



Specifications

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|------------------------------|--|-------------------------------|--|
| WIND SPEED | | RELATIVE HUMIDITY | |
| Range: | 0-150 mph, 0-130 knots 0-67 m/s, 0-240 kph | Range: | 0 - 100% R.H. |
| Resolution: | 1.0 mph | Accuracy: | ± 2% @ 25° C |
| Accuracy: | ± 2% of full scale | | Temperature compensated -40° to +85° C |
| WIND DIRECTION | | TEMPERATURE/HEAT INDEX | |
| Range: | 0-360 with 16 point wind rose Bright LED - instantaneous direction Dim LEDs - variation in direction | Range: | To 160° F, 71° C |
| | | Accuracy: | ± 2.0° |
| TEMPERATURE - Outside | | BAROMETER | |
| Range: | -99° to +165° F, -54° to +74° C | Range: | 19.3 to 32 inches Hg 551 to 1063 millibars (hPa) |
| Accuracy: | ± 1.0° F, ± 0.5° C | Accuracy: | ± 0.05 inches Hg, ± 1.69 hPa, at 25° C. Temperature compensated -40° to +85° C |
| TEMPERATURE - Inside | | RAINFALL | |
| Range: | 32° to 122° F, 0° to 50° C | Range: | Unlimited |
| Accuracy: | ± 1.0° F, ± 0.5° C | Collector: | 8.0 inch dia - 20.3 cm dia |
| DEW POINT | | Resolution: | 0.01 inches, 0.25 mm |
| Range: | -40° to +140° F, -40° to +60° C | Accuracy: | ± 2.0% @ 1.5 inches hour |
| Accuracy: | ± 2.0° F, ± 1.0° C | TRANSCIVER | |
| WIND CHILL | | Range: | Every MK III is tested at 433 feet through two walls |
| Range: | To -127° F, -88° C | Frequency: | 418MHz for MK III, 315 MHz for yard-mount rain gauge |
| Accuracy: | ± 2.0° F, ± 1.0° C | | |

RainWise reserves the right to change design and/or specifications



Guarantee

The **MK III**, the Weather Oracle® displays and the Computer Interface are guaranteed for two years. The solar panel and battery are guaranteed for five years. A five year system warranty is also available.



Customer Service Commitment

Our commitment to Customer Service is complete. We don't expect problems, but when you are installing and getting acquainted with your new weather station, you may need some answers. We have a full time Customer Service Department that is available from 8 AM to 5PM Eastern Time, Monday through Friday. We do not have an automatic phone answering system. When you call our toll-free number you will always speak with a real person. In fact, when you buy a weather station from us and send in the registration, we call you to see how the installation went and if there is anything else you would like to know.

After the sale, if a problem develops, we are ready to assist. We stand behind our warranty, but we think it is more important to have you as a satisfied customer. We will go as far as necessary to assure that you get the best possible value... exactly what you were expecting.

You can reach us at **1-800-762-5723**

THE MK III WEATHER STATION™

the latest and most advanced solar powered, wireless weather station



RainWise Inc.

File: Modify Display Settings Window Communication Climate Reports Help



**RainWise presents the
MK III. . . a new approach to solar powered
wireless weather watching!**

This new weather station features exciting new multi-window displays, available with a variety of hardwood frames. A yard-mounted wireless rain gauge that facilitates periodic cleaning is available, and we have added Time, Date and the Temperature/Heat Index to our displayed parameters:

The **MK III** can measure, record and display:

Wind Speed
Wind Direction
Temperature - outside
Temperature - inside
Relative Humidity
Barometric Pressure
Rainfall

It also computes:

Dew Point
Wind Chill
Temperature/Heat Index

and

Shows Direction Variation
Stores Maxs and Mins
Has an optional Computer
Interface with logging capability.

Ordering is easy. . . just pick the weather transmitter that meets your requirements, and add the accessories you want



Pick one or more displays



See page 6 for details



Optional computer Interface
with Windows® software



Optional three foot galvanized steel tripod
\$39

Why you should buy a weather station from RainWise. . .

