MODEL RE200

DESCRIPTION AND SPECIFICATIONS

The RE200 Digital Register is a battery-powered device that accepts pulse inputs from a Mc Propeller Flow Meter. Flow Rate or Total flow are indicated on an LCD display – toggled with a front-mounted button. The RE200 allows separate scaling factors for Rate and Total so different flow units can be used. The Total can be reset from the front panel, making it useful for batching operations. The RE200 is mounted in a standard register canopy, either meter-mounted or remote-mounted up to 50 feet from the flow meter. Retrofit Kits adapt the RE200 to any existing Mc Propeller Flow Meter.

### MODEL INSTALLATION TOTAL RESET

<table>
<thead>
<tr>
<th>MODEL</th>
<th>INSTALLATION</th>
<th>TOTAL RESET</th>
</tr>
</thead>
<tbody>
<tr>
<td>RE200-000</td>
<td>METER MOUNT</td>
<td>YES</td>
</tr>
<tr>
<td>RE200-100</td>
<td>REMOTE MOUNT</td>
<td>YES</td>
</tr>
<tr>
<td>RE200-000-K*</td>
<td>METER MOUNT RETROFIT KIT</td>
<td>YES</td>
</tr>
<tr>
<td>RE200-100-K*</td>
<td>REMOTE MOUNT RETROFIT KIT</td>
<td>YES</td>
</tr>
<tr>
<td>RE200-200</td>
<td>DUAL REGISTERS – REMOTE ONLY</td>
<td>YES</td>
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</tbody>
</table>

*Please provide the meter serial number when ordering the Retrofit Kit

### ENVIRONMENTAL

- **OPERATING TEMPERATURE:** 32°F to 131°F (0°C to 55°C)
- **STORAGE TEMPERATURE:** -4°F to 158°F (-20°C to 70°C)
- **HOUSING & DISPLAY RATING:** NEMA 4X

### INPUT SIGNAL

- **TYPE:** Voltage pulse
- **MIN/MAX FREQUENCY:** 0.125 Hz to 3 kHz
- **MINIMUM PULSE WIDTH:** 2 µs

### POWER REQUIREMENTS

- **BATTERY TYPE:** 3 VDC Lithium, Replaceable
- **OPERATING LIFE:** 5 years

### DISPLAY

- **DISPLAY SIZE:** .43” high
- **RATE/TOTAL DISPLAY:** Front Panel Switch - Toggle
- **RESET FUNCTION:** Front Panel Switch
- **DISPLAY MOUNTING:** In Standard Canopy

### TOTALIZER

- **TYPE:** UP Counting
- **DISPLAY:** 8 digits, 0.43” high
- **SCALING FACTOR:** 0.0001 – 100.000
- **DECIMAL POINT:** 0 to 5 places, programmable
- **RESET:** Front Panel

### RATE

- **TYPE:** 1/Tau
- **DISPLAY:** 5 digits, 0.43” high (4 calculated, 5 displayed with fixed 0 in LSD)
- **DECIMAL POINT:** 0 to 5 places, programmable
- **RATE SCALING FACTOR:** 0.001 to 9999
- **ACCURACY:** ±0.2% of reading
- **UPDATE TIME:** .7 seconds

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Model M0300 shown with meter mounted RE200