

# Microenvironmental System

## Quick Start Guide

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**A**dding the **Davis Cup Anemometer** to the current Decagon offerings makes possible a complete microenvironmental monitoring system. Please see your Em50 manual and other accompanying manuals for details about each instrument. Below are some guidelines for your system.

1. Select the location where you want to quantify the microenvironment, but keep in mind that nearby trees and buildings may affect your readings.
2. Mount the sensors on a 1-3/4" OD pipe. A steel pipe can be set in concrete or, for a quick installation, PVC pipe can be placed over a T-post.
3. Wind speed, temperature, and vapor pressure vary with height. Some standard calculations assume a specific height, such as 2m for these measurements.
4. Mount the system so shadows are not artificially cast onto the sensing head.
5. Use the leveling bubble on the rain gauge to level the system.

### Questions?

Contact us at [support@decagon.com](mailto:support@decagon.com)