- ★ RainWise has been in business for more than a quarter-century, and is the originator of the consumer digital weather station. Besides manufacturing the best home weather station available, the company also makes a complete line of professional meteorological measuring and recording equipment. Approved as a GSA contractor, RainWise supplies the National Weather Service, NASA, The United States Air Force, Army, Navy and Coast Guard.
- ★ The ***MK III*** encompasses the latest technology and provides the best accuracy of any consumer weather station on the market. We have incorporated all of the features desired by knowledgeable weather enthusiasts, including a large, highly visible multi-display, viewable anywhere in the room and a yard-mounted rain gauge to facilitate periodic cleaning. Our wireless computer interface can be placed anywhere within transmitter range without regard to the display location. The data logging ability of the computer interface means that you do not have to dedicate your computer. By connecting the computer interface to a modem, you can access historical data with a computer from anywhere in the world. Installation of the "single" ***MK III*** sensor/transmitter is very simple, and is not complicated by the necessity of installing several individual sensor/transmitters as with the systems offered by offshore manufacturers.
- ★ Reliability is key, whether you are an avid weather watcher or just needing to know whether or not to wear a sweater. You want to get the information when you want it. The solar-charged battery will last for many years and provide power for months, without any sun. The lack of a power line connection means that surges during thunder storms won't cause a problem with the sensors.
- ★ You get the best warranty. . . **a full two years.** RainWise has been a member of the Better Business Bureau for many years. Check us out. . . call them at 800-422-2462. When you need help, you need someone who is committed. Read our Customer Service Commitment on the back of this brochure. We stand solidly behind that warranty, because in Maine we still think that "American Made" should mean the absolute best.

You have options with a MK III Weather Monitoring System. . .

- ★ The basics are always available, but these features allow you to get something special from your weather station.

A multi-display permits viewing all your parameters at the same time or you can customize the display, showing only those parameters you select. You have choices on brightness, as well as whether to wall mount or place free-standing on a table or shelf.
- ★ You are able to select a frame for the display that suits your décor. Wide and narrow frames are available in a variety of finishes, including cherry, mahogany and black.
- ★ If you live in an area with a lot of trees that produce airborne debris, you can opt for the yard-mounted wireless rain gauge so you won't have to climb on the roof when it needs cleaning.
- ★ Since each display or computer interface has its own receiver, you can place as many as you wish, anywhere you wish, as long as they are in the range of the ***MK III***. It also means that your computer connection does not have to be near your display.
- ★ For the real weather enthusiast, the computer interface is also a data logger. This eliminates the need to dedicate your computer. Optional software is available that allows you to put up your own web page or download professional weather data from the internet.
- ★ Do you own a second home or vacation cottage and want to be able to see what the weather is from your primary residence? It's simple, just install the ***MK III*** with a computer interface connected to a dial-up modem. Set the modem to answer after so many rings and access the data from any computer anywhere in the world.

This is the MK III. . .



The new **MK III** is truly the space age weather station. The sleek design is only five inches by six inches by twenty seven inches high. The complete assembly weighs less than seven pounds. It is the most accurate, reliable and easy to install weather station available.

The **MK III** is shipped completely assembled with an extension mounting mast. A foolproof hermetically sealed magnetic switch turns on the system.

The extension mounting mast is fabricated from 1 1/4 inch schedule #80 PVC pipe. This rugged mast will fit any standard tripod or TV antenna mount.

Before a **MK III** is shipped, the transmitter is checked at a distance of 433 feet, through two walls. The solar charged battery supply is guaranteed to provide continuous operation below 60° Latitude. **The MK III** will operate for at least 60 days without sun.

The passive solar shield for the temperature/humidity sensors is modeled after the National Weather Service design. The **MK III** is guaranteed for two years. The solar panel and battery are guaranteed for five years.

\$675
Includes
sensors, solar
panel, battery
and transmitter.

The **MK III** allows for remote mounting of a wireless rain gauge in the yard. This facilitates periodic cleaning of the gauge without going up on a roof. . . particularly useful where there are a lot of trees. The wireless yard-mount rain gauge transmits to the **MK III** at 315 Mhz. A lower cost rain gauge that is an integral part of the weather transmitter is also available.

Here is the MK III computer interface. . .

The wireless computer interface has its own receiver and wall transformer for power. It can be placed in any desired location. It is not connected to the display in any way.

The interface has 32K of RAM that allows you to log the weather at your desired rate (from once a minute to once an hour). This means that you do not have to dedicate your computer. The interface will store data for 76 days at a one hour record rate. It is equipped with a battery backup.



\$295

Includes Windows®
software, wireless
receiver and cable
for serial port.

The computer interface is user friendly and very easy to install. Complete instructions with Windows® based software are included. A flashing LED indicates when the interface is receiving information from the **MK III**. An RS-232 cable is provided to connect to the computer serial port. A USB to RS-232 converter is available.

