



2021 Irrigation Catalog

Consumer Products



The Intelligent Use of Water™



The #1 Brand In Irrigation

Leading the way in water saving irrigation technology since its founding in 1933, Rain Bird is the world's largest manufacturer of irrigation products. Over the years, Rain Bird has produced and offered the broadest range of irrigation solutions for homes, commercial developments, golf courses, sports arenas and farms in more than 130 countries around the world.

Trust & Confidence

No other irrigation brand is as well known and trusted for use in new installations or for upgrades to improve watering efficiency. As part of our commitment to The Intelligent Use of Water™, we are always working to improve watering technology and to back our customers with training and technical support to make smart watering possible for all of us.



Support

Sprinkler System Design
800-426-7782

Technical Support
800-RAINBIRD

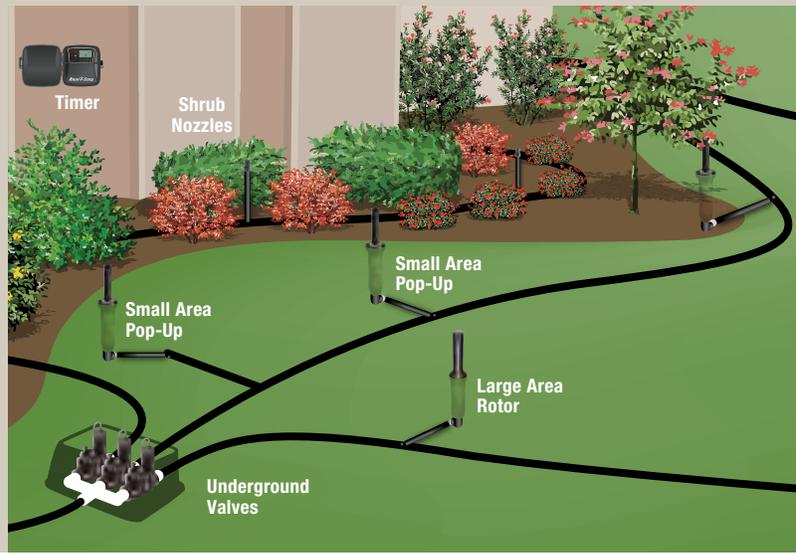
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Automatic Underground Irrigation Systems

A properly designed and maintained sprinkler system can improve the health and appearance of your landscape while conserving water. With Rain Bird components, you can be assured of:

- Newest innovations including wifi smart watering control
- Consistent watering for best growing results
- Precise coverage with less overspray waste
- Rugged, long lasting design
- Superior technical support (1-800-RAINBIRD)



Irrigation System Components



Pop-Up Spray Heads

- Use to water small lawn or shrub areas
- Available with or without nozzles, various patterns

NEW Pressure regulated (PRS) sprinklers



Gear Drive Rotors

- Use to water medium to large lawn and shrub areas
- Closed case design helps keep out dirt and debris

NEW Rotors with built-in check valves



Impact Rotors

- Use to water large lawn and shrub areas
- Ideal for reclaimed water or heavy mineral conditions



Automatic Valves

- Use to turn the water on and off to the sprinklers of each zone
- In-Line or Anti-siphon models are available
- Choose the type required by your local codes



Timers

- Use to control when and how long to water
- Timer models are available to control from 4 – 12 valves

NEW Smart irrigation Wi-Fi® timers
App control advances in new Version 2.0 smart timers



Hose-End Watering

Same high-quality Rain Bird components used in professionally installed systems

NEW In-ground sprinkler for use with your hose

NEW Professional grade garden hose

Pop-Up Sprays & Nozzles

Small to Medium Area Sprinklers



Introduction

Pop-Up Sprays
& Nozzles

Rotors

Impact Sprinklers

Timers

Valves

Accessories

Drip Irrigation

Hose End Products

Design Service



Pop-Up Sprays & Nozzles

Overview

Choice of pop-up heights from 2" to 12", spray distances from 4' – 18'

Complete interchangeability in nozzles for uniform coverage in every zone

All pop-up sprays feature an exclusive pressure-activated wiper seal to prevent leaks

Exclusive! "HE-VAN" high efficiency nozzles provide full adjustability along with water savings

NEW Pressure Regulated (PRS) Sprays. Complies with new 2021 guidelines in California, Washington, Colorado, Hawaii and Vermont.



Water Saving Nozzles

- 360° Dual Spray™
- 180° Dual Spray™
- 90° Dual Spray™
- High Efficiency Adjustable (HE-VAN)

Standard Nozzles (MPR)**

- Adjustable Pattern
- 360° Circle
- 180° Half Circle
- 90° Quarter Circle
- No nozzle

1800® Series Selections

| | Body/Nozzle Configuration | Professional Grade | High Efficiency | Ultimate Efficiency | Page |
|---------------------------|----------------------------|---------------------|-----------------|---------------------|------|
| STANDARD | MPR Nozzles | 2", 3", 4", 6", 12" | | | 4 |
| | Body Only (no nozzle) | 2", 3", 4", 6" | | | 4 |
| HIGH EFFICIENCY (NON-PRS) | HE-VAN Nozzles | | 2", 4" | | 5 |
| | Dual Spray™ Nozzles | | 2", 3", 4" | | 5 |
| PRESSURE REGULATED (PRS) | PRS + HE-VAN + Check Valve | | | 4" | 6 |
| | PRS + HE-VAN Nozzles | | | 2", 4" | 6 |
| | PRS + Dual Spray™ Nozzles | | | 2", 3", 4" | 6 |
| | PRS + Standard MPR Nozzles | 2", 3", 4", 6", 12" | | | 6 |
| | PRS Body Only (no nozzle) | 2", 4" | | | 6 |

*Rain Bird 1800 Series sprinklers
**Matched Precipitation Rate (MPR)

1800® SERIES SPRAYS

SETTING THE STANDARDS FOR RELIABILITY & EFFICIENCY

#1 SELLING POP-UP SPRINKLERS

- » Proven dependability, preferred by irrigation professionals.
- » Installed in more homes and commercial properties than any other brand.



Superior Coverage Uniformity

UP TO 35% WATER SAVINGS



HE-VAN High Efficiency Adjustable Nozzles

Adjustability and efficiency in one. Defined streams produce larger, wind-resistant drops that cover evenly in any pattern you set.

Available in 2" and 4" models (See page 5).



Dual Spray™ High Efficiency Fixed Pattern Nozzles

Dual orifices eliminate gaps close to the spray and minimize dry, brown spots.

Available in 2", 3" and 4" models (See page 5).

Longer Operating Life



Rugged Pressure-Activated Wiper Seal

Provides unmatched resistance to grit and high pressures, saves replacement costs.

Standard feature in all 1800 Series sprays.

Corrects for High Water Pressure

UP TO 50% WATER SAVINGS



NEW 1800 PRS Pressure Regulated Series

Built-in pressure regulator maintains optimum 30 psi water pressure at the nozzle to stop wasteful misting. Ideal for areas with fluctuating or excessively high water pressures. Complies with new 2021 guidelines in California, Washington, Colorado, Hawaii and Vermont.

Available in 2", 3", 4", 6" and 12" models (See page 6).

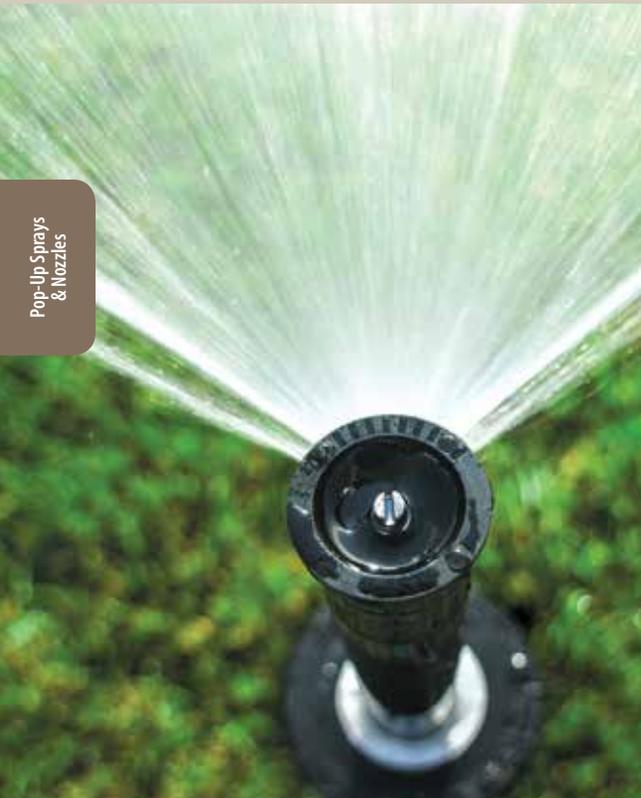
Prevents Drainage on Slopes



Built-in Seal-A-Matic (SAM) Check Valve (Option)

Prevents low-head drainage and puddling, ideal for use in changing elevations.

Available in 1804HEVNPR model (See page 6).



PROVEN DEPENDABILITY 1800® SERIES SPRAYS
**PROFESSIONAL GRADE –
STANDARD**

- » Top selling pop-up spray head in the world
- » Exclusive co-molded wiper seal avoids leaks
- » Built-in PRS pressure regulator available with select models

Features

Available with or without nozzles for installation flexibility

All nozzled models include Matched Precipitation Rate (MPR) nozzles to allow sprinklers with different patterns to be mixed on the same zone

Pop-up height: 2", 3", 4", 6" or 12"

Preferred by irrigation professionals for dependable performance

1/2" bottom inlet & side inlet on 6" or 12"



Exclusive pressure-activated wiper seal resists high pressures and grit. Heavy duty stainless spring ensures reliable retraction.



