



# WeatherSmart™

## Installation & Programming Manual

RSC600i WeatherSmart



RSC600is WeatherSmartPRO



Wireless WeatherSmart  
Weather station

☎ 877.502.7952 • [raindrip.com/weathersmart](http://raindrip.com/weathersmart)

# Support

## Product Information

The model and serial numbers are located at the rear of the timer. Record these numbers in the space provided below. Have these numbers available when contacting Technical Support.

MODEL NO.: \_\_\_\_\_

SERIAL NO.: \_\_\_\_\_

## Technical Phone Support: 877-502-7952

Monday - Saturday 8:00 AM - 4:00 PM (PST)

Sunday 8:00 AM - 1:00 PM (PST)



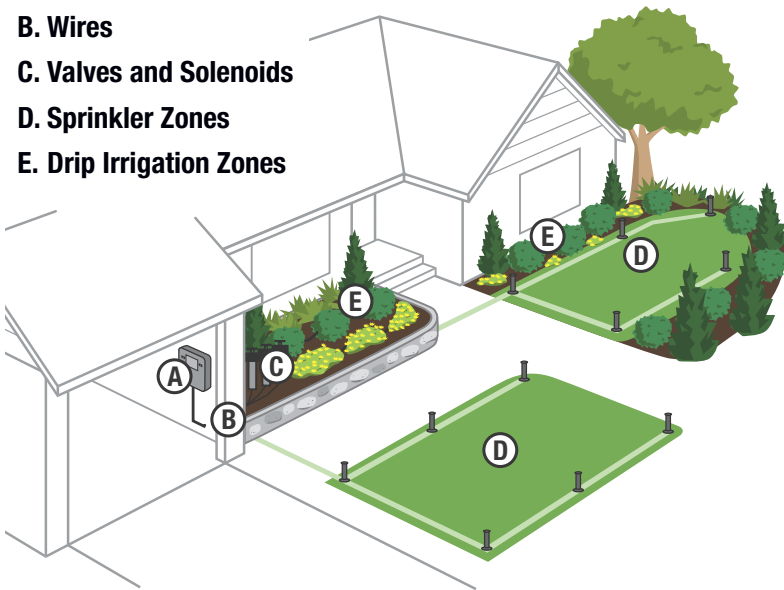
# Table of Contents

|  |       |
|--|-------|
| Irrigation System Overview .....                       | 1     |
| Package Contents .....                                 | 2     |
| WeatherSmart™ Features .....                           | 3     |
| WeatherSmartPRO™ Features .....                        | 4     |
| Timer Overview .....                                   | 5-6   |
| Installation Requirements .....                        | 7     |
| Installation: Docking Station .....                    | 8     |
| Wiring .....   | 9     |
| Dock Timer .....                                       | 10    |
| Timer Settings .....                                   | 11-12 |
| Rain Shutdown (WeatherSmartPRO™) .....                 | 13    |
| Percent Adjust .....                                   | 14    |
| Programming Watering Schedule .....                    | 15-17 |
| Programming Notes .....                                | 18    |
| Weather Station Overview (WeatherSmartPRO™) .....      | 19-20 |
| Installation: Weather Station (WeatherSmartPRO™) ..... | 21-22 |
| Auto Run (ON / SKIP / OFF) .....                       | 23    |
| Water Now .....  | 24    |
| Disabling Smart Mode .....                             | 25    |
| Rain Switch .....                                      | 26    |
| Operational Notes .....                                | 27    |
| Status Indicators .....                                | 28    |
| FAQ .....  | 29    |
| Troubleshooting .....                                  | 30    |
| Programming Aid .....                                  | 31-32 |
| Specification .....                                    | 33    |
| Warranty .....   | 34    |
| Notes .....  | 35-36 |



## Irrigation System Overview

- A. Timer
- B. Wires
- C. Valves and Solenoids
- D. Sprinkler Zones
- E. Drip Irrigation Zones



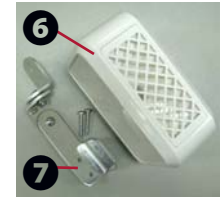
## Package Contents

### WeatherSmart™ Includes:

- ❶ Timer / Docking Station
- ❷ AC Power Supply
- ❸ Mounting Hardware
  - a. #8 X 1-1/4" Screws (4)
  - b. Drywall Anchors (4)
- ❹ Installation & Programming Guide
- ❺ Registration Card

### WeatherSmartPRO™ Also Includes:

- ❹ Weather Station
- ❺ Mounting Hardware
  - a. Mounting Bracket
  - b. #6 x 1" Screws (2)



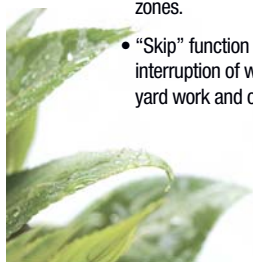
## WeatherSmart™ Features

### RSC600i

#### WeatherSmart™ Features:

- 6 Zones with up to 4 independent start times per day per day.
- AM and PM watering durations per zone.
- Automatically adjusts watering durations monthly based on historic weather patterns for your zip code.
- Daily and Year-to-Date water savings displayed.
- “Percent Adjust” function for adjusting watering durations for all zones.
- “Skip” function for manual interruption of watering schedule for yard work and other activities.

