2.0 ~ 2.0	10.01	9.934	9.838 ~ 10.18
2	24.1	22.7	21.9 ~ 26.3	25.00	24.89	24.68 ~ 25.32
3	49.6	47.8	47.1 ~ 52.1	125.0	124.7	123.7 ~ 126.3
4	100.1	98.1	97.1 ~ 103.1	224.7	224.5	222.4 ~ 227.0

TESTING POINTS	GAUGE PRESSURE MEASURED IN in.H <sub>2</sub> O			GAUGE PRESSURE MEASURED IN PSI		
	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE	CALIBRATION STANDARD	INSTRUMENT OUTPUT	ALLOWABLE RANGE
1	0.0	-0.6	-2.0 ~ 2.0	10.01	9.956	9.838 ~ 10.18
2	24.1	23.0	21.9 ~ 26.3	25.00	24.90	24.68 ~ 25.32
3	49.6	48.4	47.1 ~ 52.1	125.0	124.6	123.7 ~ 126.3
4	100.1	98.9	97.1 ~ 103.1	224.7	224.5	222.4 ~ 227.0

TEMPERATURE MEASURED IN °F <sup>1</sup>					
CALIBRATION STANDARD	-37.8	5.0	77.0	158.0	230.0
INSTRUMENT OUTPUT 1	-37.80	5.06	76.99	158.00	229.87
INSTRUMENT OUTPUT 2	-37.80	5.06	76.99	158.00	229.92
ALLOWABLE RANGE	-38.2 ~ -37.4	4.8 ~ 5.2	76.8 ~ 77.2	157.8 ~ 158.2	229.6 ~ 230.4