What will you need?

Tools you will need to install timer:
- Phillips screwdriver
- Wire strippers
- Water tight splice connectors
- Drywall anchors; optional
- Scissors
- Measuring tape
- 1/8" phillips screwdriver
- Phillips screwdriver
- Power cord
- Valve Control wire; for new systems
- Transformer; for new systems
- 3/4" drywall anchors; optional
- Water proof splice connectors
- Flat-bladed screwdriver
- HANG TIMER FIXTURE: 1/8" phillips screwdriver

Supplies not included with timer:
- Valve Control wire: for new systems
- Transformer: for new systems
- Phillips screwdriver
- Water tight splice connectors
- Drywall anchors; optional
- Transformer: for new systems
- Power cord
- Valve Control wire; for new systems
- 3/4" drywall anchors; optional
- Water proof splice connectors
- Flat-bladed screwdriver
- HANG TIMER FIXTURE: 1/8" phillips screwdriver

Connecting the Valve Wires: Common

Connect all wires to common terminals on timer.

USER TIP:
- Use watertight splice connectors to prevent corrosion and avoid short circuits.

Connecting the Valve Wires: Control

Included only on select models

1. Remove the jumper wire from the Rain Sensor terminals.
2. Connect both Rain-Delay Sensor wires to the terminals marked RAIN SENSOR.

USER TIP:
- Do not remove the wire jumper unless you are installing a Rain Sensor.
- Replace the wire jumper after testing the timer.

Connecting the Valve Wires: Control Wire Connection

1. Connect the second wire on each valve to the control cable, connect only one wire to each valve.
2. Connect the other end of the wire to the desired zone on the Timer (1, 2, 3, or 4).

System Check Out

1. Turn the dial to the ZONE you wish to test and press WATER NOW.
2. The ZONE will start watering for a default 10 minutes.
3. Use the Up/Down arrow to adjust the time.
4. To stop watering before the time is up, turn dial.
5. Repeat set on ZONE until all zones have been checked.

USER TIP:
- If you decide not to use a Rain Sensor with the timer, leave the wire jumper in place and connect the station valves to the master valve or PUMP START RELAY.
- Connect both Rain-Delay Sensor wires to the terminals marked RAIN SENSOR.

To make sure each system is functioning properly, cycle through each ZONE using the WATER NOW feature:

USER TIP:
- Do not remove the wire jumper unless you are installing a Rain Sensor.
- Replace the wire jumper after testing the timer.

Mounting your Timer to the wall

Mounting Timer to wall

1. Drive a screw into the wall, leaving 1/8" gap between head and wall. (May also use supplied wall anchors if necessary)
2. Hang Timer on exposed screw
3. Remove access cover at bottom of Timer and slide a screw through the center hole in wall.

USER TIP:
- Do not install the Transformer until you have completed and checked all wiring connections. Also, do not attempt to link two or more timers together with a single transformer.

Changing Timer location

1. Locate a spot indoors for your Timer.
2. Locate Timer so that it is convenient to run control wires.
3. Locate Timer within 6 ft of an AC power outlet.
4. Locate Timer at least 15 feet away from major appliances and air conditioners.

Tools you will need to install timer:
- Phillips screwdriver
- Wire strippers
- Water tight splice connectors
- Drywall anchors; optional
- Transformer: for new systems
- Power cord
- Valve Control wire; for new systems
- 1/8" phillips screwdriver
- Phillips screwdriver
- Power cord
- Valve Control wire; for new systems
- 3/4" drywall anchors; optional
- Water proof splice connectors
- Flat-bladed screwdriver
- HANG TIMER FIXTURE: 1/8" phillips screwdriver

Mounting Timer to wall

1. Drive a screw into the wall, leaving 1/8" gap between head and wall. (May also use supplied wall anchors if necessary)
2. Hang Timer on exposed screw
3. Remove access cover at bottom of Timer and slide a screw through the center hole in wall.

USER TIP:
- Do not remove the wire jumper unless you are installing a Rain Sensor.
- Replace the wire jumper after testing the timer.

Connecting the Power Cord

Connect the color-coded “hot” wire from the Master Valve or Pump Start Relay to the Timer terminal marked MASTER INLET VALVE.

Connect the common wire from the Master Valve or Pump Start Relay to the Timer terminal marked COMMON.

To avoid possible pump damage, connect a short “ jumper” wire from any unused station terminal(s) to the nearest active terminal on the timer.

Connecting the Power Cord

1. Connect transformer to wall outlet.
2. Attach connector to 24VAC pins.
3. Plug transformer into wall outlet.

USER TIP:
- Master Valve or Pump Start Relay

Connect the transformer to the pump control relay, not the control panel, of the pump.

Connecting the Power Cord

1. Connect transformer to wall outlet.
2. Attach connector to 24VAC pins.
3. Plug transformer into wall outlet.

USER TIP:
- Master Valve or Pump Start Relay

Connect the transformer to the pump control relay, not the control panel, of the pump.

Connecting the Power Cord

1. Connect transformer to wall outlet.
2. Attach connector to 24VAC pins.
3. Plug transformer into wall outlet.

USER TIP:
- Master Valve or Pump Start Relay

Connect the transformer to the pump control relay, not the control panel, of the pump.

Connecting the Power Cord

1. Connect transformer to wall outlet.
2. Attach connector to 24VAC pins.
3. Plug transformer into wall outlet.

USER TIP:
- Master Valve or Pump Start Relay

Connect the transformer to the pump control relay, not the control panel, of the pump.

Connecting the Power Cord

1. Connect transformer to wall outlet.
2. Attach connector to 24VAC pins.
3. Plug transformer into wall outlet.

USER TIP:
- Master Valve or Pump Start Relay

Connect the transformer to the pump control relay, not the control panel, of the pump.
What will you need?
- Connecting Rain Sensor

5a

Connecting the Valve Wires: Common
- Connect all wires to common terminals on timer.
- Connect one wire from each valve together with watertight splice connectors; connect only one valve to each wire.
- Connect the other end of the wire to the desired zone control cable; connect only one valve to each wire.

USER TIP:
- Common Wire Connection

7a

Connecting the Valve Wires: Control
- Connect the second wire on each valve to a wire on the control cable, connect only one valve to each wire.
- Connect the other end of the wire to the desired zone on the Timer (1, 2, 3, 4). Each numbered wire corresponds to the same number zone when programming timer.

