

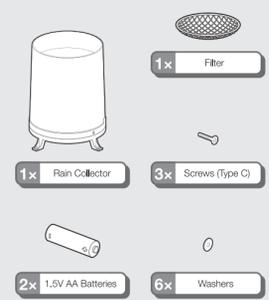
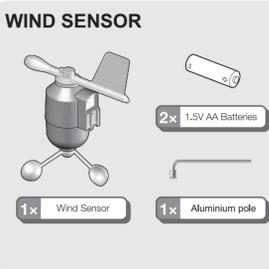
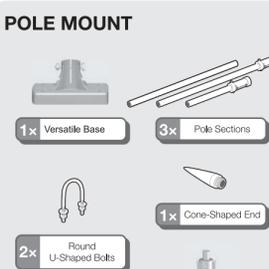
QUICK START GUIDE

WMR100NA ADVANCED WEATHER STATION
with Wireless Sensor Set and Mounting Package

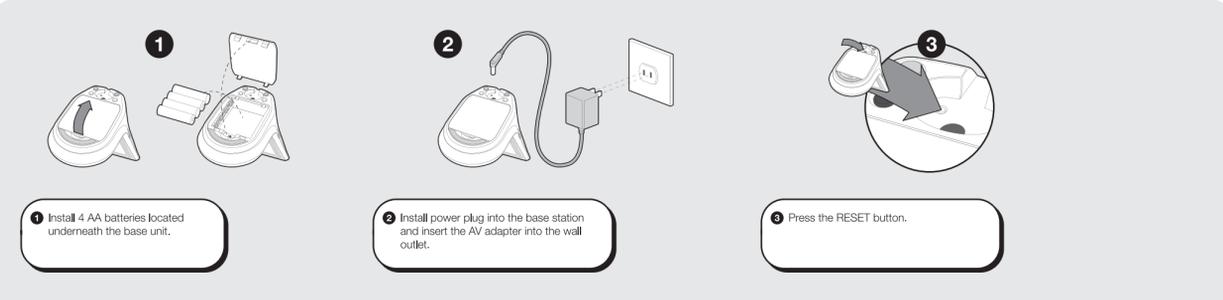
Oregon™
SCIENTIFIC

A UNPACK

Make sure that you have all of the parts shown here before the installation of the Advanced Weather Station.