- “Water Now” function for manual watering to test irrigation system.
- Rain Switch ready – accepts most major brands.
- Built-in diagnostics automatically troubleshoots and alerts of wiring short circuit.
- Easy to read, oversized backlit display.
- Non Volatile Memory saves program settings in the event of power loss
- Audible beep to alert for low batteries, wiring faults, and other user interface actions.
- Timer “undocks” to allow for comfortable / convenient programming.
- Automatically adjusts for daylight savings.
- Conventional timer mode (non-smart) option.



## WeatherSmartPRO™ Features

### RSC600is

#### WeatherSmartPRO™

#### Additional Features:

- Includes WeatherSmart™ features listed on page 3.
- Includes WeatherSmart™ wireless weather station.
- Optimizes and automatically adjusts watering durations daily based on actual local outside temperature.
- Automatically suspends programmed watering schedules when rainfall is detected.

- Automatically suspends programmed watering schedules when low temperature conditions occur.
- Displays outside temperature.
- Displays Daily and Year-to-Date rainfall.
- Weather station status and low battery condition displayed.



## Timer Overview

- ❶ **LCD Display** – Displays status of the timer. (page 27-28)
- ❷ **Navigation Pad** – Used to select, change, and enter values.
  - LEFT and RIGHT arrows to move left or right.
  - UP and DOWN arrows to increase or decrease values.
  - ENTER saves all values and advances to next screen.
- ❸ **Settings** – View or change DATE, TIME, ZIP CODE, and WATERING DAYS option. (page 11-12)
- ❹ **Edit Schedule** – View or change the WATERING SCHEDULE. (page 13-18)
- ❺ **Auto Run** – Change operating mode to ON / SKIP / OFF. (page 23)
- ❻ **Water Now** – Manual watering Start / Stop. (page 24)
- ❼ **A/C Power Connection** – External power connection.
- ❽ **Valve Solenoid Wire Terminals** – Color coded quick connect terminals.
- ❾ **Rain Switch Terminals** – For rain switch wiring (optional). No additional programming required.(page 26)
- ❿ **Reset** – Stops watering; clears timer memory of any errors; and returns timer to the idle state. DATE, TIME, ZIP CODE, WATERING DAYS option, and WATERING SCHEDULE are not erased.
- ⓫ **Removable Cover** – To access SETTINGS, EDIT SCHEDULE, and RESET buttons.

## Timer Overview



## Installation Requirements

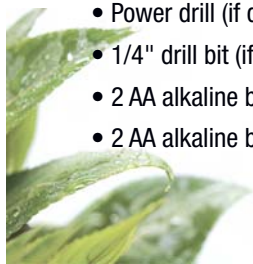
### Items Required for Installation

#### Included in Package:

- Docking Station
  - #8 X 1 1/4" screws (4)
  - Drywall anchors (4)
- Mounting Bracket for weather station (WeatherSmartPRO™)
  - #6 X 1" screws (2)

#### Tools and Other Items (not included):

- Phillips head screwdriver
- Wire strippers
- Power drill (if drywall anchors are used)
- 1/4" drill bit (if drywall anchors are used)
- 2 AA alkaline batteries for timer
- 2 AA alkaline batteries for weather station (WeatherSmartPRO™)



## Installation: Docking Station

### Docking Station Installation

#### For new installations

- Locate near sprinkler wires from irrigation system valve solenoids.
- Locate within 48" of a 110 volt AC outlet.

#### Mount the docking station

- Undock and set the timer aside.
- At the selected location, hold the docking station on the wall.
- Using the docking station as a template, mark the four screw locations on the wall.
- If drywall anchors are needed, drill a 1/4" hole in the wall at each marked location.
- Insert a drywall anchor in each hole so that it is flush with the wall surface.
- Position the docking station over the anchors.
- Insert and tighten one #8 X 1 1/4" screw in each of the four holes. Do not overtighten screws.