1802LN, 1804LN, 1803LN
Without nozzles
Optional pressure regulation (PRS) 2" and 4"



1802F

1803VAN

1804Q

1806AP/1812AP



Features

Professional grade sprinklers equipped with our highest efficiency nozzles

Superior coverage uniformity helps reduce run time up to 35%, conserving water

Choice of HE-VAN adjustable arc or Dual Spray™ fixed patterns

Spray distance up to 15'

Pressure range: 15 to 30 psi

1/2" bottom inlet

SUPERIOR UNIFORMITY 1800® SERIES SPRAYS HIGH EFFICIENCY – HE-VAN & DUAL SPRAY™

- » High efficiency nozzles
- » Help reduce run times up to 35%
- » Available with built-in PRS Pressure Regulator (Pg. 6)

Pop-Up Sprays
& Nozzles



HE-VAN Pop-Up Sprays

Water saving efficiency plus full 0° - 360° adjustability

Defined streams produce larger, wind-resistant drops that cover evenly in any pattern

Pop-up height: 2" or 4"



0-360°



1802
HE-VAN

1804
HE-VAN



Standard

Dual Spray™ Pop-Up Sprays

Dual orifices eliminate gaps close to the spray

Minimizes dry, brown spots

Pop-up height: 2", 3" or 4"



360° 180° 90°



1802
Dual Spray™

1803
Dual Spray™

1804
Dual Spray™



Certified by
ICC-ES

Features

Built-in pressure regulator optimizes pressure for nozzle efficiency

Maintains constant 30 psi pressure to prevent misting, evaporation, wind drift, and poor uniformity

Eliminates need for separate inline pressure regulators

Ideal upgrade for older systems

Spray distance up to 15'

1/2" bottom inlet



Maximum Efficiency

1804HEVNPR model meets the water saving needs of all spray areas, regardless of changing elevation or water pressures.

Includes:

- PRS pressure regulator to stop misting
- Seal-A-Matic check valve to eliminate leaks and avoid erosion
- HE-VAN high efficiency adjustable nozzle for uniform coverage in any adjusted pattern

ULTIMATE EFFICIENCY 1800° SERIES PRESSURE REGULATED – PRS

- » Complies with new 2021 guidelines in California, Washington, Colorado, Hawaii and Vermont.
- » Up to 50% water savings
- » Choice of nozzles: high efficiency, standard MPR or bodies only



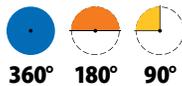
0-360°

PRS Pressure Regulated Sprays With HE-VAN Nozzles

Water saving efficiency plus full 0° - 360° adjustability

Defined streams produce larger, wind-resistant drops that cover evenly in any pattern

Pop-up height: 2" or 4"



360° 180° 90°

PRS Pressure Regulated Sprays with Dual Spray™ Nozzles

Dual orifices eliminate gaps close to the spray

Minimizes dry, brown spots

Pop-up height: 2", 3" or 4"



0-360°

PRS Pressure Regulated Sprays with Adjustable Nozzles or Bodies Only

Adjustable pattern nozzle

Bodies-only models can be used with any nozzles

Pop-up height: 2", 3", 4", 6" and 12"





HIGH EFFICIENCY, MPR, RISER MOUNTED SPRAY HEAD NOZZLES

- » Choice of efficiency ratings, spray patterns and distances for all applications
- » Filter screen included

Pop-Up Sprays
& Nozzles

Up to
35%
WATER
SAVINGS



- Up to 35% water savings compared to standard adjustable nozzles
- Adjustability and efficiency in one nozzle
- Large, wind-resistant drops cover evenly

| Series + Features | Model | Pattern | Distance | Area | Flow Rate |
|--|--|--------------|---------------------|-------------------|------------|
| HE-VAN Series, High Efficiency and Adjustable | | | | | |
|  <ul style="list-style-type: none"> • Up to 35% water savings compared to standard adjustable nozzles • Adjustability and efficiency in one nozzle • Large, wind-resistant drops cover evenly | HE-VAN-08 | 0-360° | 6-8' | Lawn or shrubs | Low |
| | HE-VAN-10 | 0-360° | 8-10' | | |
| | HE-VAN-12 | 0-360° | 9-12' | | |
| | HE-VAN-15 | 0-360° | 12-15' | | |
| Dual Spray™ Series | | | | | |
|  <ul style="list-style-type: none"> • Dual Spray nozzles for superior close-in coverage • Saves water and eliminates brown spots • Compatible with all Rain Bird Pop-up sprinklers | 12DSF | 360° | 9-12' | Lawn or shrubs | Low |
| | 12DSH | 180° | 9-12' | | |
| | 12DSQ | 90° | 9-12' | | |
| MPR Series, Matched Precipitation Rate | | | | | |
|  <ul style="list-style-type: none"> • Even coverage • Adjustable screw distance • Compatible with all Rain Bird Pop-up sprinklers | 18AP | 0-360° | 14-18' | Lawn or shrubs | Low-Medium |
| | 15AP | 0-360° | 12-15' | | |
| | 15FC1 | 360° | 12-15' | | |
| | 15HC1 | 180° | 12-15' | | |
| | 15QC1 | 90° | 12-15' | | |
| | 15CSTC1 | Center Strip | 3' x 20' - 4' x 30' | | |
| | 15ESTC1 | End Strip | 3' x 10' - 4' x 15' | | |
| | 15SSTC1 | Side Strip | 3' x 20' - 4' x 30' | | |
| | 12AP | 0-360° | 9-12' | | |
| | 8FC1 | 360° | 6-8' | | |
| | 8HC1 | 180° | 6-8' | | |
| | 8QC1 | 90° | 6-8' | | |
| | 17 Series, Shrub Nozzles – Riser Mounted* | | | | |
|   <ul style="list-style-type: none"> • MPR nozzles for even coverage • Mounts on male 1/2" risers • Adjustable distance screw | A17AP | 0-360° | 12-15' | Flowers or shrubs | Low |
| | A17F | 360° | 12-15' | | |
| | A17H | 180° | 12-15' | | |
| | A17Q | 90° | 12-15' | | |
| | A17CST | Center Strip | 3' x 20' - 4' x 30' | | |
| | A17EST | End Strip | 3' x 10' - 4' x 15' | | |
| | A17SST | Side Strip | 3' x 20' - 4' x 30' | | |
| | 13 Series, Bubbler – Riser Mounted* | | | | |
|  <ul style="list-style-type: none"> • Mounts on male 1/2" risers | 1300 | 360° | 1-3' | Flowers or shrubs | Medium |

*Riser mounted nozzles are not for use in California or other areas where pressure regulation is required

Pop-Up Sprays
& Nozzles

| HE-VAN 8 Series 24° Trajectory | | | | | |
|---|----------------|---------------|------------|-------------|-------------|
| Nozzle | Pressure (PSI) | Radius (Feet) | Flow (GPM) | Precip In/h | Precip In/h |
|  | 15 | 5 | 0.83 | 3.19 | 3.68 |
| | 20 | 6 | 0.96 | 2.56 | 2.95 |
| | 25 | 7 | 1.07 | 2.10 | 2.42 |
| | 30 | 8 | 1.17 | 1.76 | 2.03 |
|  | 15 | 5 | 0.62 | 3.19 | 3.68 |
| | 20 | 6 | 0.72 | 2.56 | 2.95 |
| | 25 | 7 | 0.80 | 2.10 | 2.42 |
|  | 15 | 5 | 0.41 | 3.19 | 3.68 |
| | 20 | 6 | 0.48 | 2.56 | 2.95 |
| | 25 | 7 | 0.53 | 2.10 | 2.42 |
|  | 15 | 5 | 0.21 | 3.19 | 3.68 |
| | 20 | 6 | 0.24 | 2.56 | 2.95 |
| | 25 | 7 | 0.27 | 2.10 | 2.42 |
| | 30 | 8 | 0.29 | 1.76 | 2.03 |

| HE-VAN 15 Series 25° Trajectory | | | | | |
|---|----------------|---------------|------------|-------------|-------------|
| Nozzle | Pressure (PSI) | Radius (Feet) | Flow (GPM) | Precip In/h | Precip In/h |
|  | 15 | 11 | 2.62 | 2.08 | 2.40 |
| | 20 | 12 | 3.02 | 2.02 | 2.33 |
| | 25 | 14 | 3.38 | 1.66 | 1.92 |
| | 30 | 15 | 3.70 | 1.58 | 1.83 |
|  | 15 | 11 | 1.96 | 2.08 | 2.40 |
| | 20 | 12 | 2.27 | 2.02 | 2.33 |
| | 25 | 14 | 2.53 | 1.66 | 1.92 |
|  | 15 | 11 | 1.31 | 2.08 | 2.40 |
| | 20 | 12 | 1.51 | 2.02 | 2.33 |
| | 25 | 14 | 1.69 | 1.66 | 1.92 |
|  | 15 | 11 | 0.65 | 2.08 | 2.40 |
| | 20 | 12 | 0.76 | 2.02 | 2.33 |
| | 25 | 14 | 0.84 | 1.66 | 1.92 |
| | 30 | 15 | 0.93 | 1.58 | 1.83 |

| HE-VAN 10 Series 27° Trajectory | | | | | |
|---|----------------|---------------|------------|-------------|-------------|
| Nozzle | Pressure (PSI) | Radius (Feet) | Flow (GPM) | Precip In/h | Precip In/h |
|  | 15 | 7 | 1.26 | 2.48 | 2.86 |
| | 20 | 8 | 1.46 | 2.19 | 2.53 |
| | 25 | 9 | 1.63 | 1.94 | 2.24 |
| | 30 | 10 | 1.78 | 1.72 | 1.98 |
|  | 15 | 7 | 0.95 | 2.48 | 2.86 |
| | 20 | 8 | 1.09 | 2.19 | 2.53 |
| | 25 | 9 | 1.22 | 1.94 | 2.24 |
|  | 15 | 7 | 0.63 | 2.48 | 2.86 |
| | 20 | 8 | 0.73 | 2.19 | 2.53 |
| | 25 | 9 | 0.81 | 1.94 | 2.24 |
|  | 15 | 7 | 0.32 | 2.48 | 2.86 |
| | 20 | 8 | 0.36 | 2.19 | 2.53 |
| | 25 | 9 | 0.41 | 1.94 | 2.24 |
| | 30 | 10 | 0.45 | 1.72 | 1.98 |

| Dual Spray™ 12 Series 23° Trajectory | | | | | |
|---|----------------|---------------|------------|-------------|-------------|
| Nozzle | Pressure (PSI) | Radius (Feet) | Flow (GPM) | Precip In/h | Precip In/h |
|  | 15 | 9 | 1.80 | 2.14 | 2.47 |
| | 20 | 10 | 2.10 | 2.02 | 2.34 |
| | 25 | 11 | 2.40 | 1.91 | 2.21 |
| | 30 | 12 | 2.60 | 1.74 | 2.01 |
|  | 15 | 9 | 0.90 | 2.14 | 2.47 |
| | 20 | 10 | 1.05 | 2.02 | 2.34 |
| | 25 | 11 | 1.20 | 1.91 | 2.21 |
|  | 15 | 9 | 0.45 | 2.14 | 2.47 |
| | 20 | 10 | 0.53 | 2.02 | 2.34 |
| | 25 | 11 | 0.60 | 1.91 | 2.21 |
| | 30 | 12 | 0.65 | 1.74 | 2.01 |

