

Dresser 2" Roots Meter

Rental and Application Notes

- Shipping Weight: 30 lbs.
- May be plumbed to measure flow either vertically or horizontally. Laminar flow is not necessary.
- These units cannot be used to measure liquid flow.
- Our units have non-compensated counters installed.
- Rotary positive meters are not affected by specific gravity, and use of a correcting factor is not required



| | Specifications |
|--------------------------------|------------------------------|
| Weight | 26 lbs |
| Dimensions | 17 1/8" x 6 31/32" x 6 3/4" |
| Temperature Range | -40 to 140° F |
| Max. Operating Pressure | 175 psig |
| Max. Operating Speed | 2,000 rpm |
| Max. Flow Base Rate | 3,000 acfg |
| Flow Rate | 0.5" wc, Gas - 2580 cfh |
| Differential | 100% Flow - 0.64 in wc |
| Gear Ratio | 400:1 |
| Flange/Flange Dimension | 6-3/4" |
| Flange Connection | ANSI 125# FF (4 bolt flange) |
| Flange Bolt Hole Depth | 15/16" |
| Bolt Size | 5/8" x 11" |
| Start Rate | 2.1 cfh |
| Stop Rate | 1.8 cfh |
| Rangeability 76:1 | +/- 1% |
| Rangeability 139:1 | +/- 2% |