**NOTE: Must be installed in a weather resistant enclosure if mounted outdoors.**



## Installation: Wiring

### Wiring the Docking Station

*These instructions assume your irrigation system is properly installed and the valve solenoid wires are available at the timer mounting location.*

**CAUTION: Do not connect more than one wire to each terminal. Damage to the timer will occur.**

#### Common Wire Connections

- Insert the common wire from the solenoids to either "COMMON" terminal (white) at the bottom of the docking station.

#### Zone Wire Connections

- Insert one control wire from a specific solenoid (zone 1) to a corresponding "ZONES" terminal (blue 1) at the bottom of the docking station. Repeat for each zone solenoid.
- Check wires to ensure they are fully seated and secure.
- Plug A/C Power Supply connector to the "24 VAC POWER" terminal (red), then plug the Power Supply into a 110 volt outlet.



## Installation: Dock Timer

### Docking the Timer

- Install AA batteries in the back of the timer.
- Place the back of the timer against the docking station
- Slide the timer downward until it is firmly seated at the bottom of the docking station.
- Confirm UNDOCKED indicator is turned off.

***The timer is ready for programming and operation.***



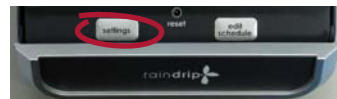


## Timer Settings

View or change DATE, TIME, ZIP CODE, and WATERING DAYS option.

### Remove Cover

1. Press SETTINGS button



2. Adjust CURRENT DATE.  
Press ENTER.



3. Adjust CURRENT TIME  
(note AM or PM).  
Press ENTER.



## Timer Settings

4. Adjust your local ZIP CODE.  
Press ENTER.

- If ENTER ZIP CODE ERROR is displayed;  
the zip code is not recognized.  
-Check the entered zip code number.  
-Use a neighboring zip code if necessary.



**Note:** To operate the timer as  
a conventional (non-smart)  
timer, use 0 0 0 0 0.  
See page 25.



5. Select WATERING DAYS option.  
Press ENTER.

- Option 1: (see page 15)  
"WATER ON SPECIFIC DAYS OF WEEK"
- Option 2: (see page 16)  
"WATER ON ODD OR EVEN DATES OF MONTH"



**SETTINGS are now complete.**



# Rain Shutdown

for WeatherSmartPRO™

View or change duration for rain shutdown.

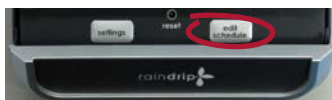
**NOTE:** This option will appear only when the WeatherSmartPRO indicates SHUTDOWN RAIN DETECTED.

## Remove Cover

1. Press EDIT SCHEDULE button.



2. Adjust REMAINING DURATION value. Press ENTER.



**Rain shutdown adjustment is now complete.**

*OPTIONAL:* press AUTO RUN button to exit edit schedule.

[raindrip.com/weathersmart](http://raindrip.com/weathersmart)

# Percent Adjust

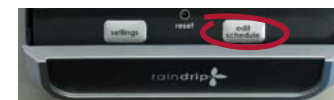
View or change PERCENT ADJUST for all zones.

**NOTE:** Percent adjust increases or decreases watering durations for ALL zones and is primarily used when the timer is in non-smart mode. If used in smart mode, then percent adjust will revert to 100% in 2 days for WeatherSmartPRO; 5 days for the WeatherSmart.

## Remove Cover

1. Press EDIT SCHEDULE button.

If needed, press ENTER to advance to PERCENT ADJUST screen.



2. Adjust PERCENT ADJUST value. Press ENTER.  
(watering durations increase for values greater than 100%; decreases if less than 100%)



**PERCENT ADJUST is now complete.**

*OPTIONAL:* press AUTO RUN button to exit edit schedule.

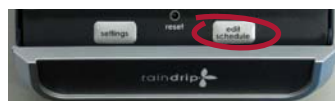
[raindrip.com/weathersmart](http://raindrip.com/weathersmart)

# Programming Watering Schedule

View or change number of watering CYCLES per day.

**NOTE:** See Programming Notes on page 18.

## Remove Cover



### Option 1: WATER ON SPECIFIC DAYS OF WEEK



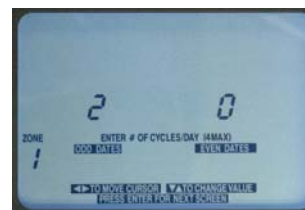
1. Use Programming Aid to facilitate watering schedule programming (pages 31-32)
2. Press EDIT SCHEDULE button, press ENTER to advance to the CYCLES per day screen.
3. Adjust number of watering CYCLES for each day.
4. After CYCLES have been set for all days, then press ENTER.
5. Repeat for all ZONES.  
(continued)