| HE-VAN 12 Series 23° Trajectory | | | | | |
|---|----------------|---------------|------------|-------------|-------------|
| Nozzle | Pressure (PSI) | Radius (Feet) | Flow (GPM) | Precip In/h | Precip In/h |
|  | 15 | 9 | 1.67 | 1.99 | 2.30 |
| | 20 | 10 | 1.93 | 1.86 | 2.15 |
| | 25 | 11 | 2.16 | 1.72 | 1.99 |
| | 30 | 12 | 2.37 | 1.58 | 1.83 |
|  | 15 | 9 | 1.25 | 1.99 | 2.30 |
| | 20 | 10 | 1.45 | 1.86 | 2.15 |
| | 25 | 11 | 1.62 | 1.72 | 1.99 |
|  | 15 | 9 | 0.84 | 1.99 | 2.30 |
| | 20 | 10 | 0.97 | 1.86 | 2.15 |
| | 25 | 11 | 1.08 | 1.72 | 1.99 |
|  | 15 | 9 | 0.42 | 1.99 | 2.30 |
| | 20 | 10 | 0.48 | 1.86 | 2.15 |
| | 25 | 11 | 0.54 | 1.72 | 1.99 |
| | 30 | 12 | 0.59 | 1.58 | 1.83 |

| MPR Specialty Nozzles | | | |
|---|----------------|---------------|------------|
| Nozzle | Pressure (PSI) | Radius (Feet) | Flow (GPM) |
|  | 15 | 4 x 13 | 0.45 |
| | 20 | 4 x 14 | 0.50 |
| | 25 | 4 x 14 | 0.56 |
| | 30 | 4 x 15 | 0.61 |
|  | 15 | 4 x 26 | 0.89 |
| | 20 | 4 x 28 | 1.00 |
| | 25 | 4 x 28 | 1.11 |
| | 30 | 4 x 30 | 1.21 |
|  | 15 | 4 x 26 | 0.89 |
| | 20 | 4 x 28 | 1.00 |
| | 25 | 4 x 28 | 1.11 |
| | 30 | 4 x 30 | 1.21 |

■ Square spacing based on 50% diameter of throw.
▲ Triangular spacing based on 50% diameter of throw.
Performance data collected in zero wind conditions.

* Turn nozzle screw clockwise to reduce spray distance up to 25%.

| MPR 8 Series 10° Trajectory | | | | | |
|---|----------------|---------------|------------|-------------|-------------|
| Nozzle | Pressure (PSI) | Radius (Feet) | Flow (GPM) | Precip In/h | Precip In/h |
|  | 15 | 5 | 0.74 | 2.85 | 3.29 |
| | 20 | 6 | 0.86 | 2.30 | 2.66 |
| | 25 | 7 | 0.96 | 1.89 | 2.18 |
| | 30 | 8 | 1.05 | 1.58 | 1.82 |
|  | 15 | 5 | 0.37 | 2.85 | 3.29 |
| | 20 | 6 | 0.42 | 2.25 | 2.59 |
| | 25 | 7 | 0.47 | 1.85 | 2.13 |
|  | 15 | 5 | 0.18 | 2.77 | 3.20 |
| | 20 | 6 | 0.21 | 2.25 | 2.59 |
| | 25 | 7 | 0.24 | 1.89 | 2.18 |
| | 30 | 8 | 0.26 | 1.56 | 1.81 |

| MPR 15 Series 30° Trajectory | | | | | |
|--|----------------|---------------|------------|-------------|-------------|
| Nozzle | Pressure (PSI) | Radius (Feet) | Flow (GPM) | Precip In/h | Precip In/h |
|  | 15 | 11 | 2.60 | 2.07 | 2.39 |
| | 20 | 12 | 3.00 | 2.01 | 2.32 |
| | 25 | 14 | 3.30 | 1.62 | 1.87 |
| | 30 | 15 | 3.70 | 1.58 | 1.83 |
|  | 15 | 11 | 1.30 | 2.07 | 2.39 |
| | 20 | 12 | 1.50 | 2.01 | 2.32 |
| | 25 | 14 | 1.65 | 1.62 | 1.87 |
|  | 15 | 11 | 0.65 | 2.07 | 2.39 |
| | 20 | 12 | 0.75 | 2.01 | 2.32 |
| | 25 | 14 | 0.82 | 1.62 | 1.87 |
| | 30 | 15 | 0.92 | 1.58 | 1.83 |

| 1300 Series | | |
|---|----------------|------------|
| Nozzle | Pressure (PSI) | Flow (GPM) |
|  | 10 | 1.0 |
| | 20 | 1.4 |
| | 30 | 1.7 |
| | 40 | 1.9 |
| | 50 | 2.1 |
| | 60 | 2.3 |

| AP 12 Series 15° Trajectory | | | | | |
|---|----------------|---------------|------------|-------------|-------------|
| Nozzle | Pressure (PSI) | Radius (Feet) | Flow (GPM) | Precip In/h | Precip In/h |
|  | 15 | 9 | 1.56 | 1.86 | 2.14 |
| | 20 | 10 | 1.86 | 1.79 | 2.06 |
| | 25 | 11 | 2.12 | 1.68 | 1.95 |
| | 30 | 12 | 2.36 | 1.58 | 1.82 |
|  | 15 | 9 | 1.17 | 1.86 | 2.14 |
| | 20 | 10 | 1.39 | 1.79 | 2.06 |
| | 25 | 11 | 1.59 | 1.68 | 1.94 |
|  | 15 | 9 | 0.78 | 1.86 | 2.14 |
| | 20 | 10 | 0.93 | 1.79 | 2.06 |
| | 25 | 11 | 1.06 | 1.68 | 1.95 |
|  | 15 | 9 | 0.39 | 1.86 | 2.14 |
| | 20 | 10 | 0.46 | 1.79 | 2.06 |
| | 25 | 11 | 0.53 | 1.68 | 1.95 |
| | 30 | 12 | 0.59 | 1.58 | 1.82 |

| AP 15 Series 23° Trajectory | | | | | |
|---|----------------|---------------|------------|-------------|-------------|
| Nozzle | Pressure (PSI) | Radius (Feet) | Flow (GPM) | Precip In/h | Precip In/h |
|  | 15 | 11 | 2.60 | 2.07 | 2.39 |
| | 20 | 12 | 3.00 | 2.01 | 2.32 |
| | 25 | 14 | 3.30 | 1.62 | 1.87 |
| | 30 | 15 | 3.70 | 1.58 | 1.83 |
|  | 15 | 11 | 1.95 | 2.07 | 2.39 |
| | 20 | 12 | 2.25 | 2.01 | 2.32 |
| | 25 | 14 | 2.48 | 1.62 | 1.87 |
|  | 15 | 11 | 1.30 | 2.07 | 2.39 |
| | 20 | 12 | 1.50 | 2.01 | 2.32 |
| | 25 | 14 | 1.65 | 1.62 | 1.87 |
|  | 15 | 11 | 0.65 | 2.07 | 2.39 |
| | 20 | 12 | 0.75 | 2.01 | 2.32 |
| | 25 | 14 | 0.82 | 1.62 | 1.87 |
| | 30 | 15 | 0.92 | 1.58 | 1.83 |

| AP 18 Series 26° Trajectory | | | | | |
|---|----------------|---------------|------------|-------------|-------------|
| Nozzle | Pressure (PSI) | Radius (Feet) | Flow (GPM) | Precip In/h | Precip In/h |
|  | 15 | 14 | 4.21 | 2.07 | 2.39 |
| | 20 | 15 | 4.70 | 2.01 | 2.32 |
| | 25 | 17 | 4.86 | 1.62 | 1.87 |
| | 30 | 18 | 5.32 | 1.58 | 1.83 |
|  | 15 | 14 | 3.16 | 2.07 | 2.39 |
| | 20 | 15 | 3.52 | 2.01 | 2.32 |
| | 25 | 17 | 3.65 | 1.62 | 1.87 |
|  | 15 | 14 | 2.11 | 2.07 | 2.39 |
| | 20 | 15 | 2.35 | 2.01 | 2.32 |
| | 25 | 17 | 2.43 | 1.62 | 1.87 |
|  | 15 | 14 | 1.05 | 2.07 | 2.39 |
| | 20 | 15 | 1.17 | 2.01 | 2.32 |
| | 25 | 17 | 1.22 | 1.62 | 1.87 |
| | 30 | 18 | 1.33 | 1.58 | 1.83 |

■ Square spacing based on 50% diameter of throw.
▲ Triangular spacing based on 50% diameter of throw.
Performance data collected in zero wind conditions.

* Turn nozzle screw clockwise to reduce spray distance up to 25%.