5b

Connecting Rain Sensor
- Remove the jumper wire from the Rain Sensor terminals.
- Wire strippers
- Hammer
- Hammer
- Wire strippers
- Drywall anchors; optional

To save water and money, you can also install a rain sensor, such as Rain Bird’s RS-1 Rain Shut Off. A rain sensor measures rainfall and cuts off water to sprinklers when it is raining. Do not remove or install the wire jumper while sensor is connected.

The SST Timer is for INDOOR use only. If you must install it outdoors, use a weather-resistant cabinet, such as the Rain Bird Model TC-2 Timer Cabinet. The SST 600 Series Timers are programmed in minutes, not hours, that help you control any irrigation job to your exact time. It is not necessary to control one valve at a time.

Tools you will need to install timer
- Phillips screwdriver
- Wire strippers
- Wrench

Connecting the Power Cord
- Attach connector to 24VAC pins.
- Plug transformer into wall socket.

DO NOT plug in the transformer until you have completed and checked all wiring connections. Also, do not attempt to link two or more timers together with a single transformer.

Mounting your Timer to the wall
- Mount the control panel to the wall using 4 screws (number of screws vary by model). The ZONE will start watering for a default of 8 minutes. If you decide not to use a Rain Sensor with the timer, leave the wire jumper in place that connects the 2 terminals; timer will not work if wire jumper is removed and sensor is not connected.

- The SST Series Timers can be used with most outdoor irrigation valves. Please refer to the valve owner’s manual for more information. 220VAC motors require a 24VAC dry contact connection. Each timer will control only one valve. If you are using more than one timer, it is recommended to use a Pump Start Relay to operate additional valves. This timer can control from 1 to 6 valves, depending on the number of stations and the number of valves in use. Wire strippers
- Hammer
- Drywall anchors; optional

Supplies not included with timer
- Valve Control wires for new systems (18 gauge wire rated, suitable for 24 VAC control). 10 gauge for use with 2 HP 120 VAC motors.
- Water tight splice connectors
- Drywall anchors; optional

Precautions
- Do not plug in the transformer until after connecting all wiring connections. Also, do not attempt to link two or more timers together with one transformer. A Pump Start Relay would connect a short “jumper” wire from any unused station terminals to the master valve or pump start relay; this example shows what a Master Valve or Pump Start Relay connection would look like. This Timer does not provide the main power for a pump.

Mounting the Transformer
- Plug transformer into wall socket. This Timer does not provide the main power for a pump.

System Check Out
- To make sure each system is functioning properly, cycle through each ZONE using the WATER NOW feature:
- Turn the dial to the ZONE you wish to test and press WATER NOW.
- This ZONE will start watering for a default 10 minutes.
- Use the Up/Down arrows to adjust the time.
- To stop watering, press the timer in or turn dial.
- Repeat set each ZONE until all zoning has been checked.

Troubleshooting
- If you decide not to use a Rain Sensor with the timer, leave the wire jumper in place and connect controller to the Timer input terminals. (Number of Zones vary by Timer Model)

USER TIP:
- Hammer
- Water tight splice connectors
- Hands free

Water Source

Locate timer at least 15 feet away from major appliances and air conditioners.

- Water tight splice connectors
- Hands free

- Hammer
- Water tight splice connectors
- Hands free
What will you need?

Supplies not included with timer

- Valve Control cables for new systems (18-gauge-vinyl-coated, multi-strand, stranded wire) for runs less than 800 feet. 14-gauge for runs greater than 800 feet. 12-gauge conductor plus two wires for runs greater than 1 mile.
- Water light splice connectors
- Duplex anchors, optional

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Hammer
- Water tight splice connectors
- Valve Control wire; for new systems
- Transformer, for new systems

What is an Automatic Sprinkler System?

Indoor-only timer to outdoor use.

Please use a weatherproof cabinet, such as the Rain Bird Model TC-2 Timer Cabinet. The SST Timer is for INDOOR use only. If you must install it outdoors, use a water-resistant cabinet, such as Rain Bird’s RS-1 Rain Shut Off. A rain sensor measures rainfall and prevents unnecessary watering.

Tools you will need to install

- Hammer
- Wire strippers
- Phillips screwdriver
- Water tight splice connectors
- Valve Control wire; for new systems
- Transformer, for new systems

System Check Out

Repeat on next ZONE.

To make sure each system is functioning properly, cycle through each ZONE using the WATER NOW feature:

1. Turn the dial to the ZONE you wish to test and press WATER NOW.
2. The ZONE will start watering for a default 10 minutes.
3. Use the Up/Down arrows to adjust the time.
4. To stop watering before the time is up, turn dial.
5. Repeat set all ZONE until all have been checked.

Choosing Timer location

- Locate a spot indoors for your Timer.
- Locate Timer so that it is convenient to run control wires.
- Locate Timer within 5 feet of an AC power outlet.
- Locate Timer at least 15 feet away from major appliances and air conditioners.

Mounting your Timer to the wall

1. Turn a screw into the wall, leaving a 1/8” gap between head and wall. (May also use supplied wall anchors if necessary.)
2. Hang Timer on exposed screw.
3. Remove excess cover from bottom of Timer and allow a screw through the center hole into wall.

Mounting the Power Cord

1. DO NOT plug in the transformer until you have completed and checked all wiring connections. Also, do not attempt to link two or more timers together with a single transformer.

Connecting the Power Cord

1. Connect the color-coded “hot” wires from the Master Valve or Pump Start Relay to the Timer terminal marked MASTER/IMMITS VALVE.
2. Connect the common wires from the Master Valve or Pump Start Relay to the Timer terminal marked COMMON.

To avoid possible pump damage, pass the “hot” pump wire from any unused station terminal to the terminal marked pump start relay. For example, if you have a three-station pump with only 4 stations in use, route stations 4-5-6 to the unused active station (in this case, 4).

Choosing a Transformer

1. The SST Series Timers require a transformer rated at 24 volts, 20 watts minimum. The total draw of the Master Valve or Pump Start Relay (plus the draw of the Master Valve or Pump Control Relay, if used) must not exceed 20 watts.

To use more than one timer, you must also install a Pump Control Relay, such as Rain Bird’s P20.1. The P20.1 can distribute current (12-Volt or 24-Volt) to 20 timers, depending on the number of timers you want to use.

