



7. Attach the power cord to the MAIN POWER outlet, then into a normal 110 volt wall outlet. (220 volt outlet if your Wind Maker is a custom 220 version)

8. Turn the ON/OFF switch to ON. Adjust the pressure using the variable speed knob. Monitor pressure with the Magnehelic meter.



IF MORE PRESSURE IS NEEDED

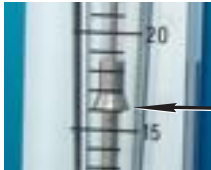
If the Wind Maker is running at full speed yet more pressure is needed, plug a shop-vac, Cadillac blower, or other vacuum motor, or a power strip with multiple vacuums connected into the AUXILIARY POWER OUTLET. Any extra vacuum blower motors plugged into this will vary their speed along with the Wind Maker when adjusted with the variable speed knob.

TO CALIBRATE THE MAGNEHELIC METERS

Meter must be upright.

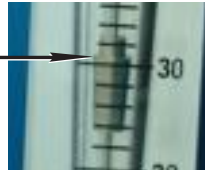
Use a small screw driver to turn the calibration adjustment screw until the needle rests exactly on zero.

MAGNEHELIC METERS WILL ONLY READ ACCURATELY WHEN IN THE UPRIGHT POSITION.



low scale air-flow meter, or "manometer tube"

When reading the air-flow meters read the widest lip on the floats



high scale air-flow meter, or "manometer tube"

SPECIAL NOTE!!

If using a power generator you must also use a voltage regulator. The Wind Maker may not perform properly if not provided with the correct voltage.

WARNING:
FAILURE TO READ AND FOLLOW ALL INSTRUCTIONS AND LABELS COULD RESULT IN DAMAGE TO THE WINDMAKER, SERIOUS INJURY, OR DEATH.

DISASSEMBLY COULD RESULT IN DAMAGE TO THE WIND MAKER, SERIOUS INJURY, OR DEATH.

LIMITED THREE-YEAR WARRANTY

When the Wind Maker is assembled and operated according to the instructions attached to or furnished with it, the RM Group will replace parts to correct defects in materials or workmanship for a period of three years from the date of purchase. Damage resulting from accident, alteration, misuse, abuse, fire, flood, improper assembly, acts of God or use of parts not specifically designed for this product is not covered under this warranty.

the  **Wind Maker** PLUS test kit™

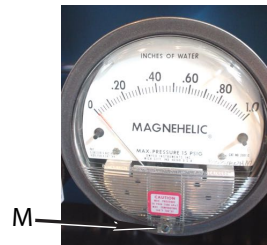


Operation Manual

www.sprayrack.com

952-220-5639
info@sprayrack.com

Parts & Components List



- A - vacuum hoses
- B - power cord
- C - measurement hose
- D - air-flow meters, or "manometer" tubes
- E - negative pressure vacuum hose connection
- F - positive pressure vacuum hose connection
- G - variable speed knob
- H - ON/OFF switch
- I - main power outlet
- J - auxiliary power outlet
- K - low scale Magnehelic meter
- L - high scale Magnehelic meter
- M - Magnehelic calibration adjustment screw



INITIAL SET UP



1. Push button on handle to extend, wheel the Wind Maker to within four feet of window to be tested. Then push the button again to collapse handle.



2. Open the case and remove the vacuum hose, measurement hose, and power cord from their bags.



3. Attach the measurement hose to the negative pressure (bottom) nipple of the Magnehelic meter you'll be using for the test. If you're using positive pressure (exerted on outside of window), use the other (top) nipple.



4. Attach the vacuum hose to the top vacuum connection. Then insert the other end into the air chamber of the window or door to be tested **FOR WATER INFILTRATION.**
(only one vacuum hose is used for water infiltration testing)

FOR PERFORMING AIR INFILTRATION TESTING



5. Follow steps 1-4, but insert the other end of the 1st hose into the top of the air-flow meter you'll be using for the air infiltration test. Screw in the air-tight hose connectors.
6. Insert the 1st hose coming out of the vacuum pump & into the top of the air-flow meter. The second hose comes out of the bottom of the air-flow meter & into the air chamber on the test specimen.