| | Model | Feature | Pop Up Height | Spray Pattern | Spray Distance | Case Pack | |
|---|---|--------------------|--|---------------|----------------|-----------|----|
| 1800° SERIES HIGH EFFICIENCY ADJUSTABLE PATTERN HE-VAN | | | | | | | |
|  |  | 1804HEVNPR | Pressure Regulator, High Efficiency & Check Valve | 4" | 0–360° | 12'–15' | 25 |
| | | 1804HV15PR | Pressure Regulator & High Efficiency | 4" | 0–360° | 12'–15' | 18 |
| |  | 1802HEVN15 | High Efficiency | 2" | 0–360° | 12'–15' | 18 |
| | | 1802HV15PR | Pressure Regulator & High Efficiency | 2" | 0–360° | 12'–15' | 18 |
| |  | 1804HEVN15 | High Efficiency | 4" | 0–360° | 12'–15' | 18 |
| | | | | | | | |
| 1800° SERIES HIGH EFFICIENCY FIXED PATTERN DUAL SPRAY | | | | | | | |
|  |  | 1802FDS | | 2" | 360° | 12'–15' | 18 |
| | | 1802FDSPRS | Pressure Regulator | 2" | 360° | 12'–15' | 18 |
| |  | 1802HDS | | 2" | 180° | 12'–15' | 18 |
| | | 1802HDSPRS | Pressure Regulator | 2" | 180° | 12'–15' | 18 |
| |  | 1802QDS | | 2" | 90° | 12'–15' | 18 |
| | | 1802QDSPRS | Pressure Regulator | 2" | 90° | 12'–15' | 18 |
|  |  | 1803DSF | | 3" | 360° | 12'–15' | 18 |
| | | 1803FDSPRS | Pressure Regulator | 3" | 360° | 12'–15' | 18 |
| |  | 1803DSH | | 3" | 180° | 12'–15' | 18 |
| | | 1803HDSPRS | Pressure Regulator | 3" | 180° | 12'–15' | 18 |
| |  | 1803DSQ | | 3" | 90° | 12'–15' | 18 |
| | | 1803QDSPRS | Pressure Regulator | 3" | 90° | 12'–15' | 18 |
|  |  | 1804FDS | | 4" | 360° | 12'–15' | 18 |
| | | 1804FDS-25 | | 4" | 360° | 12'–15' | 25 |
| | | 1804FDSP25 | Pressure Regulator | 4" | 360° | 12'–15' | 25 |
| |  | 1804HDS | | 4" | 180° | 12'–15' | 18 |
| | | 1804HDS-25 | | 4" | 180° | 12'–15' | 25 |
| | | 1804HDSP25 | Pressure Regulator | 4" | 180° | 12'–15' | 25 |
|  | 1804QDS | | 4" | 90° | 12'–15' | 18 | |
| | 1804QDS-25 | | 4" | 90° | 12'–15' | 25 | |
| | 1804QDSP25 | Pressure Regulator | 4" | 90° | 12'–15' | 25 | |

| | Model | Feature | Pop Up Height | Spray Pattern | Spray Distance | Case Pack |
|---|--|--------------------|---------------|---------------|----------------|-----------|
| 1800° SERIES PROFESSIONAL GRADE – STANDARD | | | | | | |
|  |  1802F | | 2" | 360° | 12'-15' | 18 |
| | 1802F-25 | | 2" | 360° | 12'-15' | 25 |
| |  1802H | | 2" | 180° | 12'-15' | 18 |
| | 1802H-25 | | 2" | 180° | 12'-15' | 25 |
| |  1802Q | | 2" | 90° | 12'-15' | 18 |
| | 1802Q-25 | | 2" | 90° | 12'-15' | 25 |
| |  1802AP4 | | 2" | 0-360° | 4' | 18 |
| | 1802AP4PRS | Pressure Regulator | 2" | 0-360° | 4' | 18 |
| | 1802AP8 | | 2" | 0-360° | 8' | 18 |
| | 1802AP8PRS | Pressure Regulator | 2" | 0-360° | 8' | 18 |
| 1802VANS | | 2" | 0-360° | 12'-15' | 18 | |
| 1802APPRS | Pressure Regulator | 2" | 0-360° | 12'-15' | 18 | |
|  1803VANS | | | 3" | 0-360° | 12'-15' | 18 |
| 1803APPRS | Pressure Regulator | | 3" | 0-360° | 12'-15' | 18 |
|  |  1804FS | | 4" | 360° | 12'-15' | 18 |
| | 1804F-25 | | 4" | 360° | 12'-15' | 25 |
| |  1804HS | | 4" | 180° | 12'-15' | 18 |
| | 1804H-25 | | 4" | 180° | 12'-15' | 25 |
| |  1804QS | | 4" | 90° | 12'-15' | 18 |
| | 1804Q-25 | | 4" | 90° | 12'-15' | 25 |
| |  1804AP4 | | 4" | 0-360° | 3'-4' | 18 |
| | 1804AP4PRS | Pressure Regulator | 4" | 0-360° | 3'-4' | 18 |
| | 1804AP8 | | 4" | 0-360° | 6'-8' | 18 |
| | 1804AP8PRS | Pressure Regulator | 4" | 0-360° | 6'-8' | 18 |
| 1804VANS | | 4" | 0-360° | 12'-15' | 18 | |
| 1804AP-25 | | 4" | 0-360° | 12'-15' | 25 | |
| 1804APPR25 | Pressure Regulator | 4" | 0-360° | 12'-15' | 25 | |
|  1806AP | | | 6" | 0-360° | 12'-15' | 24 |
| 1806APPRS | Pressure Regulator | | 6" | 0-360° | 12'-15' | 24 |
|  1812AP | | | 12" | 0-360° | 12'-15' | 24 |
| 1812APPRS | Pressure Regulator | | 12" | 0-360° | 12'-15' | 24 |

| | Model | Feature | Pop Up Height | Spray Pattern | Spray Distance | Case Pack |
|---|---------------------------------------|---------|---------------|---------------|----------------|-----------|
|  | 1800° SERIES LESS NOZZLES (LN) | | | | | |
| | 1802LN | | 2" | – | – | 36 |
| | 1802LNPRS | | | | | |
| | 1803LN | | 3" | – | – | 36 |
| | 1804LN | | 4" | – | – | 36 |
| | 1804LNS | | 4" | – | – | 18 |
| 1804LNPRS | | 4" | – | – | 36 | |
| | 1806LNS | | 6" | – | – | 18 |

| | HE-VAN NOZZLES | HIGH EFFICIENCY ADJUSTABLE PATTERN | | | |
|---|----------------|------------------------------------|---------|--------|----|
|  | HE-VAN08 | | 6'–8' | 0–360° | 25 |
|  | HE-VAN10 | | 8'–10' | 0–360° | 25 |
|  | HE-VAN12 | | 9'–12' | 0–360° | 25 |
|  | HE-VAN15 | | 12'–15' | 0–360° | 25 |

| | DUAL SPRAY™ NOZZLES | HIGH EFFICIENCY FIXED PATTERN | | | |
|---|---------------------|-------------------------------|--------|------|----|
|  | 12DSF | | 9'–12' | 360° | 25 |
|  | 12DSH | | 9'–12' | 180° | 25 |
|  | 12DHQ | | 9'–12' | 90° | 25 |

| | Model | Nozzle Distance | Pattern | Case Pack |
|---|----------------|-----------------|--------------|-----------|
| MPR NOZZLES MATCHED PRECIPITATION RATE | | | | |
|   | 8FC1 | 6'-8' | 360° | 25 |
|   | 8HC1 | 6'-8' | 180° | 25 |
|   | 8QC1 | 6'-8' | 90° | 25 |
|   | 12AP | 9'-12' | 0-360° | 25 |
|   | 15FC1 | 12'-15' | 360° | 25 |
|   | 15HC1 | 12'-15' | 180° | 25 |
|   | 15QC1 | 12'-15' | 90° | 25 |
|   | 15AP | 12'-15' | 0-360° | 25 |
|   | 18AP | 14'-18' | 0-360° | 25 |
| MPR NOZZLES SPECIAL PATTERN | | | | |
|   | 15CSTC1 | 4' x 30' | Center Strip | 25 |
|   | 15ESTC1 | 4' x 15' | End Strip | 25 |
|   | 15SSTC1 | 4' x 30' | Side Strip | 25 |

| | | Model | Nozzle Distance | Pattern | Case Pack |
|---|--|--------------|-----------------|--------------|-----------|
| 17 SERIES SHRUB NOZZLES | | | | | |
|  |  | A17F | 12'-15' | 360° | 25 |
|  |  | A17H | 12'-15' | 180° | 25 |
|  |  | A17Q | 12'-15' | 90° | 25 |
|  |  | A17AP | 12'-15' | 0-360° | 25 |
| 13 SERIES BUBBLER | | | | | |
|  |  | 1300 | 1'-3' | 360° Bubbler | 25 |

2 Simple Repairs To Restore Sprinkler Operation And Save Water

REPLACE A BROKEN SPRAY HEAD

Problems:

- The sprinkler's top cap and stem are damaged by cars or mowers.
- The sprinkler's stem will not pop up or retract properly.
- The underground connection may also be damaged (visible after removing soil around the head).

Solution:



1 Turn off water to the zone and carefully remove dirt around the sprinkler. Take care in not damaging any underground pipe or fittings.



2 Unscrew the old head. TIP: Check the threaded riser or other connector under the head. If it is also damaged, remove more soil to expose the entire fitting. Replace with with proper fitting thread and length.



3 Clean the threads and apply Teflon® tape to the male connector. Then screw on the new head.



4 Pull up stem and remove nozzle. Rain Bird Stem Pull-Up Tool PTC-1 shown (page 50).



5 Turn on water to flushing the head.



6 Replace nozzle and smooth dirt around the head.

REPLACE SPRINKLER NOZZLE ONLY

Problems:

- Sprinkler isn't covering the desired area – dry, brown grass visible
- Sprinkler is overwatering sidewalks or buildings
- You wish to convert to water-saving nozzles

Solution:



1 Pull up sprinkler stem by hand or using the Rain Bird tool (PTC1, page 50).



2 Remove old nozzle and filter screen.



3 Purchase a new nozzle with proper pattern and throw distance. See selection guide, page 7. Insert new filter screen screw on the new nozzle. (Hand tighten only.)



4 Activate the zone and adjust watering coverage. Follow instructions on the package to adjust spray direction and pattern.