Locate your timer to a safe distance away from your main power for a pump.

 Locally, you may have to check your local laws about installing a timer or pump start relay. Check with local and state electrical codes for proper installation. A Pump Start Relay would connect

- Water Source

Master Valve or Pump Start Relay

1. Connect the color-coded “hot” wires from the Master Valve or Pump Start Relay to the Timer terminal marked MASTER/IMMITS VALVE.
2. Connect the common wires from the Master Valve or Pump Start Relay to the Timer terminal marked COMMON.

To avoid possible pump damage, pass the “hot” pump wire from any unused station terminal to the terminal marked pump start relay. For example, if you have a three-station pump with only 4 stations in use, route stations 4-5-6 to the unused active station (in this case, 4).

Connecting the Valve Wires: Control

Included only on select models

1. Remove the jumper wire from the Rain Sensor terminals.
2. Connect both Rain Delay Sensor wires to the terminals marked RAIN SENSOR.

Locate Timer at least 15 feet away from major appliances and air conditioners. The SST Timer is for INDOOR use only. If you must install it outdoors, use a water-resistant cabinet, such as the Rain Bird Model TC-2 Timer Cabinet. The SST Timer is for INDOOR use only. If you must install it outdoors, use a water-resistant cabinet, such as the Rain Bird Model TC-2 Timer Cabinet. The SST Timer is for INDOOR use only. If you must install it outdoors, use a water-resistant cabinet, such as the Rain Bird Model TC-2 Timer Cabinet.
What is an Automatic Sprinkler System?

To save water and money, you can also install a rain sensor, such as Rain Bird’s RS-1 Rain Shut Off. A rain sensor measures rainfall and avoids starting or stopping the sprinkler system. If you decide not to use a rain sensor, leave the wire jumper in place. (Refer to page 1.)

Choosing Timer Location

- Locate a spot indoors for your Timer.
- Locate Timer so that it is convenient to run control wires.
- Locate Timer within 5 feet of 120-240V power outlet.
- Locate Timer at least 15 feet away from major appliances and air conditioners.

Mounting your Timer to the wall

1. Drill a screw hole in the wall, leaving 1/8” gap between head and well. (May also use supplied wall anchors if necessary.)
2. Hang Timer on exposed screw.
3. Remove access cover at bottom of Timer and slide a screw through the center hole into wall.

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Diagonal pliers
- Power drill
- Hammer
- Wire connectors (splice, screw, or compression type)
- Drywall anchors; optional

Connecting the Valve Wires

Included only on select models

1. Remove the jumper wire from the Rain Sensor terminals.
2. Connect both Rain Delay Sensor wires to the terminals marked RAIN SENSOR.
3. To make sure each system is functioning properly, cycle through each ZONE using the WATER NOW feature:
   - Turn the dial to the ZONE you wish to test and press WATER NOW.
   - The ZONE will start watering for a default 10 minutes.
   - Use the Up/Down arrows to adjust the time.
   - Stop watering before the time is up, turn dial.
   - Repeat set each ZONE until all have checked.

Power Cord Connection

1. Attach connector to 24VAC pins.
2. Plug transformer into wall socket.

USER TIP:

A Pump Start Relay would connect PUMP START Relay to the Timer terminal marked MASTER IN/OUT VALVE.

Connect the common wire from the Master Valve or Pump Start Relay to the Timer terminal marked COMMON.

To avoid possible pump damage, connect a short “jumper” wire from any unused station terminal to the nearest active terminal on the timer.

This example shows what a Master Valve connection would look like.

The SST Series Timers can be used with most hydro-indexing valves. Please refer to valve manufacturer’s instructions for more information. SST-3 models can accommodate up to 8 valves.

To wire your valves to the Timer:

1. Connect the color-coded “hot” wire from the Master Valve or Pump Start Relay to the Timer terminal marked MASTER IN/OUT VALVE.
2. Connect the common wire from the Master Valve or Pump Start Relay to the Timer terminal marked COMMON.

USER TIP:

Make sure that the connection terminals on the Timer are marked "+" and "-". Depending on the valve type, the terminals may be labeled as "hot" and "cold" or "live" and "neutral".

Connecting the Valve Wires: Control

Included only on select models

Connect one wire from each valve to the Timer valve control ports. Connect the valve wire to the terminal marked COMMON. Connect the second wire on each valve to the terminal marked MASTER VALVE.

Dimensions for the SST-3 Timers:

- Station duration: 1–8 stations x 5 minutes
- Maximum number of stations: 8
- Maximum number of times per day: 12
- Maximum number of zones per day: 15
- Maximum number of valves per zone: 1
- Maximum number of zones per product (on select models): 8

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Diagonal pliers
- Power drill
- Hammer
- Wire connectors (splice, screw, or compression type)
- Drywall anchors; optional

Connecting the Valve Wires: Common

Included only on select models

Connect the other end of the wire to the desired zone control cable; connect only one valve to each wire.

Connect both Rain Delay Sensor wires to the terminals marked RAIN SENSOR. These sensors control watering and prevent unnecessary watering.

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Diagonal pliers
- Power drill
- Hammer
- Wire connectors (splice, screw, or compression type)
- Drywall anchors; optional

Connecting the Valve Wires

Included only on select models

Zone 1

Zone 2

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Diagonal pliers
- Power drill
- Hammer
- Wire connectors (splice, screw, or compression type)
- Drywall anchors; optional

Controlling Sprinkler Zone

Included only on select models

- Zone 1
- Zone 2
- Zone 3
- Zone 4

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Diagonal pliers
- Power drill
- Hammer
- Wire connectors (splice, screw, or compression type)
- Drywall anchors; optional

Connecting the Valve Wires: Control

Included only on select models

Connect the second wire on each valve to a wire on the control cable; connect only one valve to each wire.

Connect the other end of the wire to the desired zone control cable; connect only one valve to each wire.

Included only on select models

Connect both Rain Delay Sensor wires to the terminals marked RAIN SENSOR. These sensors control watering and prevent unnecessary watering.

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Diagonal pliers
- Power drill
- Hammer
- Wire connectors (splice, screw, or compression type)
- Drywall anchors; optional

Connecting the Valve Wires: Common

Included only on select models

Connect one wire from each valve to the Timer valve control ports. Connect the valve wire to the terminal marked COMMON. Connect the second wire on each valve to the terminal marked MASTER VALVE.

