



DISCONTINUED: RainWise MK-III Weather Station Sensor Assembly with Integrated Rain Gauge

Product Images



Short Description

The MK-III sensor assembly has been designed to offer improved durability and serviceability.

Description

The RainWise MK-III-RTI sensor assembly features all outside sensor components combined together into a single, compact, easy to install unit. The transmitter is designed to work with your choice of displays (sold separately).

RainWise has been an engineering pioneer in the weather instrument industry since 1974. They are known for exceedingly accurate and reliable assemblies.

All RainWise sensor assemblies are built to the highest standards of durability and longevity. The compact and sturdy construction can withstand the most aggressive conditions from - 40° ~ 140° F.

This sleek new design is 33 inches high and weighs just over 7 pounds. It is one of the most accurate, durable and easiest to install weather station available.

Additional Information

Promotion	This product has been discontinued. See the RainWise MK-III Long Range Weather Station Sensor Assembly with Integrated Rain Gauge
Brand	RainWise
Country of Manufacture	United States
Contents	MK-III RTI Sensor Assembly
Explanation	<p>The solar charged battery supply is guaranteed to provide continues operation below 60 degrees latitude. The MK III will operate for at least 60 days without sun. Since there is no connection between the sensors and the power line, damage from thunderstorms is virtually eliminated and the sensors are immune to power line voltage surges.</p> <p>The initial sensor calibrations for wind, temperature, relative humidity and barometric pressure are traceable to the National Institute of Standards and Technology. The passive solar shield for the temperature and humidity sensors are modeled after the ones designed by the National Weather Service. All materials used in the sensor assembly and weather instruments have been chosen for their durability and resistance to weathering and corrosion.</p> <p>All RainWise weather station hardware is stainless steel. The station is fabricated from fiberglass and structural PVC and is ultra-violet inhibited. The optional Mono Mount is made from powder coated steel and is supplied with bolts for mounting.</p>
Ideal For	Professional
Outdoor Unit	<p>Known for their accurate and reliable sensor assembly, the RainWise MKIII has several groundbreaking features including:</p> <p>A transmission range of up to one mile (when positioned with an unobstructed line-of-site view to the receiver) that surpasses the current long-range distance of 1000 feet</p> <p>A rapid data refresh rate of every 2 seconds makes receiving your data virtually real-time.</p>

Sensors	<p>The tipping bucket design was originally developed by RainWise in 1974 and has become the industry standard for rain gauges!</p> <p>Other weatherstations use 3-cup anemometers that are susceptible to collecting water and can cause freezing and breaking, leading to repeated down time and ongoing expensive replacements. The RainWise trademark rotary blade design eliminates this concern. In addition it utilises an internal, contact-free magnetic system that provides constant horizontal wind tracking, leaving no mechanical parts to wear out over time and require replacement.</p> <p>Finally, the RainWise aervane is crafted in such a way as to minimise crevices in the body that would be susceptible to ice build-up causing downtime and breakage.</p>
Power	Solar Charged Battery Supply

Additional Options

Display	Weather Oracle - Cherry Frame
	Weather Oracle - Mahogany Frame
	Weather Oracle - Black Frame
Interface	CC-3000 Data Logger & Computer Interface
	IP-100 Network Interface
Mounting Kit	Mono Mount