

MODEL RE200

RESETTABLE DIGITAL TOTALIZER

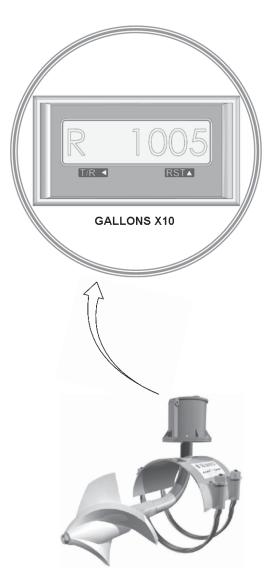
DESCRIPTION AND SPECIFICATIONS

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

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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	



Model M0300 shown with meter mounted RE200



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