**CYCLES per day settings are now complete**

*OPTIONAL: press AUTO RUN button to exit edit schedule.*

# Programming Watering Schedule

### Option 2: WATER ON ODD OR EVEN DATES OF MONTH



1. Use Programming Aid to facilitate watering schedule programming (pages 31-32)
2. Press EDIT SCHEDULE button, press ENTER to advance to the CYCLES per day screen.
3. Select ODD DATES or EVEN DATES.
4. Adjust number of watering CYCLES, then press ENTER.
5. Repeat for all ZONES.  
(continued)

**CYCLES per day settings are now complete**

*OPTIONAL: press AUTO RUN button to exit edit schedule.*

## Programming Watering Schedule

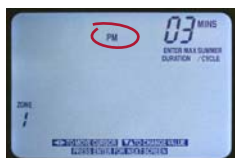
View or change watering **DURATIONS**.



**NOTE: Set DURATIONS for the hottest month of the year.**

(continued from previous pages)

6. Adjust AM watering DURATION (1 to 99 minutes), press ENTER.



7. Adjust PM watering DURATION (1 to 99 minutes), press ENTER.

8. Repeat for remaining ZONES.

**DURATION settings are now complete.**

View or change **START TIMES**.



9. Adjust START TIME, (note AM or PM), press ENTER.

10. Repeat for remaining cycle start times (1, 2, 3, or 4).

11. Repeat for remaining watering days (SU, MO, TU, WE, TH, FR, SA).

**START TIME settings are now complete.**

**OPTIONAL:** press AUTO RUN button to exit edit schedule.

## Programming Notes

### WeatherSmart and WeatherSmartPRO Programming and Watering Notes:

- Daily programmed watering is from 12:00AM to 11:59PM. Any programmed watering will be terminated at midnight each day to comply with possible local daily watering restrictions.
- WeatherSmart timer will automatically adjust watering durations. The adjusted minimum watering duration will be one (1) minute. If the adjusted watering duration is less than 30 seconds, the watering duration will be zero (no watering).
- Watering schedule entries are saved once ENTER is pressed.
- Watering schedule entries can be reviewed and corrected at any time during programming by pressing the EDIT SCHEDULE button.
- At anytime during EDIT SCHEDULE, the AUTO RUN button can be pressed to exit edit schedule.
- Optional: To erase ALL entered watering schedule programs, press and hold EDIT SCHEDULE for 5 seconds.

# Weather Station Overview

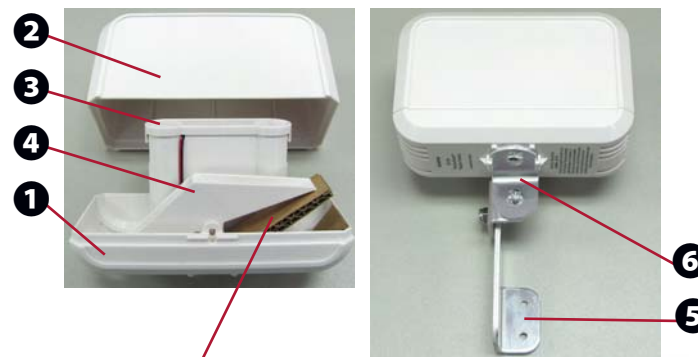
for WeatherSmartPRO™



- ❶ **Base** – Wireless weather station main base.
- ❷ **Cover** – Remove to access battery cap and facilitate cleaning.
- ❸ **Battery Cap** – Remove cap to access battery compartment.
- ❹ **Tipping Bucket** – Tips when rain water enters and fills bucket. (remove and discard bucket retainer strip).
- ❺ **Mount Bracket** – Multi-position mounting options.
- ❻ **Mount Clip** – Adjustable for various mounting positions, leveling, and attaches to bottom of base.

# Weather Station Overview

for WeatherSmartPRO™



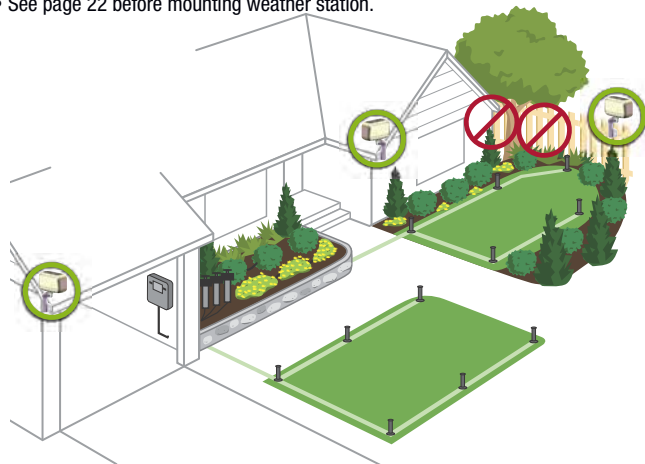
**NOTE: Remove and discard bucket retainer strip.**

# Installation: Weather Station

for WeatherSmartPRO™

## 1. Identify a location outdoors to mount the weather station

- Select a location where full unobstructed direct rainfall can be received.
- Avoid locations where water from sources such as roofs, roof gutters, or irrigation sprinklers can enter the weather station.
- Select a location within an effective communication range of the timer (typically within 50 feet; depending on obstructions).
- See page 22 before mounting weather station.



