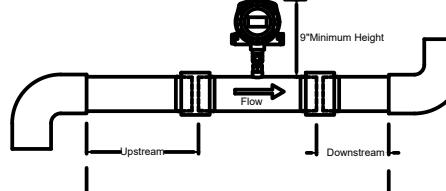
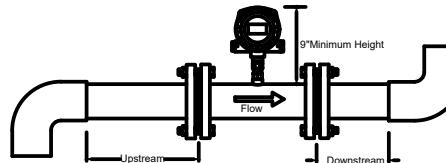


ONICON INLINE THERMAL MASS FLOW
METER INSTALLATION DETAIL



Meter may be installed in a
vertical pipe with upward or
downward flow

Minimum Straight Run required upstream of flow meter process connection based on
the nature of the upstream obstruction

Upstream Obstructions	Single bend preceded by ≥ 5 diameters of straight pipe Or Pipe size reduction in straight pipe run	Multiple bends in plane with < 9 diameters of straight pipe between them Or Pipe size expansion in straight pipe run	Tees	Multiple bends out of plane	Modulating or regulating valves	Minimum downstream straight pipe run required after flow meter process connection
Nom. Dia.						
2"	2"	5"	5"	7"	None	None
3"	1"	6"	6"	12"	None	None
4"	None	None	None	None	None	None
6"	None	None	1"	4"	1"	1"
8"	None	None	2"	8"	2"	2"
10"	None	None	2"	8"	2"	2"
12"	None	None	2"	8"	2"	2"
14"	None	None	2"	8"	2"	2"
16"	None	None	2"	8"	2"	2"
20"	None	None	2"	10"	2"	2"
24"	2"	7"	7"	19"	2"	2"
30"	3"	9"	9"	24"	9"	9"
48"	5"	12"	12"	32"	12"	12"

ONICON, INC
1000 NICKELWOOD ROAD, SUITE 1000, LANTANA, FL 33462
DATE 10-11 DRAWN BY GBS SCALED N.T.S. DRAWING # 110610268-1

TITLE 1
INLINE THERMAL MASS FLOW METER
INSTALLATION DETAIL