By connecting a dial-up modem to the interface, you can receive weather information from a remotely located **MK III** via your computer.

Here are the **MK III** rain gauges. . .

There are two rain gauge options available with the new **MK III**.



\$99

Integral mounted gauge

OPTION #1 is a rain gauge that is an integral part of the weather transmitter.

OPTION #2 is a wireless rain gauge that mounts in your yard and transmits at 315Mhz to a receiver in the **MK III**. This gauge is supported on a sturdy PVC pipe that mounts in a hole in the ground. It is powered by two "AA" batteries which provide at least a year of operation. The maximum range is 400 feet.

The advantage of this gauge is the yard-mounting which permits easy access for periodic cleaning. This is particularly helpful when the area is surrounded by a lot of trees.



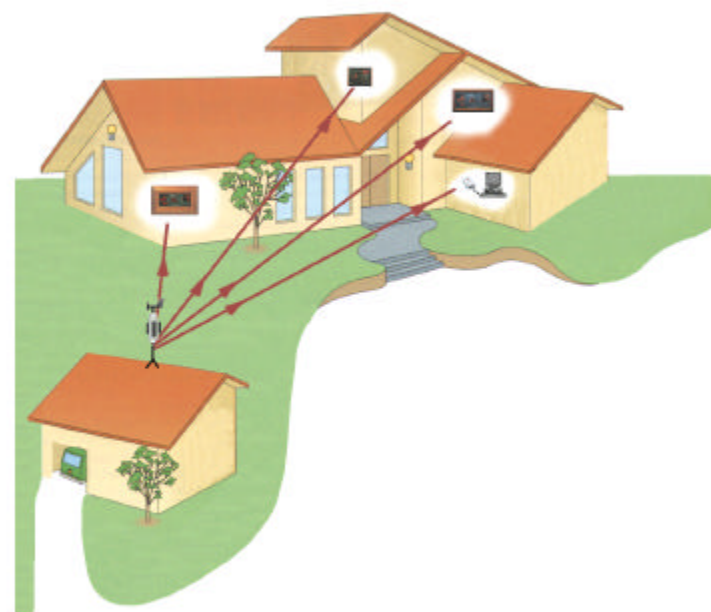
\$250

Yard mount gauge
Includes gauge, with transmitter and mount.

The illustration below shows the **MK III** mounted on the roof, transmitting data to as many displays or computer interfaces that are within range. It also shows a remote wireless yard-mounted rain gauge sending rainfall information to the **MK III**.



This illustration shows the **MK III** mounted on a remote building with the integral-mounted rain gauge. The **MK III** can be located on any convenient remote support as long as it is in range of the receivers. Preferably, the **MK III** should be higher than the receivers



Here are the **MK III** *Weather Oracle®* displays

There are several displays available for the new **MK III**, including the Weather Oracle® **MK III**, a multiple parameter display with a selection of hardwood frames. The new multi display shows:

Time
Date
Temperature
Outside
Inside
Wind Chill
Dew Point
Relative Humidity
Temperature/Heat Index
Barometric Pressure
Rising
Falling
Rainfall
Current
Accumulation
Wind Speed
Wind Direction
Variation

Maximums and minimums are available to the month, day, hour and nearest minute. The displays indicate whether the barometer is rising or falling. Wind direction variation is also shown.

You can have as many displays as you want. For example, in a small school, a display and/or computer interface can be located in every classroom. . .all receiving information from one **MK III**.

The bright LED readouts can be seen from across the room. We have also provided a brightness control to suit the ambient lighting conditions. Any of the individual displays may be turned off if desired.

You can mix or match these displays. They are all compatible with the older **WS-2000**, 418MHz wireless weather station. All of the displays can be wall-mounted or placed free-standing on a table or shelf. A wall transformer powers the receiver for the display.



\$260

This is the original Weather Oracle® display. It does not display the inside temperature or the Temperature/Heat index.



\$395

This is the new Weather Oracle® MK III multi-display mounted in a narrow frame. This frame is available in cherry, mahogany and black.



\$395

This is the new Weather Oracle® mounted in a black aluminum shadow box frame with silver trim.



\$425

This is the new Weather Oracle® **MK III** multi-display mounted in a wide frame.

Each display has a separate receiver and wall transformer for power. All of these displays can be wall-mounted or placed free-standing on a shelf or table.