Dimensions for the SST-3 Timers:

- Station duration: 1–8 stations x 5 minutes
- Maximum number of stations: 8
- Maximum number of times per day: 12
- Maximum number of zones per day: 15
- Maximum number of valves per zone: 1
- Maximum number of zones per product (on select models): 8

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Diagonal pliers
- Power drill
- Hammer
- Wire connectors (splice, screw, or compression type)
- Drywall anchors; optional

Connecting the Valve Wires

Included only on select models

Zone 1

Zone 2

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Diagonal pliers
- Power drill
- Hammer
- Wire connectors (splice, screw, or compression type)
- Drywall anchors; optional

Controlling Sprinkler Zone

Included only on select models

- Zone 1
- Zone 2
- Zone 3
- Zone 4

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Diagonal pliers
- Power drill
- Hammer
- Wire connectors (splice, screw, or compression type)
- Drywall anchors; optional

Connecting the Valve Wires: Control

Included only on select models

Connect the second wire on each valve to a wire on the control cable; connect only one valve to each wire.

Connect the other end of the wire to the desired zone control cable; connect only one valve to each wire.

Included only on select models

Connect both Rain Delay Sensor wires to the terminals marked RAIN SENSOR. These sensors control watering and prevent unnecessary watering.

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Diagonal pliers
- Power drill
- Hammer
- Wire connectors (splice, screw, or compression type)
- Drywall anchors; optional

Connecting the Valve Wires: Common

Included only on select models

Connect one wire from each valve to the Timer valve control ports. Connect the valve wire to the terminal marked COMMON. Connect the second wire on each valve to the terminal marked MASTER VALVE.

Dimensions for the SST-3 Timers:

- Station duration: 1–8 stations x 5 minutes
- Maximum number of stations: 8
- Maximum number of times per day: 12
- Maximum number of zones per day: 15
- Maximum number of valves per zone: 1
- Maximum number of zones per product (on select models): 8

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Diagonal pliers
- Power drill
- Hammer
- Wire connectors (splice, screw, or compression type)
- Drywall anchors; optional

Connecting the Valve Wires

Included only on select models

Zone 1

Zone 2

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Diagonal pliers
- Power drill
- Hammer
- Wire connectors (splice, screw, or compression type)
- Drywall anchors; optional

Controlling Sprinkler Zone

Included only on select models

- Zone 1
- Zone 2
- Zone 3
- Zone 4

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Diagonal pliers
- Power drill
- Hammer
- Wire connectors (splice, screw, or compression type)
- Drywall anchors; optional

Connecting the Valve Wires: Control

Included only on select models

Connect the second wire on each valve to a wire on the control cable; connect only one valve to each wire.

Connect the other end of the wire to the desired zone control cable; connect only one valve to each wire.

Included only on select models

Connect both Rain Delay Sensor wires to the terminals marked RAIN SENSOR. These sensors control watering and prevent unnecessary watering.

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Diagonal pliers
- Power drill
- Hammer
- Wire connectors (splice, screw, or compression type)
- Drywall anchors; optional

Connecting the Valve Wires: Common

Included only on select models

Connect one wire from each valve to the Timer valve control ports. Connect the valve wire to the terminal marked COMMON. Connect the second wire on each valve to the terminal marked MASTER VALVE.

Dimensions for the SST-3 Timers:

- Station duration: 1–8 stations x 5 minutes
- Maximum number of stations: 8
- Maximum number of times per day: 12
- Maximum number of zones per day: 15
- Maximum number of valves per zone: 1
- Maximum number of zones per product (on select models): 8

Tools you will need to install timer

- Phillip...
What will you need?

- Connecting Rain Sensor
- Mounting your Timer to the wall
- Supplies not included with timer

Connect the Valve Wires: Common

- Connect one wire from each valve together with watertight splice connectors; either valve wire will work.
- The SST Series Timers can be used with most hydro-indexing valves. Please connect each valve wire to its own terminal. Do not share “common” wires between them. The common terminals on the SST Series Timers are not connected to any valve wires.

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Optional: T-Connector

Connecting the Valve Wires: Control

- Connect the wire that will go to the “L” terminal on each zone valve.
- Connect the control signal to the “C” terminal on each zone valve.
- The SST Series Timers will accommodate the following:
  - Single zone valves
  - 2” multi-valve heads
  - 3-valve heads
  - 4-valve heads

Connecting Rain Sensor

- Connect both Rain Delay Sensor wires to the terminals marked “RAIN SENSOR.”
- When the sensor contacts are open, the timer is in normal programming mode.
- When the sensor contacts are closed, the timer is in programming mode.

System Check Out

- Press WATER NOW to test the system.
- Press the zone you wish to test and press WATER NOW. The selected zone will operate for 10 minutes.
- To stop watering before the time is up, turn dial.
- If you make sure each system is functioning properly, cycle through each ZONE using the WATER NOW feature.

Choosing Timer location

- Locate a spot indoors for your Timer.
- Locate Timer so that it is convenient to run control wires.
- Locate Timer within 6 feet of a 4AC power outlet.
- Locate Timer at least 15 feet away from major appliances and air conditioners.

Mounting your Timer to the wall

- Drive a screw into the wall, leaving 1-3/8” gap between head and wall. (May also use supplied wall anchors if necessary.)
- Hang Timer on exposed screw.
- Secure access cover at bottom of Timer and drive a screw through the center hole into wall.

Connecting the Power Cord

- Plug transformer into wall socket.
- Connect control relay to 24VAC pins.
- Attach connector to 24VAC pins.

Tools you will need

- Screwdriver
- Phillips head screwdriver
- Wire strippers
- Wire cutter
-锤子
- 水管剪刀

Resources

- Rain Bird’s RS-1 Rain Shut Off
- Rain Bird’s PCR-1 Pump Control Relay
- Rain Bird’s PC-1. The PCR-1 can also be used with 24VAC or 12VAC wall switch wires.

Supplies not included with timer

- 18 gauge wire-coded multi-strand, 100 feet. 18 gauge wire for 30 foot lines or less.
- Water tight splice connectors

Mounting your Timer to the wall

- Drive a screw into the wall, leaving 1-3/8” gap between head and wall. (May also use supplied wall anchors if necessary.)
- Hang Timer on exposed screw.
- Secure access cover at bottom of Timer and drive a screw through the center hole into wall.