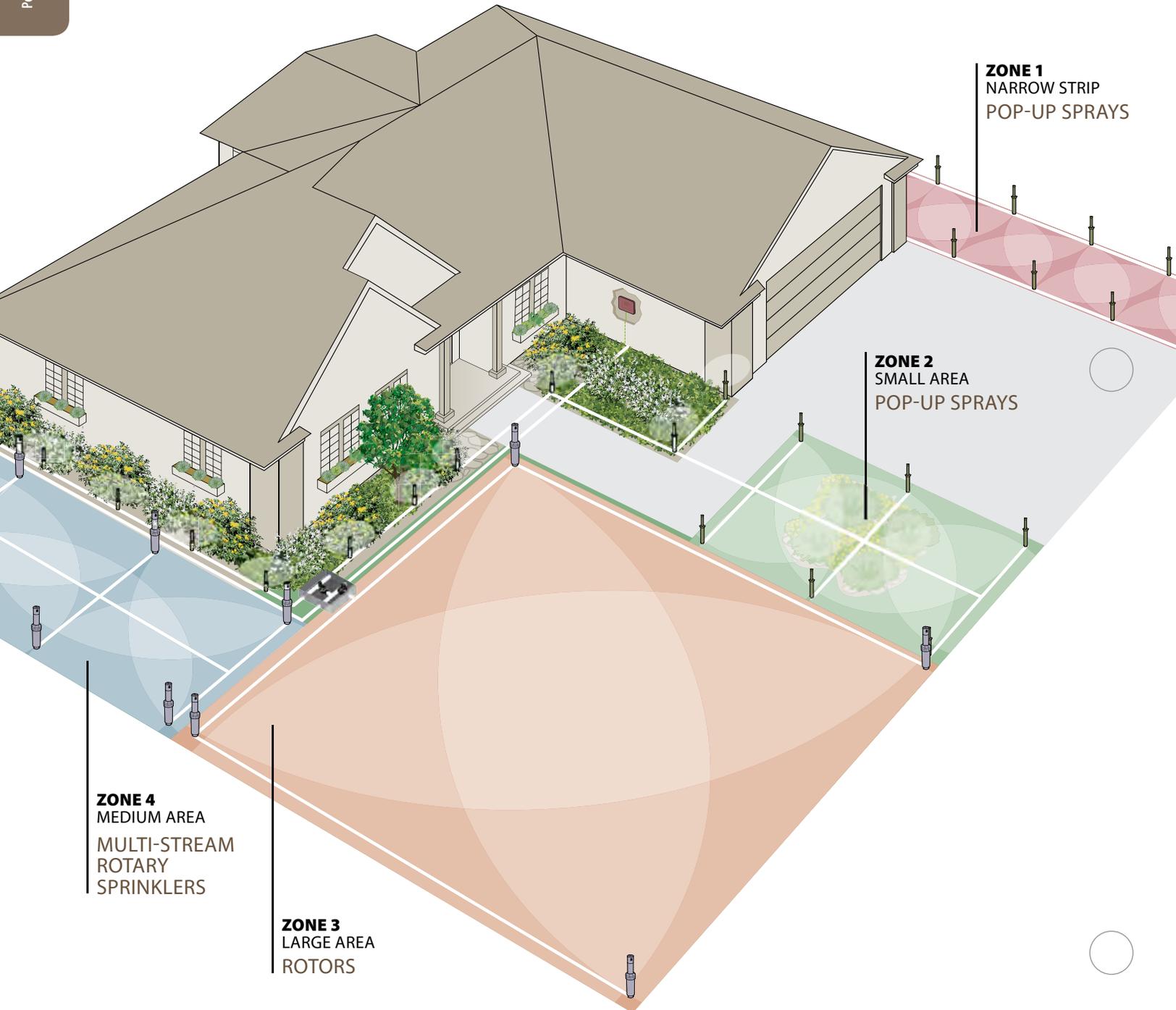


5 Adjust spray distance.

A Typical Residential Underground Sprinkler System

To ensure that proper amounts of water are applied in all sections of the lawn, use sprinklers matched to the coverage area. Small areas can be watered with pop-up sprays rated for 8 to 15 feet throw distance. For medium areas from 13 to 24 feet, use multi-stream rotary sprinklers. And larger areas up to 50 feet are best served with rotors and impact sprinklers. For assistance with sprinkler selection and general system design, take advantage of the free Rain Bird Design Service (page 107).

Pop-Up Sprays
& Nozzles





Rotors and Rotary Sprinklers

Rugged, long-life sprinklers with superior water distribution



Introduction

Pop-Up Sprays
& Nozzles

Rotors

Impact Sprinklers

Timers

Valves

Accessories

Drip Irrigation

Hose End Products

Design Service



Rotors

Rotors and Rotary Sprinklers

Featuring Rain Curtain™ Nozzle Technology

Only Rain Bird rotors provide the exceptional watering uniformity of Rain Curtain™ nozzle technology.

Overview

Choice of gear drive rotors or multi-stream rotary sprinklers

Throw distances range from 8' to 50'

Preferred by irrigation professionals, Rain Bird closed-case design keeps out dirt and debris, even in harsh service such as sandy soil

“SA” Series rotors feature simple adjustments for rotor arc and distance, keeping water on the grass and not on the sidewalk or driveway



Competitive rotor with uneven water delivery

Rain Curtain advantages include:

Larger droplets fall exactly where you want them, reducing windblown overspray waste

Enhanced close-in coverage eliminates dry brown spots near the rotor

Shorter cycle times reduce overall water use and save on your water bill



| Spray Head Selections | Rotary Sprinklers | | | Simple Adjust Rotors | | | | | |
|------------------------|-------------------|------|------|----------------------|---------------|-------|---------------------|---------------|-----------------------|
| Model Prefix | 8SA | 12SA | 22SA | 32SA | 3504 | 42SA+ | 42SA+PRSCP | 5004 | 52SA |
| Spray Arc (Pattern) | 360°, 45°-270° | | | 40°-360° | | | | | |
| Maximum Throw Distance | 14' | 18' | 24' | 32' | 32' | 38' | 38' | 38' | 50' |
| Special Features | | | | | Extra Nozzles | | Pressure Regulating | Extra Nozzles | Stainless Steel Shaft |
| Page | 21 | 21 | 21 | 19 | 20 | 19 | 19 | 20 | 19 |



Features

Water lubricated gear-driven mechanism for quiet operation and long life

Simple top adjustment for arc and distance

All models pre-installed with a 3.0 GPM nozzle

Other nozzles available (Page 23-24):
 • Order 32SANZLPK for 32SA
 • Order 4252NZLPK for 42SA+ and 52SA

Non-potable identified models also available with purple caps



42SA+ Pressure Regulating Rotor

Reduces or eliminates misting and fogging due to high inlet pressure

Eliminates head-to-head pressure variations

Improves distribution uniformity by operating at optimum pressure (45 psi)

42SA+PRSCP

GEAR-DRIVE ROTORS 32SA, 42SA+ AND 52SA

- » Medium to large areas up to 50' radius
- » True 4" pop-up height
- » Reversing full and part circle rotation from 40° to 360°

Operating Specifications

| | 32SA | 42SA+ 42SA+PRSCP | 52SA |
|-----------------|--------------|---------------------|--------------|
| Spacing: | 19' to 32' | 26' to 38' | 25' to 50' |
| Pressure Range: | 25 to 55 psi | 25 to 65 psi | 35 to 55 psi |
| Inlet: | 1/2" bottom | 3/4" bottom | 3/4" bottom |

| MODEL | SPRAY DISTANCE | PATTERN |
|-----------------------|----------------|---------------------|
| 32SA | | |
| 32SA/2PK | 19'–32' | 40°–360° Adjustable |
| 32SA/4PK | | |
| 42SA+ | | |
| 42SA/2PK | 26'–38' | 40°–360° Adjustable |
| 42SA/4PK | | |
| NEW 42SA+NP | | |
| NEW 42SA+PRSCP | | |
| 52SA | 25'–50' | 40°–360° Adjustable |



32SA

42SA+

52SA

2 Packs



4 Packs





Rotors

PROFESSIONAL GRADE ROTORS 3504 AND 5004

- » Medium areas up to 38' radius
- » Durable rubber top cover
- » Extra nozzles allow balancing flow rates on the zone and adjusting rotor trajectory

Operating Specifications

| | 3504 | 5004 |
|-----------------|--------------|--------------|
| Spacing: | 19' to 32' | 26' to 38' |
| Pressure Range: | 25 to 55 psi | 25 to 65 psi |
| Inlet: | 1/2" bottom | 3/4" bottom |

| MODEL | SPRAY DISTANCE | PATTERN |
|-------|----------------|-----------------------|
| 3504 | 19' - 32' | 40° - 360° Adjustable |
| 5004 | 26' - 38' | 40° - 360° Adjustable |

Features

Dual action, positive stop wiper seal protects internals from debris and assures positive pop-up and retraction

Reversing part circle rotation from 40° to 360°

Water lubricated gear-driven mechanism for quiet operation and long life

Arc is factory preset at 180 degrees for installation convenience

Simple top adjustment to increase or decrease arc and spray distance

Both models include a pre-installed 3.0 GPM nozzle



Radius adjustment screw allows up to 25% reduction of throw distance without changing nozzles.



5004 3504

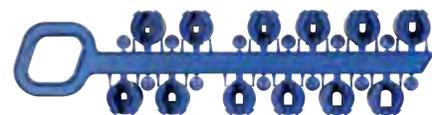
Extra 3504 rotor nozzles included:

- (1) 0.75, (1) 1.0, (1) 1.5, (1) 2.0,
- (1) 3.0 and (1) 4.0 GPM



Extra 5004 rotor nozzles included:

- (4) Low Angle 1.0 - 3.0
- (4) Low Flow 1.5 - 3.0 GPM
- (4) Standard 4.0 - 8.0 GPM





MULTI-STREAM ROTARY SPRINKLERS 8SA, 12SA AND 22SA

- » Up to 30% water savings compared to pop-up sprays
- » Small areas up to 24' radius
- » 4" pop-up height

Operating Specifications

| | 8SA | 12SA | 22SA |
|---------------------------------|--|--------------|--------------|
| Spacing: | 8' to 14' | 13' to 18' | 17' to 24' |
| Pressure Range: | 30 to 55 psi | 30 to 55 psi | 30 to 55 psi |
| Recommended Operating Pressure: | 45 psi | 45 psi | 45 psi |
| Adjustments: | Arc and radius can be hand adjusted while water is running | | |

Rotors

Features

Multiple rotating streams distribute water uniformly

Slow distribution rate of 0.6 inches per hour is ideal for newly seeded areas and slopes

Pressure-activated wiper seal protects mechanism from creeping grasses and sandy soil

1/2" bottom inlet



Variable arc rotary sprinklers combine watering efficiency with the simplicity of 45°–270° pattern adjustment by hand, with no tools required.