# Installation: Weather Station

for WeatherSmartPRO™

## 2. Activate the weather station

**NOTE: The timer must be operational before activating the weather station.**

- At the timer navigation pad, press and hold **▲** and **▼** for 5 seconds to begin timer communication setup.
- SENSOR will appear in the display and blink during a 3 minute setup period.
- At the selected mount location, remove upper housing from base of weather station.
- **Verify bucket retainer strip is removed and discarded (see page 20).**
- Install 2 AA batteries; reattach battery cap and upper housing.
- The weather station will automatically begin a 1 minute setup routine.

## 3. Confirm wireless communication established

**NOTE: Allow up to one minute for wireless communication to be established.**

- At the timer, SENSOR will stop blinking in the display.
- Rain and temperature test values will appear in the display.
- The test values will reset 3 minutes from the start of timer communication setup.

## 4. Mount weather station (typically within 50 feet of timer; see page 21)

- Attach mounting bracket at selected mount location using 2 supplied screws.
- Attach weather station to mount clip. Level as needed by adjusting mount clips.
- Optional: Rainfall values can be reset to zero by pressing and holding **◀** and **ENTER** buttons together for 5 seconds.

***Weather station installation is now complete.***

## Auto Run

(ON / SKIP / OFF)

Change AUTO RUN mode to ON, SKIP, or OFF.



Press AUTO RUN button to select ON, SKIP, or OFF mode.

**ON:** Timer is in automatic watering mode.

**SKIP:** Timer will “skip” watering for a selected time period.

1. Input DURATION (1 to 99 hours).
  2. Press ENTER to start the skip cycle.
- After SKIP cycle completes, the timer will return to the previous operating mode (ON or OFF).

**SKIP programming is now complete.**

**OFF:** Timer is “off” and will not execute any watering schedule program.

## Water Now

Initiate Manual Watering.

1. Press WATER NOW button.
2. Select a specific ZONE (1-6).  
If ALL is selected, all zones will water sequentially.
3. Input DURATION (1-10 minutes).
4. Press ENTER to start manual watering cycle.



**WATER NOW programming is now complete.**

**WATER NOW Notes:**

- To stop a manual watering cycle, press the WATER NOW button again.
- After a manual watering cycle is complete, the timer will return to the previous operating mode (ON, SKIP, or OFF).
  - The operating mode can be changed during a manual watering cycle by pressing the AUTO RUN button.
  - Pressing AUTO RUN, SETTINGS or EDIT SCHEDULE button will not stop a manual watering cycle.
- WATER NOW manual watering cycles are not included in TODAY or YTD water savings calculations.

## Disabling Smart Mode

*Operate timer as a conventional (non-smart) timer.*

1. Press SETTINGS.
2. Press ENTER (do not change DATE).
3. Press ENTER (do not change TIME).
4. Change ZIP CODE to all zeroes. Press ENTER.
5. Press ENTER (do not change WATERING SCHEDULE method).



**Smart mode is now disabled.**

To enable Smart mode, repeat steps 1-5 above and enter your local ZIP CODE as shown on page 12.

Conventional Timer Mode Notes:

- The ZIP CODE indicator will flash slowly as a reminder the timer is in conventional timer mode.
- Disabling Smart mode will not change WATERING METHOD or WATERING SCHEDULE program.
- TODAY WATER SAVINGS will display 00%.
- Watering durations will not be reduced seasonally.
- Water savings may not be realized.

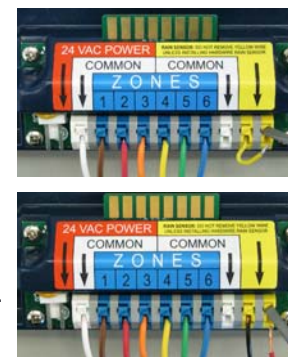


## Rain Switch (optional)

(not required for WeatherSmartPRO™)

*Connect a conventional two wire rain switch (optional).*

1. Mount rain switch per the manufacturer's installation instructions.
2. Remove rain switch jumper wire.
  - Press square plunger down.
  - Remove yellow jumper wire.
3. Connect wires from rain switch to terminal strip.
  - Press square plunger down.
  - Insert switch wires into yellow terminal blocks (ignore color of switch wires).