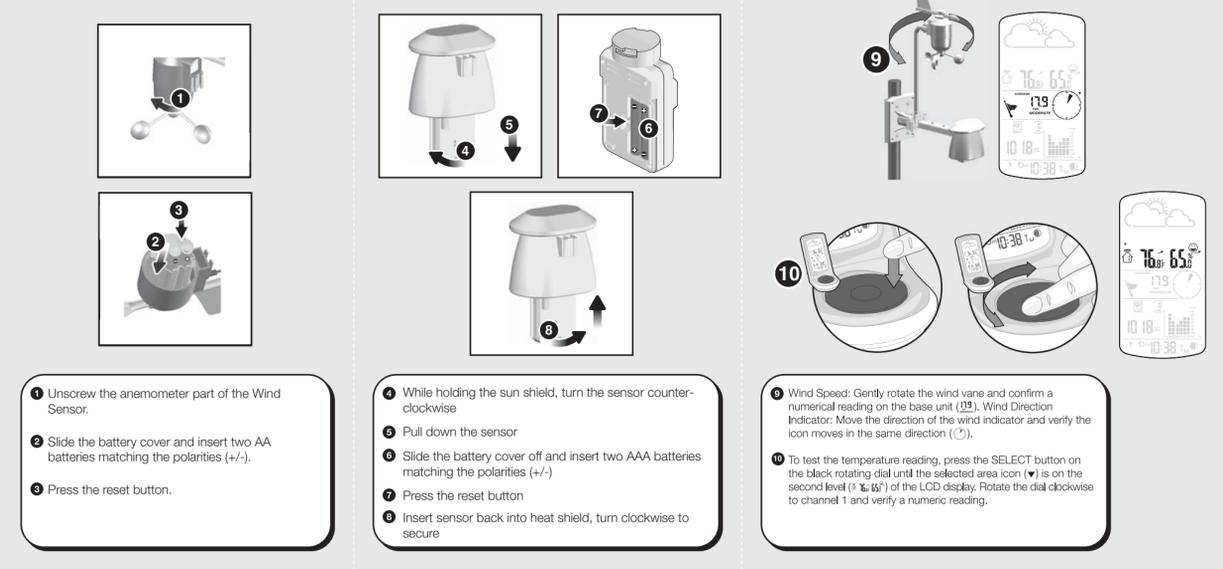
MAIN UNIT  <ul style="list-style-type: none"> 1x WMR100NA Base 1x 6V Adapter 4x 1.5V AA Batteries 1x USB Cable 	RAIN GAUGE  <ul style="list-style-type: none"> 1x Rain Collector 1x Filter 3x Screws (Type C) 2x 1.5V AA Batteries 6x Washers
WIND SENSOR  <ul style="list-style-type: none"> 1x Wind Sensor 2x 1.5V AA Batteries 1x Aluminium pole 	POLE MOUNT  <ul style="list-style-type: none"> 1x Versatile Base 3x Pole Sections 1x Cone-Shaped End 2x Round U-Shaped Bolts 1x Vertical Attachment Bracket 3x Metal Pins 4x Screws (Type A) 2x Rectangular Base Legs 1x Horizontal Attachment Bracket
TEMP & HUMIDITY SENSOR  <ul style="list-style-type: none"> 1x Temperature/Humidity sensor casing 1x Temperature/Humidity sensor 1x Sensor connector 2x 1.5V AAA Batteries 	

B SET-UP MAIN UNIT



- Install 4 AA batteries located underneath the base unit.
- Install power plug into the base station and insert the AV adapter into the wall outlet.
- Press the RESET button.

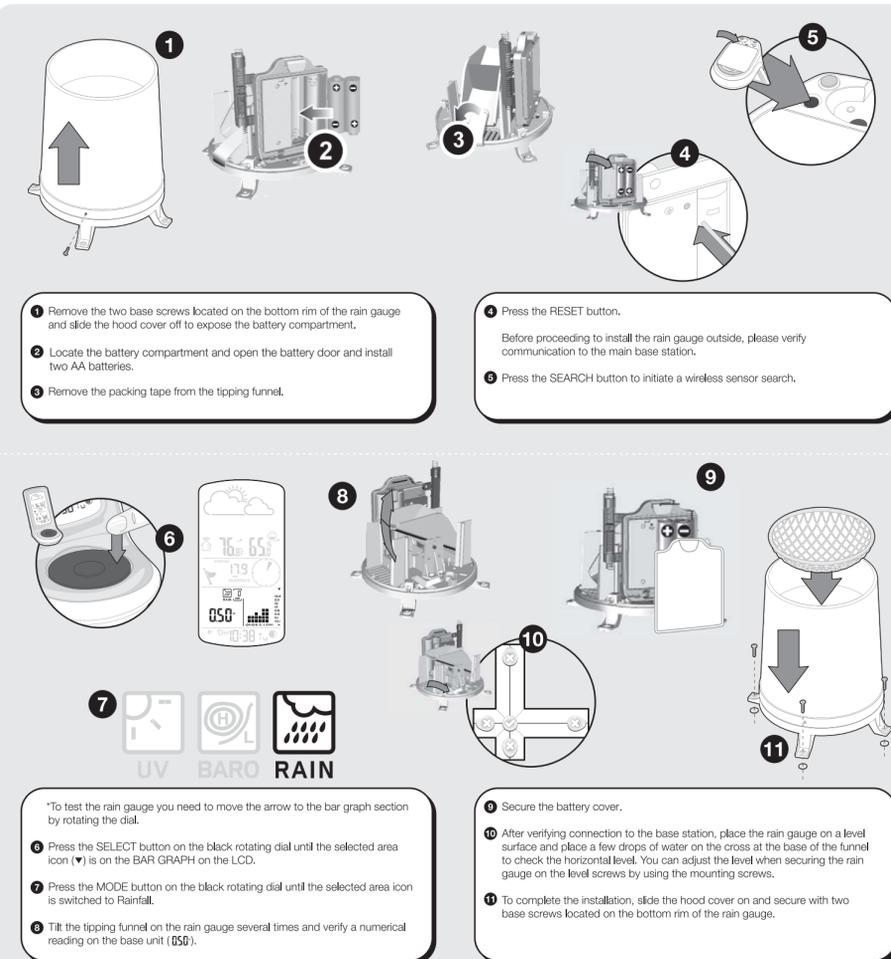
C SET-UP WIND SENSOR AND TEMPERATURE/HUMIDITY SENSOR