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Optional: T-Connector

Connecting the Valve Wires: Common

- Connect one wire from each valve together with watertight splice connectors; either valve wire will work.
- The SST Series Timers can be used with most hydro-indexing valves. Please connect each valve wire to its own terminal. Do not share “common” wires between them. The common terminals on the SST Series Timers are not connected to any valve wires.

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Optional: T-Connector

Connecting the Valve Wires: Control

- Connect the wire that will go to the “L” terminal on each zone valve.
- Connect the control signal to the “C” terminal on each zone valve.
- The SST Series Timers will accommodate the following:
  - Single zone valves
  - 2” multi-valve heads
  - 3-valve heads
  - 4-valve heads

Connecting Rain Sensor

- Connect both Rain Delay Sensor wires to the terminals marked “RAIN SENSOR.”
- When the sensor contacts are open, the timer is in normal programming mode.
- When the sensor contacts are closed, the timer is in programming mode.

System Check Out

- Press WATER NOW to test the system.
- Press the zone you wish to test and press WATER NOW. The selected zone will operate for 10 minutes.
- To stop watering before the time is up, turn dial.
- If you make sure each system is functioning properly, cycle through each ZONE using the WATER NOW feature.

Choosing Timer location

- Locate a spot indoors for your Timer.
- Locate Timer so that it is convenient to run control wires.
- Locate Timer within 6 feet of a 4AC power outlet.
- Locate Timer at least 15 feet away from major appliances and air conditioners.

Mounting your Timer to the wall

- Drive a screw into the wall, leaving 1-3/8” gap between head and wall. (May also use supplied wall anchors if necessary.)
- Hang Timer on exposed screw.
- Secure access cover at bottom of Timer and drive a screw through the center hole into wall.

Connecting the Power Cord

- Plug transformer into wall socket.
- Connect control relay to 24VAC pins.
- Attach connector to 24VAC pins.

Tools you will need

- Screwdriver
- Phillips head screwdriver
- Wire strippers
- Wire cutter
- 坚实锤子
- 水管剪刀

Resources

- Rain Bird’s RS-1 Rain Shut Off
- Rain Bird’s PCR-1 Pump Control Relay
- Rain Bird’s PC-1. The PCR-1 can also be used with 24VAC or 12VAC wall switch wires.

What will you need?

- Tools you will need to install timer:
  - Phillips screwdriver
  - Wire strippers
  - Hammer
  - Drywall anchors; optional

- Supplies not included with timer:
  - Valve Control wire; for new systems
  - Valve Control wire; for existing systems
  - Hammer
  - Valve Control wire
  - Wire strippers
  - Phillips screwdriver

- Included only on select models:
  - Master Valve or Pump Start Relay
  - Valve Control switch
  - Control Relay
  - Rain Sensor

Mounting your Timer to the wall

1. Turn the dial to the ZONE you wish to test and press WATER NOW.
2. The ZONE will start watering for a default 10 minutes.
3. Use the Up/Down arrows to adjust the time.
4. To stop watering before the time is up, turn the dial.
5. Repeat until all have been checked.
6. Set the dial to WATERING and press ZONE 5–6 to the nearest active station.
7. If you provide an external Rain Sensor with the timer, leave the wire terminal open to allow water to drain properly. If there are more than one external sensor, connect them in parallel to a master sensor (MSTR) VALVE.
8. Connect the master sensor terminal to the Timer terminal marked COMMON.
9. This wire connects to the Timer terminal marked COMMON.
10. A Pump Start Relay would connect the color-coded “hot” wire from the Master Valve or Pump Start Relay to the Timer terminal marked MASTER START RELAY.

Choosing Timer location

- Locate a spot in your yard to install your Timer.
- Locate Timer on or near a building.
- Locate Timer within 5 ft of an AC power outlet.
- Locate Timer at least 15 ft away from major appliances and air conditioners.

Connecting the Valve Wires: Control

Connect the second wire on each valve to a wire on the control cable, connect only one wire to each valve.

Connecting the Valve Wires: Common

Connect all wires to common terminals on timer.

Tools you will need to install timer

- Phillips screwdriver
- Wire strippers
- Hammer
- Drywall anchors; optional

System Check Out

To make sure each system is functioning properly, cycle through each ZONE using the WATER NOW feature:

Connecting the Power Cord

1. Connect the color-coded “hot” wire from the Master Valve or Pump Start Relay to the Timer terminal marked MASTER START RELAY.
2. Connect the common wire from the Master Valve or Pump Start Relay to the Timer terminal marked MSTR.
3. A Pump Start Relay would connect the color-coded “hot” wire from the Master Valve or Pump Start Relay to the timer terminal marked COMMON.
4. To avoid possible pump damage, pass a short “jumper” wire from any unused station terminal(s) to the nearest active station terminal(s). In case of an emergency, pass a short “jumper” wire from any unused station terminal(s) to the nearest active station terminal(s).

Mounting the Timer to the wall

1. Mounting the Timer to the wall.
2. Drive a screw into the wall, leaving 0.5” gap between head and wall. (May also use supplied wall anchors if necessary)
3. Hang Timer on exposed screw.
4. Remove access cover at bottom of Timer and allow a screw through the center hole into wall.

Connecting Valve Wires

Common Wire Connection

- Install one wire from each valve together with water-resistant connectors; after valve wire will work.
- Do not install more than one valve wire to each terminal.
- Wiring more than one valve wire to each terminal will damage the timer.
- Also, if you are using more than one timer, do not connect more than one valve wire to each terminal. Wiring more than one valve wire to each terminal will damage the timer. Also, if you are using more than one timer, do not connect more than one valve wire to each terminal.

Control Wire Connection

- Install one wire from each valve to a wire on the control cable, connect only one wire to each wire.
- Connect all wires to common terminals on Timer.
- Do not install more than one valve wire to each terminal.

USER TIP:

- Hammer
- Wire strippers
- Phillips screwdriver
- Drywall anchors; optional

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Rain Bird Corporation

P.O. Box 1956
Tucson, AZ 85706

Customer Service Center

Rain Bird Corporation Consumer Products Division

USER TIP:

- Hammer
- Wire strippers
- Phillips screwdriver
- Drywall anchors; optional

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Rain Bird Corporation

P.O. Box 1956
Tucson, AZ 85706

Customer Service Center
What will you need?

