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Products: ET System [1]
Topics: Adjustment, Installation Details, Installation Procedures, Troubleshooting

Below are some tips to assist you in troubleshooting your Hunter ET System.

[2]

Problem	Cause	Solution
No Display	Disconnected, or miswired SmartPort connection.	Check wiring. Verify that the red Smartport wire is connected to AC1, and the white wire is connected to AC2. Verify that the controller has power.
Frozen display or odd characters in display	Program stopped. Static electricity.	Turn off power to the controller for a few seconds. Turn power back on. Press Reset button.
No ET reading (0.00)	Sensor has not had enough time to gather data (at system startup).	Wait until sensors have ahd enough time to accumulate data. Turn dial to ET Setup, press and hold STA button. Check individual sensor readings.
No Water	Dial not in Automatic position. ET System disconnected from controller. ET System disabled. No water days. No start time. Sensor Pause (shutdown due to conditions). Interval Days set too high for conditions.	Dial must be in Automatic position. Verify Smartport connection to controller. Set ENABLE ET to YES (ET Setup dial position). Set Start Time (Daily Start Time dial position). Set water day to Y (Yes) (Water Days dial position). Check ET Module display for "RAIN, "FREEZE", or "WIND" PAUSE message. System will resume when conditions permit. Set shorter interval.
		Verify station settings at all dial positions, including Plant Type, Site Info and Sprinkler Type.

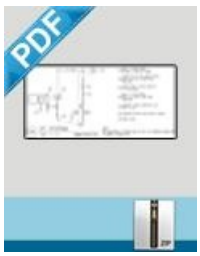
Too much or too little water	Incorrect station settings. malfunctioning sensors. ET SOURCE set to Manual. Landscape characteristics.	Perform maintenance on sensors: clean out rain gauge, clean off solar radiation sensor, clear debris from "beehive" housing. Set ET SOURCE to SENSOR (ET Setup position). Use ET Adjust (ET Setup postion) to control the percentage of ET used to calculate watering.
Waters with controller dial in OFF position	ET System must also be OFF.	Set ENABLE ET to NO (ET Setup position).
Dry or dead spots in grass	Variation in sprinklers, spacing.	Check sprinkler layout. Check plant type, soilt type, and slope settings. Increase ET Adjust % gradually (by 5-10%) and monitor over the course of several weeks for improvement.
ET or sensor readings do not match with local weather sources.	Microclimate, sensor variations.	ET, temperatures, humidity, solar, wind and rain values can vary widely even over relatively short distances.
Sensor Fault	Sensor miswired or missing.	Check ET Sensor wiring connections, and physical status of sensors. Voltage at sensor (green and black wires) should be 9-15VDC.

Note:This product is intended for turf and landscaping applications only, not intended for agricultural or scientific use.

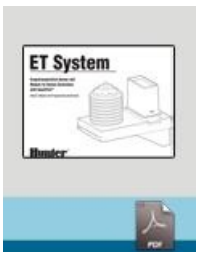
Warning: Do not paint or apply any decorations or covers to sensor platform. This could negatively affect the readings.

Resources

[3]
ET SYSTEM BROCHURE
[3]



[9]
ET SYSTEM INSTALLATION DETAIL - PDF
[9]



[11]
ET SYSTEM OWNER'S MANUAL
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ET SYSTEM PRODUCT SPEC CUT SHEET
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ET SYSTEM WRITTEN SPECIFICATION
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