



# ROOTS® Meter

## Model 5C8C15



### Features

- Small, Compact Size
- No Lubrication Needed
- Diaphragm Meter Dial Index Type
- Quad Sealed Index
- Top or Bottom Inlet

### Series Z Compact Meters

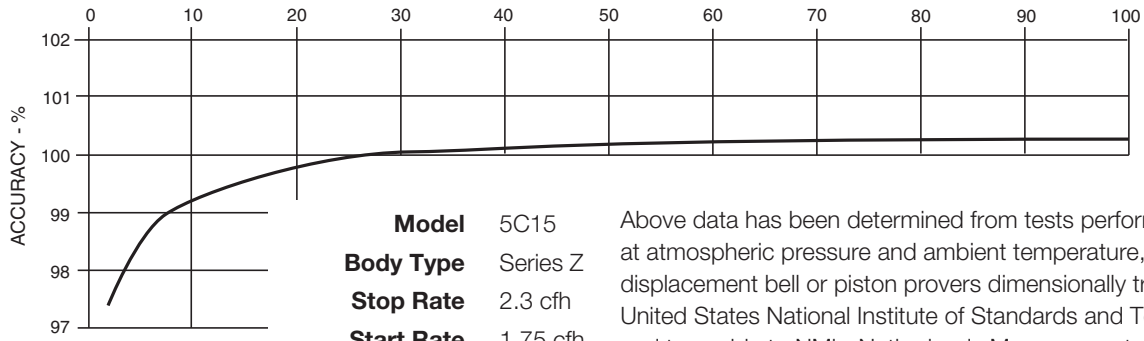
Aesthetically pleasing 5C15 (500 acfh) and 8C15 (800 acfh) compact line-mounted meters are ideal for small commercial loads at pressures up to 15 PSIG (1 Bar). Series Z meters provide excellent measurement accuracy starting at “pilot loads” and continuing throughout the range of the meter.

### Specifications

	5C15	8C15
<b>Base Rating (Q Max)</b>	500 cfh (14.2 m <sup>3</sup> /h)	800 cfh (22.6 m <sup>3</sup> /h)
<b>Diff on Air Q Max</b>	< 0.5 in. w.c.	< 0.9 in. w.c.
<b>Weight</b>	7 lbs. (3.2 kg)	7 lbs. (3.2 kg)
<b>Size</b>	8.375" x 6.625" x 4.95"	8.375" x 6.625" x 4.95"
<b>MAOP</b>	15 psig (103 kPa)	15 psig (103 kPa)
<b>Start Rate</b>	2.3 cfh	2.3 cfh
<b>Stop Rate</b>	1.75 cfh	1.75 cfh
<b>Lubrication</b>	Permanently Lubricated	Permanently Lubricated
<b>Temperature Rating</b>	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
<b>Accessory Options</b>	Imperial Dial Index	Imperial Dial Index
<b>Index Box Options</b>	Quad Sealed	Quad Sealed
<b>Inlet Options</b>	Top or Bottom	Top or Bottom
<b>Connections (std)*</b>	Sprague #4	Sprague #4

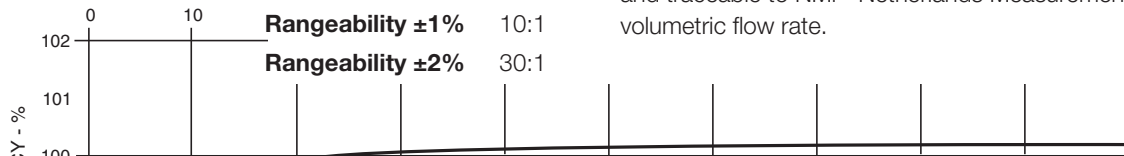
\*45 Lt, 1-1/2" FNPT available upon request.

## Model 5C15 & 8C15 ROOTS® Meter



**Model** 5C15  
**Body Type** Series Z  
**Stop Rate** 2.3 cfh  
**Start Rate** 1.75 cfh

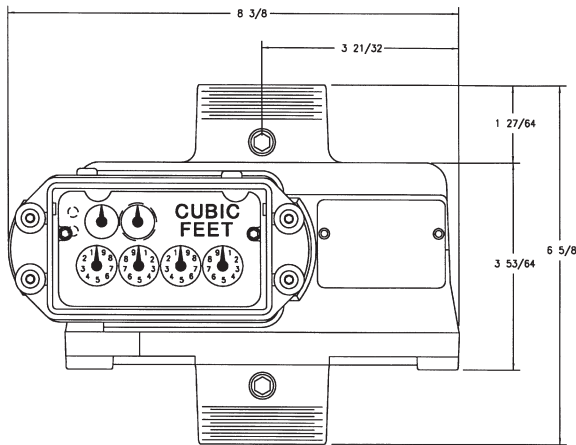
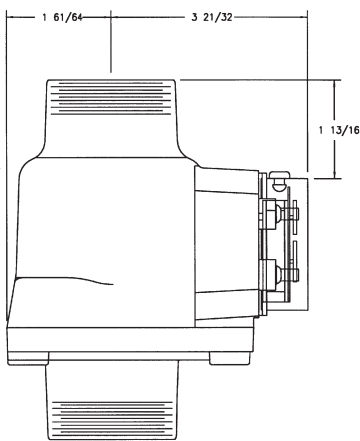
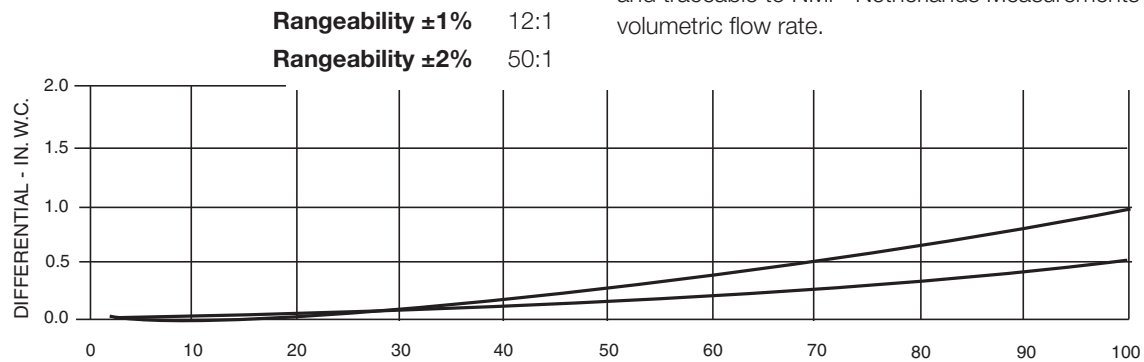
Above data has been determined from tests performed with air at atmospheric pressure and ambient temperature, using positive displacement bell or piston provers dimensionally traceable to the United States National Institute of Standards and Technology (NIST) and traceable to NMi - Netherlands Measurements Institute for volumetric flow rate.



**Rangeability ±1%** 10:1  
**Rangeability ±2%** 30:1

**Model** 8C15  
**Body Type** Series Z  
**Stop Rate** 2.3 cfh  
**Start Rate** 1.75 cfh

Above data has been determined from tests performed with air at atmospheric pressure and ambient temperature, using positive displacement bell or piston provers dimensionally traceable to the United States National Institute of Standards and Technology (NIST) and traceable to NMi - Netherlands Measurements Institute for volumetric flow rate.



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imagination at work