Supplies not included with timer:

- Valve Control wire (for new systems: 18 gauge color coded, multi-strand, dual jacket wire; for existing systems: 24 to 26 AWG winch pump wire)
- Water tight splice connectors
- Phillips screwdriver
- Wire strippers
- Snap-on wrenches, optional

Tools you will need to install timer:

- Phillips screwdriver
- Wire strippers
- Snap-on wrenches, optional

Connecting the Valve Wires: Common

Connect all wires to common terminals on timer.

Connecting the Valve Wires: Control

Connect the second wire on each valve to a wire on the control cable; connect only one valve to each wire.

Connecting the Valve Wires: Basic

The SST Series Timers can be used with most hydro-indexing valves. Please contact the valve manufacturer for more information.

For runs less than 800 feet; 14 gauge for runs greater than 800 feet; 18 gauge color coded, multi-strand, direct-burial wire

Tools you will need to connect the valve wires to the timer:

- Wire strippers
- Snap-on wrenches, optional

Connecting the Valve Wires: Rain Sensor

Included only on select models:

- Remove the jumper wire from the Rain Sensor terminals.
- Connect both Rain Delay Sensor wires to the terminals marked RAIN SENSOR.

System Check Out

To make sure each system is functioning properly, cycle through each ZONE using the WATER NOW feature:

1. Turn the dial to the ZONE you wish to test and press WATER NOW.
2. The ZONE will start watering for a default 5-minute interval.
3. Use the Up/Down arrows to adjust the time.
4. To stop watering before the time is up, turn dial.
5. Repeat set all ZONE until all have been checked.

Choosing Timer location

- Locate a spot indoors for your Timer.
- Locate Timer so that it is convenient to run control wires.
- Locate Timer within 5 feet of an AC power outlet.
- Locate Timer at least 15 feet away from major appliances and air conditioners.

Mounting your Timer to the wall

- Drive a screw into the wall, leaving 1/8" gap between head and wall. (May also use supplied wall anchors if necessary)
- Hang Timer on exposed screw.
- Remove excess cover screw at bottoms of Timer and slide a cover through the center hole into wall.

Mounting Timer to wall

- Drive a screw into the wall, leaving 1/8" gap between head and wall. (May also use supplied wall anchors if necessary)
- Hang Timer on exposed screw.
- Remove excess cover screw at bottoms of Timer and slide a cover through the center hole into wall.

Tools you will need:

- Phillips screwdriver
- Wire strippers
- Snap-on wrenches, optional

Mounting the Power Cord

- Attach connector to 24VAC power.
- Plug transformer into wall socket.

USER TIP: Use weatherproof splice connectors to prevent corrosion and avoid short circuits.

Common Wiring Connection:

Connect one wire from each valve together with watertight splice connectors; either valve wire will work.

Control Wiring Connection:

Connect all wires to common terminals on timer.

Connecting Rain Sensor

Included only on select models:

- Remove the jumper wire from the Rain Sensor terminals.
- Connect both Rain Delay Sensor wires to the terminals marked RAIN SENSOR.

System Check Out

To make sure each system is functioning properly, cycle through each ZONE using the WATER NOW feature:

1. Turn the dial to the ZONE you wish to test and press WATER NOW.
2. The ZONE will start watering for a default 5-minute interval.
3. Use the Up/Down arrows to adjust the time.
4. To stop watering before the time is up, turn dial.
5. Repeat set all ZONE until all have been checked.

Choosing Timer location

- Locate a spot indoors for your Timer.
- Locate Timer so that it is convenient to run control wires.
- Locate Timer within 5 feet of an AC power outlet.
- Locate Timer at least 15 feet away from major appliances and air conditioners.

Mounting your Timer to the wall

- Drive a screw into the wall, leaving 1/8" gap between head and wall. (May also use supplied wall anchors if necessary)
- Hang Timer on exposed screw.
- Remove excess cover screw at bottoms of Timer and slide a cover through the center hole into wall.

Mounting Timer to wall

- Drive a screw into the wall, leaving 1/8" gap between head and wall. (May also use supplied wall anchors if necessary)
- Hang Timer on exposed screw.
- Remove excess cover screw at bottoms of Timer and slide a cover through the center hole into wall.

Tools you will need:

- Phillips screwdriver
- Wire strippers
- Snap-on wrenches, optional

Mounting the Power Cord

- Attach connector to 24VAC power.
- Plug transformer into wall socket.

USER TIP: Use weatherproof splice connectors to prevent corrosion and avoid short circuits.

Common Wiring Connection:

Connect one wire from each valve together with watertight splice connectors; either valve wire will work.

Control Wiring Connection:

Connect all wires to common terminals on timer.

Connecting Rain Sensor

Included only on select models:

- Remove the jumper wire from the Rain Sensor terminals.
- Connect both Rain Delay Sensor wires to the terminals marked RAIN SENSOR.

System Check Out

To make sure each system is functioning properly, cycle through each ZONE using the WATER NOW feature:

1. Turn the dial to the ZONE you wish to test and press WATER NOW.
2. The ZONE will start watering for a default 5-minute interval.
3. Use the Up/Down arrows to adjust the time.
4. To stop watering before the time is up, turn dial.
5. Repeat set all ZONE until all have been checked.

Choosing Timer location

- Locate a spot indoors for your Timer.
- Locate Timer so that it is convenient to run control wires.
- Locate Timer within 5 feet of an AC power outlet.
- Locate Timer at least 15 feet away from major appliances and air conditioners.

Mounting your Timer to the wall

- Drive a screw into the wall, leaving 1/8" gap between head and wall. (May also use supplied wall anchors if necessary)
- Hang Timer on exposed screw.
- Remove excess cover screw at bottoms of Timer and slide a cover through the center hole into wall.

Mounting Timer to wall

- Drive a screw into the wall, leaving 1/8" gap between head and wall. (May also use supplied wall anchors if necessary)
- Hang Timer on exposed screw.
- Remove excess cover screw at bottoms of Timer and slide a cover through the center hole into wall.

Tools you will need:

- Phillips screwdriver
- Wire strippers
- Snap-on wrenches, optional

Mounting the Power Cord

- Attach connector to 24VAC power.
- Plug transformer into wall socket.

USER TIP: Use weatherproof splice connectors to prevent corrosion and avoid short circuits.