**NOTE: If the jumper wire is removed and a rain switch is NOT connected, then actual watering will NOT occur.**

**Rain Switch is ready for use.**

Examples of compatible Rain Switch:

- Nelson® 8501 Rain-Trip™
- Rainbird® RSD-CEx
- Hunter® Mini-Clik®
- Hunter® Rain-Clik™
- Toro® TRS





## Operational Notes

**NOTE: The timer cannot send a watering signal to valve solenoids when the timer is "undocked". Actual watering will not occur.**

### Undocked - Using Battery Power

- The LCD backlight will not illuminate when the timer is undocked and running on battery power.
- If buttons are not pressed within a 1 minute time period, the LCD display will automatically turn off (blank) to conserve battery life. The timer clock will continue to operate.
- To reactivate the LCD display, press and hold any button for 2 seconds.
- Battery power is used for keeping current time and for undocked programming only when A/C power is not available (power loss or undocked). Setting and watering schedule program is maintained in timer memory.

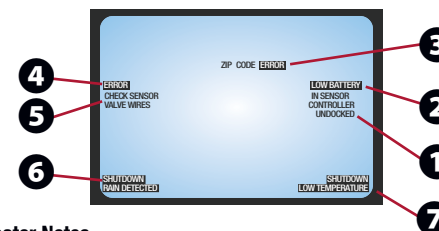
### Docked - Using Wall Outlet A/C Power

- The LCD backlight will automatically turn off after buttons are not pressed within a 3 minute time period.
- To reactivate the backlight, press any button.

### Audible Beeps

- Docking and Undocking - rapid triple beep
- LOW BATTERY - single beep every 15 seconds.
- ERROR Check Valve Wires - single beep every 15 seconds.
- ERROR Check Sensor - single beep every 15 seconds. - WeatherSmart PRO
- Upper or Lower Start Time Value Reached (when programming) - single beep

## Status Indicators



### Status Indicator Notes

**1 UNDOCKED** – The timer is "undocked" or not fully seated in the docking station.

**2 LOW BATTERY** – Indicates batteries are low and need to be replaced. All programming and settings (except current time) will be maintained during battery replacement.

**3 ZIP CODE ERROR** – The entered zip code was not recognized. See SETTINGS on page 12.

**4 ERROR CHECK SENSOR** – The timer has not received a signal from the weather station. See troubleshooting on page 30.

**5 ERROR CHECK VALVE WIRES** – A wiring fault was detected during watering of a specific zone. The specific zone number will also be displayed. Check for shorted wires or faulty solenoid.

**6 SHUTDOWN RAIN DETECTED** – The timer will not water when this indicator is on. - WeatherSmart with optional rain switch or WeatherSmartPRO™

**7 SHUTDOWN LOW TEMPERATURE** – The timer will not water when this indicator is on. (below 40 F) - WeatherSmartPRO™

# FAQ

- 1. Can I use the WeatherSmart™ and WeatherSmartPRO™ for both drip and sprinkler systems?**  
Yes. Independent durations and multiple watering cycles allow you to program for drip and sprinkler irrigation systems.
- 2. Can I use my existing wires to my valves?**  
Yes. The timer is compatible with commonly used landscape irrigation systems.
- 3. Can I install the timer outdoors?**  
Yes ... the timer must be installed in a weather resistant enclosure.
- 4. How many valves can be controlled by one zone output terminal?**  
Only one valve can be controlled per zone output terminal. Damage to the timer may occur if more than one valve is connected to a zone terminal.
- 5. What if my zip code is new or not recognized by the timer?**  
Use a nearby neighboring zip code.
- 6. How do I know what duration to program into the timer?**  
Set your watering durations for the hottest part of the year. If replacing a standard timer, use the durations from the watering program of your previous timer. Consult a landscape professional for detailed advice on your specific landscape needs.
- 7. Why do I need more than one cycle or start time per day?**  
If your landscape soil is not easily penetrated by moisture or the landscape is sloped it can be beneficial to run multiple short watering cycles to minimize run-off and to allow time for water to be absorbed by the soil.
- 8. Will my timer stop watering when it rains?**  
Yes. The WeatherSmartPRO™ with weather station will automatically shutdown when it rains. The WeatherSmart™ timer will not stop watering unless an optional rain switch is installed. The timer accepts most major brands of rain switches (see page 26).
- 9. What if it's raining and I don't have a rain switch?**  
The SKIP function can be used to interrupt all programmed watering schedules for up to 99 hours. When the SKIP function ends, the timer will return to the previously set operating mode (ON or OFF).
- 10. Why does my landscape appear to be dry?**  
Your watering duration may need to be adjusted if dryness is frequently observed. If necessary, the timer is equipped with a Water Now feature for manual watering and to test drip and sprinkler system performance.
- 11. Do the valves operate when the timer is undocked?**  
No. The timer cannot operate valves when it is undocked. Watering will not occur.