- Unscrew the anemometer part of the Wind Sensor.
- Slide the battery cover and insert two AA batteries matching the polarities (+/-).
- Press the reset button.
- While holding the sun shield, turn the sensor counter-clockwise.
- Pull down the sensor.
- Slide the battery cover off and insert two AAA batteries matching the polarities (+/-).
- Press the reset button.
- Insert sensor back into heat shield, turn clockwise to secure.
- Wind Speed: Gently rotate the wind vane and confirm a numerical reading on the base unit (13). Wind Direction Indicator: Move the direction of the wind indicator and verify the icon moves in the same direction (14).
- To test the temperature reading, press the SELECT button on the black rotating dial until the selected area icon (15) is on the second level (16 & 17) of the LCD display. Rotate the dial clockwise to channel 1 and verify a numeric reading.

WMR100NA QUICK START GUIDE (FRONT SIDE)

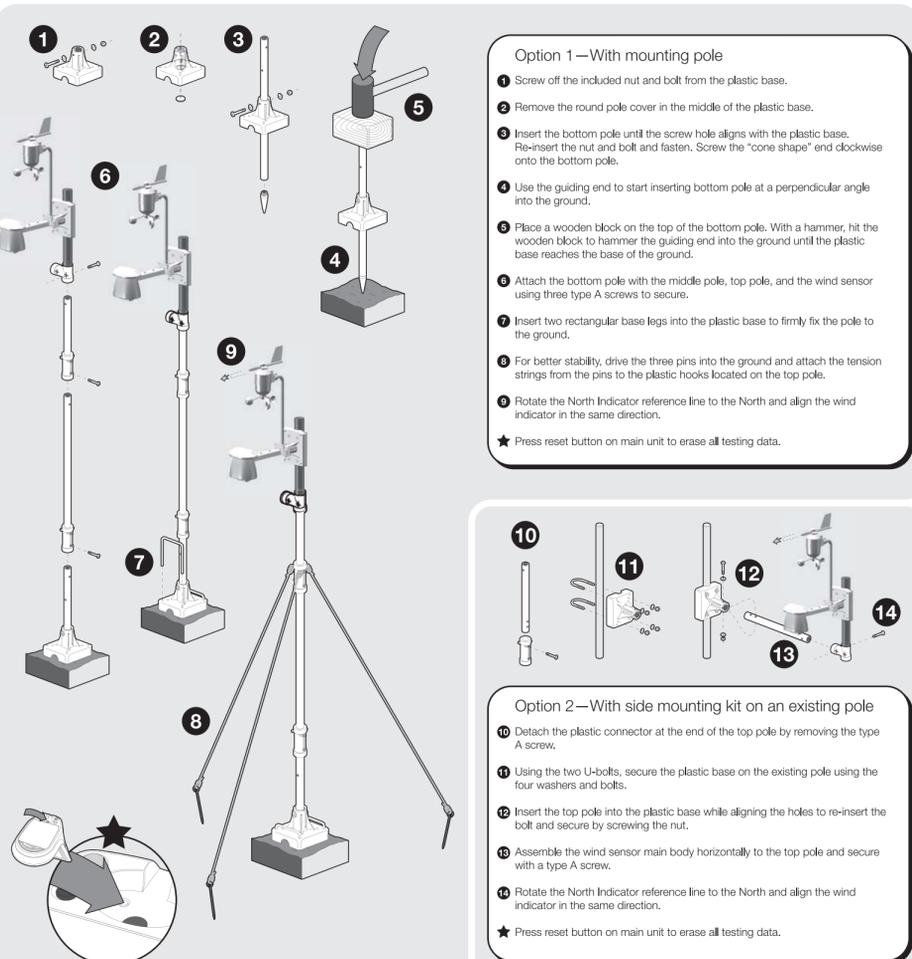
D SET-UP RAIN GAUGE



- Remove the two base screws located on the bottom rim of the rain gauge and slide the hood cover off to expose the battery compartment.
- Locate the battery compartment and open the battery door and install two AA batteries.
- Remove the packing tape from the tipping funnel.
- Press the RESET button.
Before proceeding to install the rain gauge outside, please verify communication to the main base station.
- Press the SEARCH button to initiate a wireless sensor search.
- Press the SELECT button on the black rotating dial until the selected area icon (15) is on the BAR GRAPH on the LCD.
- Press the MODE button on the black rotating dial until the selected area icon is switched to Rainfall.
- Tilt the tipping funnel on the rain gauge several times and verify a numerical reading on the base unit (150).
- Secure the battery cover.
- After verifying connection to the base station, place the rain gauge on a level surface and place a few drops of water on the cross at the base of the funnel to check the horizontal level. You can adjust the level when securing the rain gauge on the level screws by using the mounting screws.
