325 RVC Specifications

Physical

- Housing: Deep drawn aluminum
- Dimensions: Overall 8.5” x 7.25” x 5.25” (enclosure 7.25” x 6.25” x 4.25”)
- Weight: 6 pounds (including battery)
- Mounting: Universal rotatable base plate (others available)
- Pressure Connection: ¼NPTF (up to 3)
- Temperature Probe: (up to 2) ¼O.D. x 6” probe x 6’ armor; ¼NPTM slip fitting (other available)
- Security: Stainless steel padlock hasp
- Coating: Snow white powder coat

Electrical

- Primary Power pack: 1.5 volts; (1) each D alkaline heat shrink with fuse
- Back Up Power: (1) 3.6 volt field replaceable lithium cell
- Circuit: 3.1 volt, 4” x 5” four layer PCB; 95% surface mount construction
- Transducer: 3 millivolt per volt excitation; 12 point polynomial compensation
- Temperature Sensor (gas and air): Integrated circuit type
- Flow Detector: 90 degree opposed dual optical interrupt switch (remote and hi freq. available)
- Display: Eight digit LCD
- Communication: Two RS 232, multidrop addressable

Mechanical

- Drive Mechanism: Universal drive dog, reversible mechanical gear train
- Display: Odometer style eight digit uncorrected volume counter
- Scroll: Push button switch

Performance

- Accuracy: +/- .5% of reading inclusive of linearity, hysteresis, repeatability, long term drift & temp.
- Temperature: -40 to + 170 degrees Fahrenheit
- Humidity: 5 – 95 % condensing
- Primary Power Pack Life: Up to 48 months based on 1 minute wake up interval
- Back Up Power Life: Up to 12 months based on 1 minute wake up interval

325 Model Features

Profiler (Audit Trail) 130 days/Hourly
Event Log (200 + lines)
System Alarms (P, T and Battery)
Contract Management (hrs, days, mos)
Contract Alarms
Remote Communication Ready
Phone Home/pager
Flow Rate (hrs, diagnostics)
Prior Month End Volume to Local Display
Pulse Outputs
Metric Units

Options

- Inputs: Remote low frequency; high frequency
- Outputs: Optical isolator; form “C” splitter
- Communication: Internal 2400 baud modem; internal LAN card; multidrop harnesses