

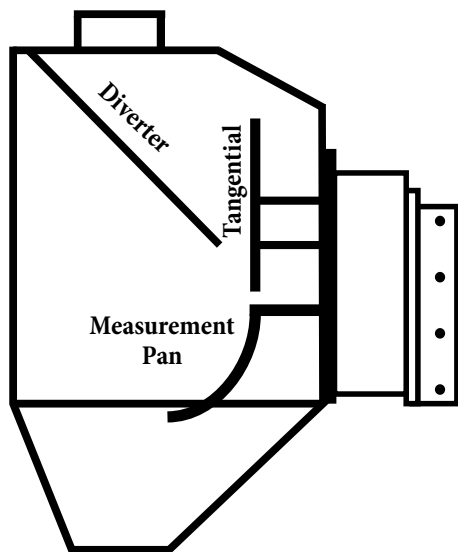
# CFM Type II: Standard

The CentriFlow® Type II Meter is a bulk solids mass flow meter specially designed to be installed directly after feed devices that move material in a vertical direction such as slide gates, rotary air locks, or screw conveyors. The Type II Meter features an enclosure that houses the meter and ensures that the flow path is contained. The housing is flanged on both the intake and discharge chute in order to make installation extremely easy. Although larger than the Type I Meter, the standard Type II enclosure requires less than 36" of vertical space. For tighter fits, custom enclosures are also available. The Type II Meter is great for free-flowing products and powders alike and works especially well for applications where flows pulsate, such as after rotary valves or screw conveyors. The standard Type II Meter can be specially configured to measure nearly any solid material.



## Design Specification

- The Tangential can be vertical (for granular materials), or tipped backward at 10 degrees as is the case with the powder version of the meter.
- The Diverter is set at a 45 degree angle of repose (56 degree for Powder version).
- The standard height for all sizes of the CFM meter is under 36" in height. They are typically installed directly after feed devices, minimizing stackup.
- Custom enclosures are available for shrinking the vertical footprint of the meter or for incorporating special transitions within the enclosure design.



TYPE II STANDARD METER

## Material Specification

- Standard meter parts (other than product contact surfaces) are constructed of 6061 aluminum. Stainless Steel also available.
- Standard product contact surfaces (parts within product flow path), as well as Type II enclosure, constructed out of 304 Stainless Steel.
- A selection of customizable liners and coatings is available on all flow surfaces for aiding in product flowability or for improving wear resistance against particularly abrasive materials.

Volumetric Capacity of the CentriFlow® Meter  
for the Type II STANDARD ft<sup>3</sup>/min (m<sup>3</sup>/hr)

Meter Size	Granular Products		Powdery Products	
	Min	Max	Min	Max
CFM-03	0.63 (1.06)	5.00 (8.50)	1.25 (2.12)	3.75 (6.37)
CFM-06	1.69 (2.87)	13.50 (22.94)	3.38 (5.73)	10.13 (17.20)
CFM-12	3.75 (6.37)	30.00 (50.97)	7.50 (12.74)	22.50 (38.23)
CFM-24	7.50 (12.74)	60.00 (101.94)	15.00 (25.49)	45.00 (76.46)
CFM-36	11.25 (19.11)	90.00 (152.91)	22.50 (38.23)	67.50 (114.68)
CFM-48	15.00 (25.49)	120.00 (203.88)	30.00 (50.97)	90.00 (152.91)