Pull up nozzle cap to flush debris

PRESSURE-REGULATED SERIES

- PRS regulator stem stops high-pressure misting
- Optimized pressure for best nozzle performance

| | ITEM ID | SPRAY DISTANCE | POP UP HEIGHT | PATTERN |
|-----|------------|----------------|---------------|----------|
| NEW | 8SAFPROPR | 8' – 14' | 4" | 360° |
| NEW | 8SAPROPR | 8' – 14' | 4" | 45°–270° |
| NEW | 12SAFPROPR | 13' – 18' | 4" | 360° |
| NEW | 12SAPROPR | 13' – 18' | 4" | 45°–270° |
| NEW | 22SAFPROPR | 17' – 24' | 4" | 360° |
| NEW | 22SAPROPR | 17' – 24' | 4" | 45°–270° |



8SA

12SA

22SA

STANDARD MULTI-STREAM ROTARY SPRINKLERS

Small areas up to 24' radius

| | ITEM ID | SPRAY DISTANCE | POP UP HEIGHT | PATTERN |
|-----|------------|----------------|---------------|----------|
| NEW | 8SAFPRO | 8' – 14' | 4" | 360° |
| NEW | 8SARVAPRO | 8' – 14' | 4" | 45°–270° |
| NEW | 12SAFRO | 13' – 18' | 4" | 360° |
| NEW | 12SARVAPRO | 13' – 18' | 4" | 45°–270° |
| NEW | 22SAFRO | 17' – 24' | 4" | 360° |
| NEW | 22SARVAPRO | 17' – 24' | 4" | 45°–270° |



Rotors



MULTI-STREAM ROTARY NOZZLES 14RN, 18RN AND 24RN

- » Up to 30% water savings compared to standard spray nozzles
- » Use with Rain Bird rotary sprinklers or pop-up spray heads
- » Simple upgrade for spray zones with excessive runoff or dry, brown spots
- » Includes nozzle and filter screen

| ITEM ID | SPRAY DISTANCE | COLOR | PATTERN |
|----------------------|----------------|------------|------------|
| NEW 14RNFPRO | 8' - 14' | Periwinkle | 360° |
| NEW 14RNVAPRO | 8' - 14' | Periwinkle | 45° - 270° |
| NEW 18RNFPRO | 13' - 18' | Goldenrod | 360° |
| NEW 18RNVAPRO | 13' - 18' | Goldenrod | 45° - 270° |
| NEW 24RNFPRO | 17' - 24' | Burgundy | 360° |
| NEW 24RNVAPRO | 17' - 24' | Burgundy | 45° - 270° |

14RN Series Nozzles

| Nozzle | Pressure (PSI) | Radius (Feet) | Flow (GPM) |
|---|----------------|---------------|------------------|
|  | 30 | 13 | 1.10 |
| | 35 | 13 | 1.12 |
| | 40 | 14 | 1.22 |
| | 45 | 14 | 1.27 |
| | 50 | 15 | 1.41 |
|  | 30 | 13 | 0.28-0.84 |
| | 35 | 13 | 0.29-0.87 |
| | 40 | 14 | 0.31-0.92 |
| | 45 | 14 | 0.32-0.94 |
| | 50 | 15 | 0.37-1.11 |
| 55 | 15 | 0.39-1.17 | |

18RN Series Nozzles

| Nozzle | Pressure (PSI) | Radius (Feet) | Flow (GPM) |
|---|----------------|---------------|------------------|
|  | 30 | 16 | 1.65 |
| | 35 | 16 | 1.67 |
| | 40 | 17 | 1.80 |
| | 45 | 17 | 1.85 |
| | 50 | 18 | 2.05 |
|  | 30 | 16 | 0.42-1.26 |
| | 35 | 16 | 0.47-1.35 |
| | 40 | 17 | 0.50-1.42 |
| | 45 | 17 | 0.50-1.51 |
| | 50 | 18 | 0.54-1.57 |
| 55 | 18 | 0.58-1.62 | |

24RN Series Nozzles

| Nozzle | Pressure (PSI) | Radius (Feet) | Flow (GPM) |
|---|----------------|---------------|------------------|
|  | 30 | 19 | 2.35 |
| | 35 | 20 | 2.52 |
| | 40 | 22 | 3.13 |
| | 45 | 23 | 3.48 |
| | 50 | 24 | 3.61 |
|  | 30 | 19 | 0.60-1.80 |
| | 35 | 20 | 0.65-1.95 |
| | 40 | 22 | 0.77-2.31 |
| | 45 | 23 | 0.84-2.52 |
| | 50 | 24 | 0.94-2.82 |
| 55 | 24 | 0.96-2.88 | |



14RNFPRO, 14RNVAPRO



18RNFPRO, 18RNVAPRO



24RNFPRO, 24RNVAPRO



GEAR-DRIVE ROTORS NOZZLE SETS

- » Repair or fine-tune coverage for a healthier lawn
- » Easily change flow rates to even out the amount of water being sprayed between rotors that are set for different patterns
- » Customize flow for particular conditions such as slopes or low water pressure
- » Clear tree branches or adjust for windy conditions with low angle nozzles

Rotors

| MODEL | FOR MODELS | NOZZLES INCLUDED |
|-----------|---------------------|---|
| 32SANZLPK | 32SA & 3504 Rotors | Standard Nozzles: 2.0, 3.0, 4.0 Low Flow: 0.75, 1.0, 1.5 |
| 4252NZLPK | 42SA+ & 52SA Rotors | Standard Nozzles: 4.0, 5.0, 6.0, 8.0 Low Flow: 1.5, 2.0, 2.5, 3.0 Low Angle: 1.0, 1.5, 2.0, 3.0 |



32SA Nozzles

| Pressure (PSI) | Nozzle | Radius (Feet) | Flow (GPM) |
|----------------|--------|---------------|------------|
| 25 | 0.75 | 15 | 0.5 |
| | 1.0 | 20 | 0.8 |
| | 1.5 | 23 | 1.1 |
| | 2.0 | 27 | 1.4 |
| | 3.0 | 29 | 2.2 |
| | 4.0 | 31 | 3.0 |
| 45 | 0.75 | 17 | 0.8 |
| | 1.0 | 21 | 1.1 |
| | 1.5 | 24 | 1.5 |
| | 2.0 | 27 | 1.9 |
| | 3.0 | 30 | 3.0 |
| | 4.0 | 35 | 4.1 |
| 55 | 0.75 | 18 | 0.9 |
| | 1.0 | 22 | 1.2 |
| | 1.5 | 24 | 1.7 |
| | 2.0 | 28 | 2.2 |
| | 3.0 | 32 | 3.3 |
| | 4.0 | 35 | 4.6 |



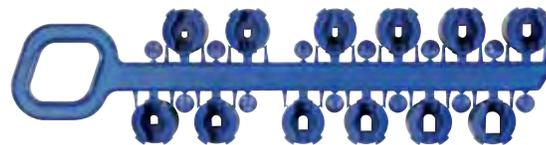
32SANZLPK

42SA+ Nozzles – Standard

| Pressure (PSI) | Nozzle | Radius (Feet) | Flow (GPM) |
|----------------|--------|---------------|------------|
| 25 | 1.5 | 33 | 1.1 |
| | 2.0 | 35 | 1.5 |
| | 2.5 | 35 | 1.8 |
| | 3.0 | 36 | 2.3 |
| | 4.0 | 37 | 2.9 |
| | 5.0 | 39 | 3.7 |
| | 6.0 | 39 | 4.2 |
| | 8.0 | 36 | 5.9 |
| 35 | 1.5 | 34 | 1.3 |
| | 2.0 | 36 | 1.8 |
| | 2.5 | 37 | 2.2 |
| | 3.0 | 38 | 2.7 |
| | 4.0 | 40 | 3.5 |
| | 5.0 | 41 | 4.5 |
| | 6.0 | 43 | 5.2 |
| | 8.0 | 43 | 7.1 |
| 45 | 1.5 | 35 | 1.5 |
| | 2.0 | 37 | 2.5 |
| | 2.5 | 37 | 3.1 |
| | 3.0 | 40 | 3.1 |
| | 4.0 | 42 | 4.0 |
| | 5.0 | 45 | 5.1 |
| | 6.0 | 46 | 6.0 |
| | 8.0 | 47 | 8.0 |
| 55 | 1.5 | 35 | 1.7 |
| | 2.0 | 37 | 2.3 |
| | 2.5 | 37 | 2.8 |
| | 3.0 | 40 | 3.5 |
| | 4.0 | 42 | 4.4 |
| | 5.0 | 45 | 5.7 |
| | 6.0 | 47 | 6.6 |
| | 8.0 | 50 | 8.9 |
| 65 | 1.5 | 34 | 1.9 |
| | 2.0 | 35 | 2.5 |
| | 2.5 | 37 | 3.0 |
| | 3.0 | 40 | 3.8 |
| | 4.0 | 42 | 4.8 |
| | 5.0 | 45 | 6.2 |
| | 6.0 | 48 | 7.2 |
| | 8.0 | 50 | 9.7 |

52SA Nozzles

| Pressure (PSI) | Nozzle | Radius (Feet) | Flow (GPM) |
|----------------|--------|---------------|------------|
| 35 | 1.5 | 34 | 1.35 |
| | 2.0 | 36 | 1.81 |
| | 2.5 | 37 | 2.17 |
| | 3.0 | 38 | 2.71 |
| | 4.0 | 40 | 3.50 |
| | 5.0 | 41 | 4.47 |
| | 6.0 | 43 | 5.23 |
| | 8.0 | 43 | 7.06 |
| 45 | 1.5 | 35 | 1.54 |
| | 2.0 | 37 | 2.07 |
| | 2.5 | 37 | 2.51 |
| | 3.0 | 40 | 3.09 |
| | 4.0 | 42 | 4.01 |
| | 5.0 | 45 | 5.09 |
| | 6.0 | 46 | 6.01 |
| | 8.0 | 47 | 8.03 |
| 55 | 1.5 | 35 | 1.71 |
| | 2.0 | 37 | 2.30 |
| | 2.5 | 37 | 2.76 |
| | 3.0 | 40 | 3.47 |
| | 4.0 | 42 | 4.44 |
| | 5.0 | 45 | 5.66 |
| | 6.0 | 47 | 6.63 |
| | 8.0 | 50 | 8.86 |