- To complete the installation, slide the hood cover on and secure with two base screws located on the bottom rim of the rain gauge.

UV BARO RAIN

E SET-UP POLE



Option 1—With mounting pole

- Screw off the included nut and bolt from the plastic base.
- Remove the round pole cover in the middle of the plastic base.
- Insert the bottom pole until the screw hole aligns with the plastic base. Re-insert the nut and bolt and fasten. Screw the "cone shape" end clockwise onto the bottom pole.
- Use the guiding end to start inserting bottom pole at a perpendicular angle into the ground.
- Place a wooden block on the top of the bottom pole. With a hammer, hit the wooden block to hammer the guiding end into the ground until the plastic base reaches the base of the ground.
- Attach the bottom pole with the middle pole, top pole, and the wind sensor using three type A screws to be secure.
- Insert two rectangular base legs into the plastic base to firmly fix the pole to the ground.
- For better stability, drive the three pins into the ground and attach the tension strings from the pins to the plastic hooks located on the top pole.
- Rotate the North Indicator reference line to the North and align the wind indicator in the same direction.
- Press reset button on main unit to erase all testing data.

Option 2—With side mounting kit on an existing pole

- Detach the plastic connector at the end of the top pole by removing the type A screw.
- Using the two U-bolts, secure the plastic base on the existing pole using the four washers and bolts.
- Insert the top pole into the plastic base while aligning the holes to re-insert the bolt and secure by screwing the nut.
- Assemble the wind sensor main body horizontally to the top pole and secure with a type A screw.
- Rotate the North Indicator reference line to the North and align the wind indicator in the same direction.
- Press reset button on main unit to erase all testing data.

Questions or comments? Contact our Customer Service Center
website: www2.oregonscientific.com/service phone: 800.853.8883 email: helpme@oscientific.com

WMR100NA QUICK START GUIDE (BACK SIDE)

COLOUR: BLACK AND WHITE
SIZE: 432W X 279.5H (MM)
MATERIAL : 80 GSM WOODFREE PAPER
PRINTING: DOUBLE SIDE
FINISHING: FOLDING