# Troubleshooting

| Problem  | Possible Cause   | Solution   |
|--|--|--|
| <b>No backlight; display is blank</b>                  | a) No power to timer   | Check power wires and circuit breakers, check / fully dock timer, or check batteries   |
| <b>No backlight; display is working</b>                | a) Backlight or display is in sleep mode                           | Normal operation (see page 27)   |
| <b>Timer beeps once every 15 seconds (see page 27)</b> | a) LOW BATTERY indicator is on                                     | Replace batteries  |
|  | b) ERROR CHECK VALVE WIRES indicator is on                         | Note zone on display; Check / Repair shorted wires or faulty valve solenoid  |
|  | c) ERROR CHECK SENSOR indicator is on (WeatherSmartPRO)            | Check for obstructions between weather station & timer; move weather station closer to timer to test operation (allow up to 15 min.); or replace batteries |
| <b>No watering occurs when timer shows watering</b>    | a) Timer is not fully docked                                       | Check / Fully dock timer   |
|  | b) Faulty wiring, solenoid, or valve                               | Check / Repair open wire, faulty solenoid, or faulty valve   |
|  | c) Water supply may be shut off                                    | Check water supply line has pressure   |
| <b>Timer does not water as scheduled</b>               | a) AUTO RUN is OFF or in SKIP MODE                                 | Set AUTO RUN to ON   |
|  | b) Current date, time, zip code, or watering days option incorrect | Check / Set settings (see pages 11 – 12)   |
|  | c) WATERING SCHEDULE not programmed correctly                      | Verify watering schedule program (see pages 15 – 18)   |
|  | d) Smart technology adjusted the watering duration to zero         | Normal Smart operation. Verify watering schedule program   |
|  | e) SHUTDOWN RAIN DETECTED indicator is on                          | Check rain switch jumper wire or rain switch (see page 26); Check / Adjust rain shutdown (WeatherSmartPRO - page 13)                                       |
|  | f) SHUTDOWN LOW TEMPERATURE indicator is on (WeatherSmartPRO)      | Normal if temperature is less than 40°F  |

# Programming Aid

The following information is needed for each zone used:

- ❶ Number of watering **CYCLES** per day (0, 1, 2, 3, or 4).
- ❷ **DURATION** in minutes (AM & PM).
- ❸ Cycle **START TIMES** (S1, S2, S3, S4).

**CYCLES:** (0, 1, 2, 3, or 4):

- 0 indicates no watering for the day.
- 1, 2, 3, or 4 indicates number of watering cycles per day.
- The number of cycles will determine the number of start times.

**ODD / EVEN:**

- ODD will water on 1st, 3rd, 5th, etc. dates of month.
- EVEN will water on 2nd, 4th, 6th, etc. dates of month.

**❶**

| SPECIFIC DAYS OF WEEK                  |     |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|
| Number of CYCLES (start times) per DAY |     |     |     |     |     |     |     |
| ZONES                                  | Sun | Mon | Tue | Wed | Thu | Fri | Sat |
| <b>1</b>                               | 0   | 0   | 0   | 3   | 0   | 0   | 3   |
| notes: Side Area                       |     |     |     |     |     |     |     |
| <b>2</b>                               | 0   | 0   | 2   | 0   | 0   | 2   | 0   |
| notes: Front Area                      |     |     |     |     |     |     |     |

**❷**

| ODD / EVEN     |    |            |
|----------------|----|------------|
| CYCLES per DAY |    |            |
| ODD dates      | or | EVEN dates |
|                |    |            |
|                |    |            |

| DURATIONS (minutes) |    |
|---------------------|----|
| AM:                 | 11 |
| PM:                 | 11 |
| AM:                 | 9  |
| PM:                 | 5  |

| START TIMES (5 minute increments) |  |
|-----------------------------------|--|
| S1                                |  |
| S2                                |  |
| S3                                |  |
| S4                                |  |