4252+NZLPK

42SA+ Nozzles – Low Angle

| Pressure (PSI) | Nozzle | Radius (Feet) | Flow (GPM) |
|----------------|--------|---------------|------------|
| 25 | 1.0 | 25 | 0.7 |
| | 1.5 | 27 | 1.1 |
| | 2.0 | 28 | 1.5 |
| | 3.0 | 29 | 2.2 |
| 35 | 1.0 | 28 | 0.9 |
| | 1.5 | 30 | 1.4 |
| | 2.0 | 31 | 1.8 |
| 45 | 3.0 | 33 | 2.7 |
| | 1.0 | 29 | 1.0 |
| | 1.5 | 31 | 1.6 |
| 55 | 2.0 | 32 | 2.0 |
| | 3.0 | 35 | 3.1 |
| | 1.0 | 29 | 1.1 |
| 65 | 1.5 | 31 | 1.8 |
| | 2.0 | 33 | 2.2 |
| | 3.0 | 36 | 3.4 |
| | 1.0 | 29 | 1.2 |
| 65 | 1.5 | 31 | 2.0 |
| | 2.0 | 33 | 2.4 |
| | 3.0 | 36 | 3.7 |

| | Item ID | Model | Height | Pattern | Pop Up Distance | UPC | Per Pack | Per Case |
|---|---------|---|--------|----------|-----------------|--------------|----------|----------|
|    | W11101 | 8SAFPRO | 4" | 360° | 8' – 14' | 077985079772 | 1 | 14 |
|    | W11100 | 8SARVAPRO | 4" | 45°–270° | 8' – 14' | 077985079765 | 1 | 14 |
|    | W11105 | 8SAFPROPR Pressure Regulated | 4" | 360° | 8' – 14' | 077985079833 | 1 | 14 |
|    | W11104 | 8SAPROPR Pressure Regulated | 4" | 45°–270° | 8' – 14' | 077985079826 | 1 | 14 |
|    | W12101 | 12SAFPRO | 4" | 360° | 13' – 18' | 077985079796 | 1 | 14 |
|    | W12100 | 12SARVAPRO | 4" | 45°–270° | 13' – 18' | 077985079789 | 1 | 14 |
|    | W12105 | 12SAFPROPR Pressure Regulated | 4" | 360° | 13' – 18' | 077985079857 | 1 | 14 |
|    | W12104 | 12SAPROPR Pressure Regulated | 4" | 45°–270° | 13' – 18' | 077985079840 | 1 | 14 |
|    | W22101 | 22SAFPRO | 4" | 360° | 17' – 24' | 077985079819 | 1 | 14 |
|    | W22100 | 22SARVAPRO | 4" | 45°–270° | 17' – 24' | 077985079802 | 1 | 14 |
|    | W22105 | 22SAFPROPR Pressure Regulated | 4" | 360° | 17' – 24' | 077985079871 | 1 | 14 |
|    | W22104 | 22SAPROPR Pressure Regulated | 4" | 45°–270° | 17' – 24' | 077985079864 | 1 | 14 |

Rotors

| Item ID | Model | Height | Pattern | Pop Up Distance | UPC | Per Pack | Per Case |
|---|--|--------------------|------------------|---------------------|---------------------|--------------|--------------|
| GEAR-DRIVE ROTORS | | | | | | | |
|  | W32001 | 32SA | 4" | 40°–360° Adjustable | 19'–32' | 077985000417 | 24 |
| | W32001T | 32SA | 4" | 40°–360° Adjustable | 19'–32' | 077985000417 | 24 |
| | W32009 | 32SAS | 4" | 40°–360° Adjustable | 19'–32' | 077985000417 | 24 |
| | W32012 | 32SAN (NOM) | 4" | 40°–360° Adjustable | 19'–32' | 077985000417 | 24 |
|  | W32020 | 32SA/4PK | 4" | 40°–360° Adjustable | 19'–32' | 077985007904 | 5 |
| | ? | 32SA/4PKS | 4" | 40°–360° Adjustable | 19'–32' | 077985007904 | 5 |
|  | W42003T | 42SA | 4" | 40°–360° Adjustable | 26'–38' | 077985000936 | 28 |
| | W42122 | 42SA 2PKQP | 4" | 40°–360° Adjustable | 26'–38' | 077985000936 | 28 |
| | W42003 | 42SA+ | 4" | 40°–360° Adjustable | 26'–38' | 077985000936 | 28 |
| | W42015 | 42SA+N | 4" | 40°–360° Adjustable | 26'–38' | 077985000936 | 28 |
| | W42018 | 42SA+NP | 4" | 40°–360° Adjustable | 26'–38' | 077985081997 | 28 |
| | W42023 | 42SA+PRSCP | 4" | 40°–360° Adjustable | 26'–38' | 077985000936 | 28 |
| | W42003F | 42SA+ROTOR | 4" | 40°–360° Adjustable | 26'–38' | 077985000936 | 28 |
| | W42005 | 42SA+S | 4" | 40°–360° Adjustable | 26'–38' | 077985000936 | 28 |
| | W42122F | 42SA2PK QP | 4" | 40°–360° Adjustable | 26'–38' | 077985000936 | 28 |
| |  | W42020 | 42SA+/4PK | 4" | 40°–360° Adjustable | 26'–38' | 077985007867 |
| W42021 | | 42SA+/4PKS | 4" | 40°–360° Adjustable | 26'–38' | 077985007867 | 5 |
|  | W52000 | 52SA | 4" | 40°–360° Adjustable | 25'–50' | 077985004675 | 12 |
| | W52000T | 52SA | 4" | 40°–360° Adjustable | 25'–50' | 077985004675 | 12 |
| | W52001 | 52SAS | 4" | 40°–360° Adjustable | 25'–50' | 077985004675 | 12 |
| PROFESSIONAL GRADE ROTORS | | | | | | | |
|  | W35000 | 3504 | 4" | 40°–360° Adjustable | 19'–32' | 077985026660 | 20 |
| | W35001 | CP350012PK | 4" | 40°–360° Adjustable | 19'–32' | 077985026660 | 1 |
|  | W50000 | 5004 | 4" | 40°–360° Adjustable | 26'–38' | 077985026653 | 20 |
| | W52002 | CP500012PK | 4" | 40°–360° Adjustable | 26'–38' | 077985026653 | 1 |

Rotors

| | Item ID | Model | Height | Pattern | Pop Up Distance | UPC | Per Pack | Per Case |
|---|---------|------------------|------------------------|---------|-----------------|--------------|----------|----------|
| NOZZLES MULTI-STREAM ROTARY | | | | | | | | |
|   | W11103 | 14RNFPRO | – | 360° | 8'–14' | 077985079895 | 1 | 25 |
|   | W12102 | 14RNVAPRO | – | 45–270° | 8'–14' | 077985079888 | 1 | 25 |
|   | W12103 | 18RNFPRO | – | 360° | 13'–18' | 077985079918 | 1 | 25 |
|   | W12102 | 18RNVAPRO | – | 45–270° | 13'–18' | 077985079901 | 1 | 25 |
|   | W22103 | 24RNFPRO | – | 360° | 17'–24' | 077985079932 | 1 | 25 |
|   | W22102 | 24RNVAPRO | – | 45–270° | 17'–24' | 077985079925 | 1 | 25 |
| NOZZLE SETS GEAR DRIVE ROTORS | | | | | | | | |
|  | W32005 | 32SANZLPK | Replacement Nozzle Set | | – | 077985003838 | 1 | 24 |
| | W32004 | 32SANZLPS | Replacement Nozzle Set | | – | 077985003838 | 1 | ? |
|  | W42011 | 4252NZLPK | Replacement Nozzle Set | | – | 077985005979 | 1 | 8 |
| | W42013 | 4252NZLPS | Replacement Nozzle Set | | – | 077985005979 | 1 | ? |

Sprinkler Head Spacing



SMALL AREAS

Pop-Up Sprinklers

| Pattern | Water Pressure psi | Flow GPM | Spray Distance |
|-----------------|--------------------|----------|----------------|
| 360° | 15 Low | 2.6 | 11 ft. |
| | 20 Average | 3.0 | 12 ft. |
| | 30 High | 3.7 | 15 ft. |

| Pattern | Water Pressure psi | Flow GPM | Spray Distance |
|-----------------|--------------------|----------|----------------|
| 180° | 15 Low | 1.3 | 11 ft. |
| | 20 Average | 1.5 | 12 ft. |
| | 30 High | 1.85 | 15 ft. |

| Pattern | Water Pressure psi | Flow GPM | Spray Distance |
|----------------|--------------------|----------|----------------|
| 90° | 15 Low | 0.65 | 11 ft. |
| | 20 Average | 0.75 | 12 ft. |
| | 30 High | 0.92 | 15 ft. |

Rotary Nozzles

| Pattern | Water Pressure psi | Flow GPM | Spray Distance |
|-----------------|--------------------|----------|----------------|
| 360° | 30 Low | 2.35 | 19 ft. |
| | 45 Average | 3.48 | 23 ft. |
| | 55 High | 3.74 | 24 ft. |

MEDIUM AREAS

Mid-Range Rotors 32SA Gear Drive Rotor

| Adjustable Pattern | Water Pressure psi | Flow GPM | Spray Distance |
|--------------------|--------------------|----------|----------------|
| 360° | 25 Low | 2.2 | 29 ft. |
| | 45 Average | 3.0 | 30 ft. |
| | 55 High | 3.3 | 32 ft. |

3 GPM Nozzle

| Adjustable Pattern | Water Pressure psi | Flow GPM | Spray Distance |
|--------------------|--------------------|----------|----------------|
| 180° | 25 Low | 1.1 | 29 ft. |
| | 45 Average | 1.5 | 30 ft. |
| | 55 High | 1.65 | 32 ft. |

3 GPM Nozzle

| Adjustable Pattern | Water Pressure psi | Flow GPM | Spray Distance |
|--------------------|--------------------|----------|----------------|
| 90° | 25 Low | 0.65 | 29 ft. |
| | 45 Average | 0.75 | 30 ft. |
| | 55 High | 0.83 | 32 ft. |

3 GPM Nozzle

LARGE AREAS

Long-Range Rotors 42SA+ Gear Drive Rotor

| Adjustable Pattern | Water Pressure psi | Flow GPM | Spray Distance |
|--------------------|--------------------|----------|----------------|
| 360° | 25 Low | 2.3 | 36 ft. |
| | 45 Average | 3.1 | 38 ft. |
| | 55 High | 3.8 | 40 ft. |

3 GPM Nozzle

| Adjustable Pattern | Water Pressure psi | Flow GPM | Spray Distance |
|--------------------|--------------------|----------|----------------|
| 180° | 25 Low | 1.15 | 36 ft. |
| | 45 Average | 1.55 | 38 ft. |
| | 55 High | 1.69 | 40 ft. |

3 GPM Nozzle

| Adjustable Pattern | Water Pressure psi | Flow GPM | Spray Distance |
|--------------------|--------------------|----------|----------------|
| 90° | 25 Low | 0.58 | 36 ft. |
| | 45 Average | 0.78 | 38 ft. |
| | 55 High | 0.95 | 40 ft. |

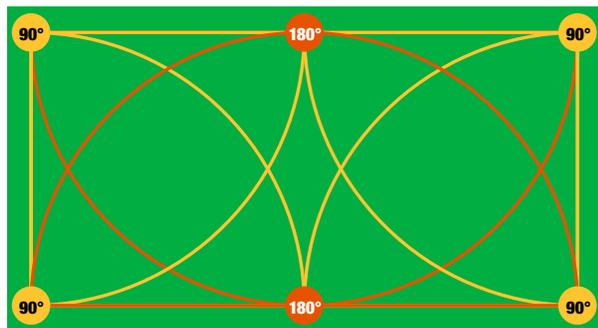
3 GPM Nozzle

Tip: Change nozzle to balance flow of rotors adjusted to different patterns.

