I'm not robot

reCAPTCHA

Continue

I'm not robot

reCAPTCHA

Hunter xc sprinkler user manual

Week 6 Interval Watering Identifies Month when programming the current date 7 Odd / Even water indicates identifies as Odd or Even Water is selected 8 FIX-Core Components Wiring Compartment 15 Lithium Battery The replaceable lithium battery (included) allows the controller to be programmed without alternating current. In addition, the battery provides backup time in the case of a power outage. X-Core Components Dial Settings Run Normal dial position for all controller automatic and manual operation Current Time/Day Allows current day and clock time to be set Start Times Allows 1 to 4 start times to be set in each program Run Times user Allows to set each valve station run time from 1 minute to 4 hours Water Days Allows the user to select interval days to water Allows user to make run time changes according to the seasons without reprograming the controller. INSTALLATION OF THE CONTROLLER TO WALL. Note: The inner version of the X-Core is not waterproof or weatherproof and must be installed inside or in a protected area. B A 1. Put one screw in to be set Start Times Allows 1 to 4 start times to be set in each program Run Times user Allows to set each valve station run time from 1 minute to 4 hours Water Days Allows the user to select interval days to water Allows user to make run time changes according to the seasons without reprograming the controller. INSTALLATION OF THE CONTROLLER TO WALL. Note: The inner version of the X-Core is not waterproof or weatherproof and must be installed inside or in a protected area. B A 1. Put one screw in to be set Start Times Allows 1 to 4 start times to be set in each program Run Times user Allows to set each valve station run time from 1 minute to 4 hours Water Days Allows the user to select interval days to water Allows user to make run time changes according to the seasons without reprograming the controller. INSTALLATION OF THE CONTROLLER TO WALL. Note: The inner version of the X-Core is not waterproof or weatherproof and must be installed inside or in a protected area. B A 1. Put one screw in to be set Start Times Allows 1 to 4 start times to be set in each program Run Times user Allows to set each valve station run time from 1 minute to 4 hours Water Days Allows the user to select interval days to water Allows user to make run time changes according to the seasons without reprograming the controller. INSTALLATION OF THE CONTROLLER TO WALL. Note: The inner version of the X-Core is not waterproof or weatherproof and must be installed inside or in a protected area. B A 1. Put one screw in to be to be Start Times Allows 1 to 4 start times to be set in each program Run Times user Allows to set each valve station run time from 1 minute to 4 hours Water Days Allows the user to select interval days to water Allows user to make run time changes according to the seasons without reprograming the controller. INSTALLATION OF THE CONTROLLER TO WALL. Note: The inner version of the X-Core is not waterproof or weatherproof and must be installed inside or in a protected area. B A 1. Put one screw in to the wall. Install screwfankers as attaching to drywall or masonry wall. 2. Slide the keyhole over the controller over the screw. 3. Put the controller in place by installing screws the holes under the final strip. CONNECT VALVES AND TRANSFORMER The installation of the X-Core should only be done by trained personnel. Valve 4 1. Route valve wires valve wires location and control valve. 2. At valves, attach a common wire to either solenoid wire on all valves. This is usually a white colored thread. Attach a separate line wire to the remaining wire of each valve. All wire connections should be done using waterproof connectors. Valve 3 BAT Valve 2 3. Guide the valve wires through the pipe. Activate the battery After installing your X-Core, you need to remove the battery contact insulator so that the X-Core can keep time in the event of a power outage. NOTE: RISK OF EXPLOSION IF THE BATTERY IS REPLACED BY AN INCORRECT TYPE. GET RID OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS. Replacing the battery A high-energy lithium battery is included with your X-Core controller. The battery allows the user to program the Lithium Battery controller remotely without connecting the power flow. Connecting a Master Valve to the Master Valve, attach the common thread to either solenoid 1. A wire from the valve. Attach a separate line wire to the remaining solenoid wire. NOTE: Please fill in this section only if a main valve is installed in your irrigation system. A main valve is a normally closed valve installed at the main line supply point that opens only when the controller initiates a water program. 2. The common wire shall be attached to the C terminal in the controller. CONNECTING A PUMP START RELAY NOTE: Fill in this section only if you have installed a pump start relay. A pump start relay is a device that uses a signal from the controller to activate a separate electrical circuit pump to deliver water to your system. The controller should be mounted at least a 15 ft (4.5 m) distance from both the pump start relay and pump to minimize any electrical interference. 1. Route a few wires from the pump relay into the controller. 2.CONNECTING A Hunter Clik WEATHER SENSOR A Hunter weather sensor or other micro-switch weather sensors can be connected to the X-Core. The purpose of this sensor is to stop automatically dictating watering in weather conditions. 1. Remove the metal jumper plate that is attached over the two SEN terminals in the controller. 2. Connect one wire to one SEN terminal and the other wire to the other SEN terminal. Connecting a Hunter Solar Sync ET Sensor The X-Core is compatible with the Solar Sync and Wireless Solar Sync systems. Solar Sync is a sensor system that automatically adjusts the X-Core controller's water scheme (based on changes in local climate condition) using the 20-part Adjust feature. Connecting a Hunter Solar Sync ET Sensor Region For Accurate Solar Sync Measurements, the Controller Should Be for the average high season ET for your region. Use the table below to determine your region. The table helps you identify the type of region you live in. There are four basic regions, each with descriptions of the region, along with typical ET and temperature characteristics. Connecting a Hunter Solar Sync ET Sensor Water Adjustment Removing a Solar Sync Sensor The water adjustment is a scale of 1 to 10 that makes it possible to easily adjust the seasonal adjustment value of the Solar Sync ET Sensor. When installing the Solar Sync ET Sensor, it is recommended that the Water Adjustment setting remains the default value of 5. Connecting a Hunter Solar Sync ET Sensor Calibration/Setup After Solar Sync is installed and programmed, it is advisable to run the system for a few days at the first setting. Due to the variety in location conditions (including sensor location, amount of direct sunlight available to the sensor, reflective heat from surrounding structures, etc.), the first setting adjustment may be needed to arrive at the desired performance. Connect a Hunter Remote to a Hunter Remote (not included) The X-Core Controller is compatible with Hunter Remote Controls (not included). The SmartPort® harness (included with all Hunter Remotes) enables quick and easy use of Hunter controls. The Hunter remote controls make it possible for you to operate the system without going back and forth to the controller. 