

**Installation** - The meter must be installed in a clean pipeline, free from any foreign materials. The meter shall be installed with the direction of flow as indicated by the arrow cast in the meter case. The meter may be installed in horizontal, vertical or inclined lines.

**Strainers** - All meters have a strainer installed in the meter. Strainer screens are rigid, snug fitting, easy to remove and have an effective straining area of at least double that of the main-case inlet.

**Registers** - Are of the dry type with scratchproof glass lens. The register is copper canned and vacuum-sealed so that it becomes impossible for the register to fog.

Register includes the following:

- Company name
- Month and year of manufacture
- Center sweep hand
- Large, easy to read numbers
- Size of meter
- Type of reading (example U.S. Gallons, Cubic Feet, or m3)
- Diamond shaped indicator detecting low flow or leaks

Register includes odometer, which will give the total amount of water. One sweep of the hand will be equal to:

5/8 thru 1" meters      10 gallons/1 cu ft



**Connectors** - Tailpieces/meter couplings for installation of meters on various types and sizes of pipe are available as an option.

**Magnetic Drive** - The use of high strength magnets provides positive, reliable and dependable register coupling.

### Materials

Main Case	Standard or Low Lead Bronze
Measuring Unit	Thermoplastic
O-Ring	Nitrile Rubber
Magnet	Ceramic Ferrite
Strainer	Thermoplastic
Register Lens	Tempered Glass
Register Housing & Lid	Bronze or Polymer
Gearing Wheels	Thermoplastic

**Maintenance** - The measuring chamber assembly can be removed in order to be repaired or replaced.



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Due to continuous research and product enhancements, RG3 Meter Company reserves the right to change product or system specifications without notice, except to the extent an outstanding contractual obligation exists.

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