

**MODEL RE200****RESETTABLE DIGITAL TOTALIZER****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
RE200-000	METER MOUNT	YES
RE200-100	REMOTE MOUNT	YES
RE200-000-K*	METER MOUNT RETROFIT KIT	YES
RE200-100-K*	REMOTE MOUNT RETROFIT KIT	YES
RE200-200	DUAL REGISTERS – REMOTE ONLY	YES

*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 μ s
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:	\pm 0.2% of reading
UPDATE TIME:	.7 seconds



Model M0300 shown with meter mounted RE200



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