

260-2500 Tipping Bucket Rain Gauges

Novalynx 260-2500 Tipping Bucket Rain Gauges are constructed of high quality materials and are designed to provide years of trouble-free operation with a minimum of maintenance. The 260-2500 series is available in two diameters, 8" and 12", in a range of calibration factors in inches or millimeters. **Novalynx 260-2500E Rain/Snow Gauges** are electrically heated versions available for areas that experience ice and snow.

The 260-2500 series is distinguished by sealed ball-bearing pivots which ensure smooth operation of the pivot mechanism for superior consistency. An internal, secondary funnel system helps smooth and direct the flow of water into the tipping buckets.

The electrical output of the rain gauge is a momentary dry contact switch closure. This signal is compatible with many electronic measurement devices such as data loggers and event counters that include a weak pull-up voltage on their digital inputs.

Features

- Sturdy aluminum construction
- Sealed ball-bearing tipping mechanism
- Spirit level and adjustable levelling feet for accurate installation
- Optional thermostatically controlled heating
- Optional dual switch outputs



Ordering Information

260-2500 Eight Inch Rain Gauges

260-2500	8" Rain Gauge, 0.01"/tip
260-2500E	8" Rain Gauge, 0.01"/tip, heated
260-2500M	8" Rain Gauge, 1 mm/tip
260-2500ME	8" Rain Gauge, 1 mm/tip, heated
260-2500M.2	8" Rain Gauge, 0.2 mm/tip
260-2500ME.2	8" Rain Gauge, 0.2 mm/tip, heated
260-2500M.25	8" Rain Gauge, 0.25 mm/tip
260-2500ME.25	8" Rain Gauge, 0.25 mm/tip, heated
260-2500M.5	8" Rain Gauge, 0.5 mm/tip
260-2500ME.5	8" Rain Gauge, 0.5 mm/tip, heated

260-2500 Twelve Inch Rain Gauges

260-2500-12	12" Rain Gauge, 0.01"/tip
260-2500E-12	12" Rain Gauge, 0.01"/tip, heated
260-2500M-12.2	12" Rain Gauge, 0.2 mm tip
260-2500ME-12.2	12" Rain Gauge, 0.2 mm /tip, heated
260-2500M-12.25	12" Rain Gauge, 0.25 mm/tip
260-2500ME-12.25	12" Rain Gauge, 0.25 mm/tip, heated
260-2500M-12.5	12" Rain Gauge, 0.5 mm/tip
260-2500ME-12.5	12" Rain Gauge, 0.5 mm/tip, heated

Dual Switch Option: Order part number 260-2500D-K Dual Switch Upgrade with any of the above rain gauges.

Rain Gauge Accessories	8" Rain Gauges (260-2500)	12" Rain Gauges (260-2500-12)
Mounting plate	260-950	260-950-12
Bird spike kit	260-957 (4/set)	260-957-12 (8/set)
48" Dia. wind screen (Alter type)	260-952 (24" legs), 260-953 (36" legs)	
64" Dia. wind screen (Alter type)	Special Order: 260-952-64 (24" legs)	
Rain logger with display	260-2103	
Precipitation gauge calibrator	260-2595	
Pocket-size digital event counter	260-2598	

Model	260-2500	260-2500-12
Orifice	8" (20 cm)	12" (30 cm)
Calibration	0.01", 0.2mm, 0.25mm, 0.5mm, 1mm	0.01", 0.2mm, 0.25mm, 0.5mm
Accuracy (Novalynx calibrated rate)	±1% at 5.1"/hr	±1% at 2.3"/hr
Capacity	Unlimited - self emptying	
Leveling	Bubble level / adjustable leveling feet	
Electrical		
Switch	Magnetic reed, SPST normally open	
Output	0.1 second switch closure	
Contact maximum rating	3 watts, 0.25 amps, 24 Vdc	
Static discharge protection	Transient voltage suppressor, 27V nom, 16A	
Cable	PVC Jacket, 2 conductor, 20 AWG, 25 feet	
Environmental		
Operating temperature range	0 to +50°C	
Operating temperature (heated)	-30 to +50°C	
Storage temperature range	-40 to +70°C	
Humidity	0 - 100%	
Materials		
Outer cover	Aluminum, white powder coat	
Funnel, base, bucket & support hdw.	Aluminum, black anodized	
Fasteners	Stainless steel	
Optional Heater (Model number includes "E")		
Thermostat open temperature	60°F ± 5°F	
Thermostat close temperature	40°F ± 7°F	
Fuse (one required)	5 A 250 VAC SLOW BLOW 3AG 1/4" x 1-1/4" (6.3mm x 32mm)	
Heater power	120 Vac 50/60 Hz @ 400 Watts	
Power cable	Indoor/Outdoor, 3 conductor, 16 AWG, 13 Amp, 25 feet	
Optional Dual Switch (Part Number 260-2500D-K)		
Switch (x2)	Magnetic reed, SPST normally open	
Output	0.1 second switch closure	
Contact maximum rating	3 watts, 0.25 amps, 24 Vdc (27V surge suppressor)	
Cable	PVC Jacket, 4 conductor, 24 AWG, 25 feet	
Shipping		
Dimensions	8" x 17"	12" x 20"
Weight / Shipping	7 lb/9 lb	14 lb/17 lb
Weight / Shipping (heated units)	9 lb/12 lb	16 lb/18 lb