



ELIMINATE OVER WATERING AUTOMATICALLY.

- ✓ *Quick, easy installation*
- ✓ *Works with all irrigation systems*
- ✓ *Prevents over watering of up to 4 zones*
- ✓ *Saves time, money and water!*
- ✓ *Works with all soil types*
- ✓ *Automatic calibration*

Automatic water conservation for all landscapes

SENSOR SPECIFICATIONS

Type Volumetric Water Content (VWC)
Accuracy Typical $\pm 1\%$ All soils, up to 8 dS/m
Output Voltage, correlated linearly (soil) or polynomially (growing media) with VWC
Frequency 70 MHz
Active Sensor Length 2 inches
Minimum Measurement Time 10 ms
Growing Media All soils, coarse sand to clay, potting soil, rockwool, perlite, etc.
Operating Environment -40 to +60 degree C, 0-100% RH
Physical Properties
 Dimensions: 8.9 cm x 1.8 cm x 0.7 cm

CONTROLLER SPECIFICATIONS

Irrigation Interface All 24 volt solenoid valves, each unit will control up to 4 valves
Range 1 to 99 percent VWC
Resolution 1% VWC
Color Code Green: *Value common*, Black: *Clock common*, Orange: *Individual Valves*
Cable Lengths Probe 16 feet; up to 250 feet with extension kit, irrigation interface cables 18 inches
Dimensions 2.25 inches by 3.25 inches

ELECTRICAL SPECIFICATIONS

Supply Voltage 2 to 5 V possible, fixed
Protection Over-voltage and reverse polarity

Morph₂O Water Management, LLC
 www.morph2o.com
 801-866-1760

MAGNA CITY IRRIGATION PROJECT



BRIGHAM YOUNG UNIVERSITY IRRIGATION PROJECT