Common Wiring Connection:

Connect one wire from each valve together with watertight splice connectors; either valve wire will work.

Control Wiring Connection:

Connect all wires to common terminals on timer.

Connecting Rain Sensor

Included only on select models:

- Remove the jumper wire from the Rain Sensor terminals.
- Connect both Rain Delay Sensor wires to the terminals marked RAIN SENSOR.

System Check Out

To make sure each system is functioning properly, cycle through each ZONE using the WATER NOW feature:

1. Turn the dial to the ZONE you wish to test and press WATER NOW.
2. The ZONE will start watering for a default 5-minute interval.
3. Use the Up/Down arrows to adjust the time.
4. To stop watering before the time is up, turn dial.
5. Repeat set all ZONE until all have been checked.

Choosing Timer location

- Locate a spot indoors for your Timer.
- Locate Timer so that it is convenient to run control wires.
- Locate Timer within 5 feet of an AC power outlet.
- Locate Timer at least 15 feet away from major appliances and air conditioners.

Mounting your Timer to the wall

- Drive a screw into the wall, leaving 1/8" gap between head and wall. (May also use supplied wall anchors if necessary)
- Hang Timer on exposed screw.
- Remove excess cover screw at bottoms of Timer and slide a cover through the center hole into wall.

Mounting Timer to wall

- Drive a screw into the wall, leaving 1/8" gap between head and wall. (May also use supplied wall anchors if necessary)
- Hang Timer on exposed screw.
- Remove excess cover screw at bottoms of Timer and slide a cover through the center hole into wall.

Tools you will need:

- Phillips screwdriver
- Wire strippers
- Snap-on wrenches, optional

Mounting the Power Cord

- Attach connector to 24VAC power.
- Plug transformer into wall socket.

USER TIP: Use weatherproof splice connectors to prevent corrosion and avoid short circuits.

Common Wiring Connection:

Connect one wire from each valve together with watertight splice connectors; either valve wire will work.

Control Wiring Connection:

Connect all wires to common terminals on timer.

Connecting Rain Sensor

Included only on select models:

- Remove the jumper wire from the Rain Sensor terminals.
- Connect both Rain Delay Sensor wires to the terminals marked RAIN SENSOR.
The SST Series Timers can be used with most hydro-indexing valves. Please consult your valve’s user manual for more information. 220 VAC Valves include over-size valve wires and will work. When wiring your SST Series timer, use only one valve wire to each terminal. Wiring more than one wire to each terminal will damage the timer. Also, if you are using more than one timer, do not share “common” wires between them. Wiring more than one valve to each controller will damage the timer. Also, if you are using more than one timer, do not share “common” wires between them.

USER TIP: Use watertight splice connectors to prevent corrosion and avoid short circuits.

Connecting Valve Wires: Common

1. Connect one wire from each valve with watertight splice connectors; after valve wire will work.
2. Connect all wires to common terminals on timer.

Connecting Valve Wires: Control

1. Connect the second wire on each valve to a wire on the control cable; connect only one wire to each wire.
2. Connect the other end of the wire to the desired zone control cable; connect only one valve to each wire.
3. Connect both Rain Delay Sensor wires to the terminals marked "common." This wire connects to the Timer and prevents unnecessary watering.

Choosing Timer location

- Locate a spot indoors for your Timer.
- Locate Timer so that it is connected to run control wires.
- Locate Timer within 3 feet of an AC power outlet.
- Locate Timer at least 15 feet away from major appliances and air conditioners.

Mounting Timer to wall

1. Drive a screw into the wall, leaving 1/8" gap between head and wall. (May also see supplied wall anchors if necessary.)
2. Hang Timer on exposed screw.
3. Remove excess cover screw at bottom of Timer and drive a screw though the center hole into wall.

System Check Out

1. Turn the dial to the ZONE you wish to test and press WATER NOW.
2. The ZONE will start watering for a default 10 minutes.
3. Use the Up/Down arrows to adjust the time.
4. To stop watering before the time is up, turn dial.
5. Repeat test at ZONE until all have been checked.

USER TIP: If you decide not to use a Rain Sensor with the timer, leave the wire jumper in place. timer will not start if Rain Sensor wire is removed and sensor is not connected.

Connecting Rain Sensor

1. Follow the instructions on the Rain Sensor manual for installation instructions for Rain Sensor. ON INSTALL IN DIFFERENT LOCATION AS RAIN SENSOR.
2. If you decide not to use a Rain Sensor with the timer, leave the wire jumper in place. timer will not start if Rain Sensor wire is removed and sensor is not connected.

USER TIP: If you connect both Rain Delay Sensor wires to the terminals marked "hot" at a controller, you can also install a rain sensor, such as Rain Bird’s RS-1, Rain Bird RCP-1, or rain sensor manufacturers own that provides automatic watering.

To make sure each system is functioning properly, cycle through each ZONE using the WATER NOW feature:

1. Connect the color-coded "hot" wire from the Master Valve or Pump Start Relay to the Terminal marked MASTER IN/OUT VALVE.
2. Connect the common wire from the Master Valve or Pump Start Relay to the terminal marked COMMON from the station valve. This wire connects to the Timer terminal marked COMMON.
3. To avoid possible pump damage, pass a short "jumper" wire from any unused station terminals to the nearest active terminal. Leave the wire jumper in place. (May also use supplied wall anchors if necessary.)
4. Using a station valve with only 4 stations or 4 zones, route stations 5-6 to the nearest active station (in this case, 5).

E1-500 Series Timers allow a master station (in this case, 4) to control up to 5-6 to the nearest active station (in this case, 5).

USER TIP: Make sure that the Master Valve or Pump Start Relay plus the zone of the valve does not exceed 2000 ft. The SST 600 Series Timer can be used with a Master Valve or Pump Start Relay to the Timer terminal marked MASTER IN/OUT VALVE. This Timer does not provide the total draw of the Master Valve or Pump Start Relay in this case.

Connecting the Power Cord

1. Attach connector to 240VAC pins.
2. Plug transformer into wall socket.

DO NOT plug in the transformer until you have completed and checked all wiring connections. Also, do not attempt to link two or more timers together with a single transformer.
What will you need?