4.PROGRAMMING THE CONTROLLER The X-Core display shows the time and day when the controller is not active. The display changes when the dial is rotated to indicate the specific programming information you need to enter. When programming, the flashing part of the display can be changed by pressing the or buttons. To change something that doesn't blink, press the buttons or buttons until the field you want flashes. NOTE: A basic programming rule is that whatever symbol or character flashes, the object is programmed. PROGRAMMING THE PROGRAM Schedule The program's start time(s) set station run times 1. Turn the dial to the start time position. 1. Turn the dial to the position of Run Times. 2. The factory preset is set to program A. If necessary, select program B or C by pressing the button. START TIMES 3. Use the button or button to change the start time. (The start times go forward in 15-minute increments). 4. Press the button to move on to the next drive. PROGRAMMING CONTROLLER Selecting specific days of the week to select Water interval water 1. With the cursor on a given day (the cursor will always start with the button to activate MO), press a certain day of the week to water. Press the button to cancel the water for that day. After pressing a button, the cursor automatically to the next day. With this option you select interval water from 1 to 31 days. Mo Tu We Th Fr Sa Su 2.PROGRAMMING THE CONTROLLER Setting Event Day(s) Off System Off The X-Core allows you to program a No Water Day(s). This feature is useful for inhibiting watering on specific days(s). Brakes. For example, if you always mow the lawn on Saturday, you would designate Saturday as a No Water Day, so you don't mow wet grass. SYSTEM OFF Valves that are currently watering are turned off after the dial is rotated to the SYSTEM OFF position for two seconds. All active programs are discontinued and watering is stopped. PROGRAMMING THE CONTROLLER Seasonal Adjustment Season Adjustment is used to make global run time changes without reprograms the entire controller. To use the Seasonal Correction function: 1. Rotate the dial to the 20-0 position. 2. The display now shows a flashing number followed by a %, as well as the bar chart that always remains on the display. Press the button or to adjust the percentage of the seasonal adjustment. Each bar on the chart represents 10%. THE MANUAL PROGRAMMING CONTROLLER Run a Single Station One Touch Manual Start and Advance 1 1. Rotate the dial to MANUAL – ONE STATION position. 2. The drive's run-time flashes in the display. Use the button to get to the drive you want. You use the or button to select the amount of time for a drive to water. MANUAL-ONE STATION You also activate all stations to the water without using the dial. 13.Advanced Features Programmable Sensor Override Test Program or All Stations The X-Core allows the user to program the controller, so that the sensor only turns off the spraying at only desired stations. For example, patio gardens that have pots under overhangs and roofs cannot receive water when it rains and will continue to be watered during periods of rain. To override sensor programming: The X-Core allows the user to use a simplified method to run a test program. Advanced Easy Retrieve™ Program Memory Programmeble Delay Between Stations The X-Core is able to store the desired water program in memory for retrieval at a later date. This feature provides a quick way to reset the controller to the original programmed water scheme. This feature allows the user to insert a delay between drives between one drive that is turned off and the next drive is turned on. To store the program in memory 1.TROUBLESHOOTING GUIDE Problem Causes Solutions The controller is continuously watering Too many start times are programmed Only one start time is needed to activate a program (see Setting the program's start times on page 18) There is no display Check the AC Wiring Correct errors The display reads No WISSELcurrent There is no alternating current present (the controller does not receive power) to see if the transformer receives any power is properly installed The rain sensor interrupts irrigation or thTROUBLESHOOTING GUIDE Problem Causes Solutions Display shows a drive running, but the and icons flash The sensor interrupts irrigation, but the drive is programmed to override the sensor Check the sensor override status (see page page page Automatic irrigation does not start at start time and the controller is not in System Off mode • AM/PM of the start time not set correctly • Start time is turned off (set to Off) • Controller is not receTROUBLESHOOTING GUIDE Problem causes solutions Season correction seems high • Region too low • Water adjustment setting too high Reduce the value of the Water Adjustment setting. If you minimize the water adjustment scale to 1 and still require reduced seasonal adjustment, you'll go one region (for example, from 2 to 3) and start at water adjustment setting 5. Solar Sync will immediately update the Seasonal Pass on the Controller.Specifications Operational specifications Electrical specifications • Station Run Times: 0 to 4 hours in 1 minute increments • • 3 Independent water programs ransformer input 120VAC ±10% 60 Hz T (230 230 Hz THz T (230VAC ±10% 50/60 Hz International Models) • Start times: 4 per day per program for up to 12 daily starts • Transformer Output: 24VAC 1.0 amp • atering Schedule: 365-day calendar, interval watering, W odd/even watering • Station Output: 0.56 amps per station • Maximum output: 0.Certificate of conformity with the European Directives Hunter Industries states that the irrigation controller Model X-Core complies with the standards of the European Guidelines of Electromagnetic Compatibility 87/336/EEC and Low Voltage 73/23/EEC.