# Programming Aid

**NOTE:** See Programming Notes on page 18 for additional programming and watering notes.

| ZONES    | SPECIFIC DAYS OF WEEK                  |     |     |     |     |     |     | DURATIONS (minutes) | ODD / EVEN     |    |            |
|----------|--|-----|-----|-----|-----|-----|-----|---------------------|----------------|----|------------|
|          | Number of CYCLES (start times) per DAY |     |     |     |     |     |     |                     | CYCLES per DAY |    |            |
|          | Sun                                    | Mon | Tue | Wed | Thu | Fri | Sat |                     | ODD dates      | or | EVEN dates |
| <b>1</b> |  |     |     |     |     |     |     | AM:                 |                |    |            |
| notes:   |  |     |     |     |     |     |     | PM:                 |                |    |            |
| <b>2</b> |  |     |     |     |     |     |     | AM:                 |                |    |            |
| notes:   |  |     |     |     |     |     |     | PM:                 |                |    |            |
| <b>3</b> |  |     |     |     |     |     |     | AM:                 |                |    |            |
| notes:   |  |     |     |     |     |     |     | PM:                 |                |    |            |
| <b>4</b> |  |     |     |     |     |     |     | AM:                 |                |    |            |
| notes:   |  |     |     |     |     |     |     | PM:                 |                |    |            |
| <b>5</b> |  |     |     |     |     |     |     | AM:                 |                |    |            |
| notes:   |  |     |     |     |     |     |     | PM:                 |                |    |            |
| <b>6</b> |  |     |     |     |     |     |     | AM:                 |                |    |            |
| notes:   |  |     |     |     |     |     |     | PM:                 |                |    |            |

| START TIMES (5 minute increments) |     |     |     |     |     |     |  |
|-----------------------------------|-----|-----|-----|-----|-----|-----|--|
| Sun                               | Mon | Tue | Wed | Thu | Fri | Sat |  |
| S1                                |     |     |     |     |     |     |  |
| S2                                |     |     |     |     |     |     |  |
| S3                                |     |     |     |     |     |     |  |
| S4                                |     |     |     |     |     |     |  |

# Specifications

**A/C Power Supply:** Input: 120VAC, 60 HZ; Output: 24VAC, 0.45amps

**Timer Zone Output:** 24VAC, 0.25amps

**Battery Power:** “AA” alkaline (not included).

Depending on usage environment, batteries should be replaced once a year.

## FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by Raindrip Technical Services could void the user's authority to operate the equipment.

# Warranty

Raindrip WeatherSmart™ – Limited Warranty

Raindrip warrants to the original product or service purchaser (“the Customer”) that the Raindrip product, for which the Customer received this warranty, was designed, developed and/or fabricated using all due reasonable commercial care and good manufacturing practices. Raindrip's product shall be free from defects in material and workmanship for one year, from the original date of purchase. Raindrip's sole and exclusive obligation under this warranty is to provide for the free repair or replacement of the product or of defective part in the product, at Raindrip's option.

**Warranty Limitations.** The duration of any implied warranty or condition, of merchantability, fitness for a particular purpose, or otherwise, on this product shall be limited to the duration of the express warranty set forth above. In no event shall Raindrip be liable for any loss, inconvenience or damage, whether direct, incidental, consequential or otherwise, resulting from breach of any express or implied warranty or condition, of merchantability, fitness for a particular purpose or otherwise with respect to this product, except as set forth herein. Some states or countries do not allow limitation on how long an implied warranty lasts and some do not allow exclusions or limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty will be interpreted pursuant to the laws of the United States and the State of California. The original English language version (meaning) of this warranty controls over all translations.

**Warranty Service Options.** For service under this warranty you must return the product to the store where you purchased [the unit] it.

**Warranty Exclusions.**

This warranty does not cover the following:

- Products that have been modified, neglected or poorly maintained, misused, abused or involved in accidents or natural disasters.
- Damage to the product resulting from improper maintenance or repair, the use or installation of parts and/or accessories that are not compatible with the original intended use of the product, or the failure to follow the product warnings and usage instructions.
- Damage or deterioration to the surface finish, aesthetics or appearance of the product.
- The labor costs required to remove and/or refit and readjust the product covered by this warranty.
- Normal wear and tear to the product.
- Product installed outdoors or in a manner not recommended by Raindrip.
- Or, any products for which the Customer does not follow the warranty procedures outlined [above] in this Limited Warranty.

☎ 877.502.7952

✉ techservice@ndspro.com

🌐 raindrip.com/weathersmart

## Notes

## Notes

 877.502.7952

Monday - Saturday 8:00 AM - 4:00 PM (PST)  
Sunday 8:00 AM - 1:00 PM (PST)

 [techservice@ndspro.com](mailto:techservice@ndspro.com)

 [raindrip.com/weathersmart](http://raindrip.com/weathersmart)



RSC INSTG-B