Supplies not included with timer:

- Valve Control wires: for new systems: 18-gauge wire; conduit; conduit wire, box, and electrical tape, 24VAC transformer for 1 or more timers, 24VAC controller, such as Rain Bird’s PCR-1. The PCR-1 can activate most Control Relays, such as Rain Bird’s Control Relay, such as Rain Bird’s PCR-1. The PCR-1 can activate most Control Relays. The PCR-1 can activate most Control Relays, such as Rain Bird’s Control Relay.

- Valve control wires: for new systems: 18-gauge wire; conduit; conduit wire, box, and electrical tape, 24VAC transformer for 1 or more timers, 24VAC controller, such as Rain Bird’s PCR-1. The PCR-1 can activate most Control Relays, such as Rain Bird’s Control Relay.

- Water timer control

- Philips screwdriver

- Wire strippers

- Do not

- Drywall anchors; optional

- Mounting Kit: Rain Bird’s Mounting Kit includes wall anchors and instructions. Mounting the Timer to wall: Drive a screw into the wall, through each ZONE using the WATER NOW feature:

- Locate Timer at least 15 feet away from major appliances.

- Locate Timer within 5 feet of an AC power outlet.

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- Locate Timer within 5 feet of an AC power outlet.
1. Mounting your Timer to the wall

- Locate a spot indoors for your Timer.
- Locate Timer so that it is convenient to run control wires.
- Locate Timer within 5 feet of a 4C power outlet.
- Locate Timer at least 15 feet away from major appliances and air conditioners.

2. Connecting the Valve Wires: Control

- Valve Control wiring schematic is found on page 11.
- Follow the schematic to connect the valve control wires correctly.
- Ensure that each valve is connected to the correct terminal(s).

3. Connecting the Valve Wires: Common

- Connect all wires to common terminals on timer.
- Connect one wire from each valve together with watertight splice connectors.

4. Connecting Rain Sensor

- This Timer does not provide the built-in Rain Sensor function.
- An external Rain Sensor can be connected to the Timer for automatic rain shutoff.

5. System Check Out

- To make sure each system is functioning properly, cycle through each ZONE using the WATER NOW feature:
  - Turn the dial to the ZONE you wish to test and press WATER NOW.
  - The ZONE will start watering for a default 10 minutes.
  - Use the Up/Down arrows to adjust the time.
  - To stop watering before the time is up, turn dial.
  - Repeat set all ZONE until all have been checked.

6. Connecting the Power Cord

- DO NOT plug in the transformer until you have completed and checked all wiring connections. Also, do not attempt to link two or more timers together with a single transformer.
- Connect the transformer wires to the Timer according to the schematic.

7. Choosing Timer location

- Locate a spot indoors for your Timer.
- Locate Timer so that it is convenient to run control wires.
- Locate Timer within 5 feet of a 4C power outlet.
- Locate Timer at least 15 feet away from major appliances and air conditioners.

8. Mounting Timer to wall

- Drive a screw into the wall, leaving a 1/8" gap between head and wall. (May also use supplied wall anchors if necessary)
- Hang Timer on exposed screw.
- Remove access cover at bottom of Timer to allow a screw through the center hole into wall.

9. Supplied not included with timer

- Valve Control wiring schematic for new systems.
- 18 gauge wire nutted, split-stem, insulated wire for runs less than 1000 feet.
- 18 gauge for pumps greater than 1000 feet.
- Water tight splice connectors
- Phillips screwdriver
- Wire strippers
- Hammer
- Phillips screwdriver
- Drywall anchors; optional
- Water tight splice connectors

10. Tools you will need to install timer

- Metric tool kit
- Screwdriver
- 1/8”, 1/4”, 1/2”, Phillips head, and slotted head screwdrivers
- Electric or cordless drill
- Drill bits
- Water tight splice connectors
- Wire strippers
- Hammer

11. USER TIP:

- Make sure that the timer is within 5 feet of a 4C power outlet.
- Use the Up/Down arrows to adjust the time.
- To stop watering before the time is up, turn dial.
- Repeat set all ZONE until all have been checked.

12. USER TIP:

- Do not share "common" wires between them.
- Terminal will damage the timer. Also, if you are using more than one timer, do not connect more than one valve wire to each terminal.
- Wiring more than one valve to each terminal can cause short circuits.

13. USER TIP:

- To avoid possible pump damage, prevent a short "jumper" wire from any unused station terminals to the nearest active terminal screw.
- For example, if you have a 5–6 station timer with only 4 stations in use, connect a short “jumper” wire from any unused station terminals to the nearest active terminal screw.
- This example shows what a Master Valve connection would look like.

14. USER TIP:

- If you decide not to use a Rain Sensor with the timer, leave the wire from the valve in place temporarily (for a few minutes). Then, when the rain sensor wire is removed, turn in not connected.

15. USER TIP:

- If you are activating a pump from the control wires, you will need to connect a short "jumper" wire from any unused station terminals to the nearest active terminal.
- This example shows what a Master Valve connection would look like.

16. USER TIP:

- This Timer does not provide the built-in Rain Sensor function.
- Connect the transformer wires to the Timer according to the schematic.
- The example shows what a Master Valve connection would look like.

17. USER TIP:

- If you are using a timer to control a 120– or 240–volt pump motor, follow the wiring instructions for the pump manufacturer.
- Make sure that the Pump Start Relay plus the draw of the Master Valve or Pump Start Relay plus the draw of the Master Valve or Pump Start Relay is less than the Amps at 24 VAC, 60 Hz.
- Make sure that the timer is within 5 feet of a 4C power outlet.
- Use the Up/Down arrows to adjust the time.
- To stop watering before the time is up, turn dial.
- Repeat set all ZONE until all have been checked.

18. USER TIP:

- Do Not install a Pump Control Relay, such as Rain Bird’s PBR-1. The PBR-1 can indicate over 1000 VAC or 24 VAC and could damage the Timer.
- This example shows what a Master Valve connection would look like.

19. USER TIP:

- If you are using a timer to control a 120– or 240–volt pump motor, follow the wiring instructions for the pump manufacturer.
- Make sure that the Pump Start Relay plus the draw of the Master Valve or Pump Start Relay plus the draw of the Master Valve or Pump Start Relay is less than the Amps at 24 VAC, 60 Hz.
- Make sure that the timer is within 5 feet of a 4C power outlet.
- Use the Up/Down arrows to adjust the time.
- To stop watering before the time is up, turn dial.
- Repeat set all ZONE until all have been checked.

20. USER TIP:

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