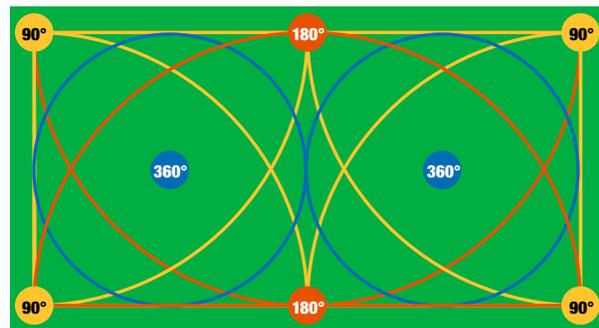
EXAMPLES

For Optimal Results Use Head-To-Head Coverage

Head-To-Head coverage means the maximum spray distance touches the next sprinkler.



Standard Spacing
Home Water Pressure: High



Close Spacing
Home Water Pressure: Low



Impact Sprinklers

Heavy Duty Performance



Introduction

Pop-Up Sprays
& Nozzles

Rotors

Impact Sprinklers

Timers

Valves

Accessories

Drip Irrigation

Hose End Products

Design Service



Impact Sprinklers

Impact Sprinklers

Featuring straight-through flow design for superior performance in hard water

- Traditional watering favorite with classic impact sound
- Throw distances up to 45'

Overview

Full and part circle adjustment

Water-Saving PJ™ spray-guiding arm prevents side splash

Diffuser screw breaks water into smaller droplets for uniform watering and up to 25% radius reduction



Replace the internal mechanism of in-ground impact sprinklers without digging.

Shown: Rain Bird tool 420644TLWR used with AG-5 sprinkler.



| | In Ground | | Riser Mounted | | |
|----------------------|----------------|--------|---------------|-----------|--------------|
| Model Prefix | AG-5 | LG-3 | P5R | 25-PJDA-C | 35-ADJ-TNT-B |
| Pop-up Height | 3" | 3" | – | – | – |
| Spray Distance | 0–45' | 0–41' | 0–45' | 0–41' | 0–50' |
| Pattern | 360°, 20°–340° | 0–360° | 0–360° | 20–360° | 0–360° |
| Connection | 1/2" or 3/4" | 1/2" | 1/2" | 1/2" | 3/4" |
| Water Saving Nozzles | 4 included | – | – | – | – |
| Page | 31 | 31 | 32 | 32 | 32 |



IN-GROUND IMPACT SPRINKLERS

AG-5 Maxi Paw

Spacing: 24'-45'

Pressure range: 25 to 60 psi

3" pop-up height

Heavy duty rolled lip case design assures proper installation height, helps keep vegetation from growing into head

Includes 5 interchangeable nozzles for watering flexibility

No tools needed to change nozzles

1/2" and 3/4" universal bottom inlet plus 1/2" side inlet

 **360°**  **20°-360°**



AG-5 Standard Angle Nozzles

Impact Sprinklers



LG-3 Mini Paw

Spacing: 26'-41'

Pressure range: 25 to 60 psi

3" pop-up height

Double-weighted arm for slower rotation and increased distance of throw

Retracts out of sight for high traffic areas

1/2" side and bottom inlets

 **360°**  **20°-360°**





Impact Sprinklers

Riser mounted models clear taller plants.

RISER MOUNTED IMPACT SPRINKLERS

- » Choice of heavy duty brass and stainless steel designs or popular polymer heads
- » Straight-through flow for superior dirty water performance
- » Traditional favorite for watering lawns and large gardens
- » Throw distances up to 50'
- » Full and part circle adjustable coverage

35-ADJ-TNT-B

Spacing: 23' – 50'

Pressure range: 25 – 50 psi

High flow output

Heavy duty brass and steel construction for long life

3/4" male pipe thread connection



25-PJDA-C

Spacing: 20' – 41'

Pressure range: 25 – 50 psi

Brass, bronze and stainless steel construction

1/2" male pipe thread connection



P5R P5R+

Spacing: 25' – 45'

Pressure range: 25 – 50 psi

Same slow-rotation design as in Rain Bird brass impact sprinklers

P5R+ model includes four nozzles to adjust flow

1/2" male pipe thread connection



P5R+ Standard Angle Nozzles

| AG-5 Maxi-Paw | | | | | |
|----------------|--------|---------------|------------|-------------|-------------|
| Pressure (PSI) | Nozzle | Radius (Feet) | Flow (GPM) | Precip In/h | Precip In/h |
| 25 | 06 | - | - | - | - |
| | 07 | 32 | 2.2 | 0.41 | 0.48 |
| | 08 | 35 | 2.8 | 0.44 | 0.51 |
| | 10 | 38 | 4.2 | 0.56 | 0.65 |
| | 12 | 39 | 5.5 | 0.70 | 0.80 |
| 35 | 06 | 37 | 2.0 | 0.28 | 0.32 |
| | 07 | 37 | 2.7 | 0.38 | 0.44 |
| | 08 | 38 | 3.3 | 0.44 | 0.51 |
| | 10 | 41 | 4.8 | 0.55 | 0.64 |
| | 12 | 42 | 6.3 | 0.69 | 0.79 |
| 45 | 06 | 38 | 2.3 | 0.31 | 0.35 |
| | 07 | 39 | 3.0 | 0.38 | 0.44 |
| | 08 | 40 | 3.7 | 0.45 | 0.51 |
| | 10 | 42 | 5.4 | 0.59 | 0.68 |
| | 12 | 44 | 7.1 | 0.71 | 0.82 |
| 55 | 06 | 38 | 2.5 | 0.33 | 0.39 |
| | 07 | 41 | 3.3 | 0.38 | 0.44 |
| | 08 | 41 | 4.1 | 0.47 | 0.54 |
| | 10 | 43 | 6.0 | 0.62 | 0.72 |
| | 12 | 45 | 7.9 | 0.75 | 0.87 |
| 60 | 06 | 38 | 2.6 | 0.35 | 0.40 |
| | 07 | 41 | 3.5 | 0.40 | 0.46 |
| | 08 | 42 | 4.2 | 0.46 | 0.53 |
| | 10 | 44 | 6.4 | 0.64 | 0.74 |
| | 12 | 45 | 8.4 | 0.80 | 0.92 |

| LG-3 Mini Paw | | | | | |
|----------------|--------|---------------|------------|-------------|-------------|
| Pressure (PSI) | Nozzle | Radius (Feet) | Flow (GPM) | Precip In/h | Precip In/h |
| 25 | - | 35 | 2.8 | 0.44 | 0.51 |
| 35 | - | 38 | 3.3 | 0.44 | 0.51 |
| 45 | - | 40 | 3.7 | 0.45 | 0.51 |
| 55 | - | 41 | 4.1 | 0.47 | 0.54 |
| 60 | - | 42 | 4.2 | 0.46 | 0.53 |

| 35A-ADJ-TNT-B | | | | | |
|----------------|--------|---------------|------------|-------------|-------------|
| Pressure (PSI) | Nozzle | Radius (Feet) | Flow (GPM) | Precip In/h | Precip In/h |
| 30 | - | 44 | 5.5 | 0.55 | 0.63 |
| 40 | - | 47 | 6.4 | 0.56 | 0.64 |
| 50 | - | 49 | 7.2 | 0.58 | 0.67 |
| 60 | - | 51 | 7.8 | 0.58 | 0.67 |

| 25PJDA-C | | | | | |
|----------------|---------------|------------|-----------------|-----------------|-------------------|
| Pressure (PSI) | Radius (Feet) | Flow (GPM) | Pressure (Bars) | Radius (Meters) | m ³ /h |
| 25 | 38 | 3.4 | 2,0 | 11,5 | 0,69 |
| 30 | 39 | 3.8 | 2,5 | 11,7 | 0,78 |
| 40 | 40 | 4.4 | 3,0 | 11,9 | 0,85 |
| 50 | 41 | 5.0 | 3,5 | 12,2 | 0,92 |

| P5R | | | | | |
|----------------|---------------|------------|-----------------|-----------------|-------------------|
| Pressure (PSI) | Radius (Feet) | Flow (GPM) | Pressure (Bars) | Radius (Meters) | m ³ /h |
| 25 | 35 | 2.8 | 2,0 | 11,0 | 0,68 |
| 35 | 38 | 3.3 | 2,5 | 11,7 | 0,78 |
| 45 | 40 | 3.7 | 3,0 | 12,1 | 0,83 |
| 55 | 41 | 4.1 | 3,5 | 12,5 | 0,89 |

| P5R+ | | | | | | |
|----------------|--------|---------------|------------|-----------------|-----------------|-------------------|
| Pressure (PSI) | Nozzle | Radius (Feet) | Flow (GPM) | Pressure (Bars) | Radius (Meters) | m ³ /h |
| 25 | 06 | - | - | 1,7 | - | - |
| | 07 | 32 | 2.2 | 1,7 | 9,7 | 0,50 |
| | 08 | 35 | 2.8 | 1,7 | 10,7 | 0,64 |
| | 10 | 38 | 4.2 | 1,7 | 11,6 | 0,95 |
| | 12 | 39 | 5.5 | 1,7 | 11,9 | 1,25 |
| 35 | 06 | 37 | 2.0 | 2,4 | 11,3 | 0,45 |
| | 07 | 37 | 2.7 | 2,4 | 11,3 | 0,61 |
| | 08 | 38 | 3.3 | 2,4 | 11,6 | 0,75 |
| | 10 | 41 | 4.8 | 2,4 | 12,5 | 1,09 |
| | 12 | 42 | 6.3 | 2,4 | 12,8 | 1,43 |
| 45 | 06 | 38 | 2.3 | 3,1 | 11,6 | 0,52 |
| | 07 | 39 | 3.0 | 3,1 | 11,9 | 0,68 |
| | 08 | 40 | 3.7 | 3,1 | 12,2 | 0,84 |
| | 10 | 42 | 5.4 | 3,1 | 12,8 | 1,23 |
| | 12 | 44 | 7.1 | 3,1 | 13,4 | 1,61 |

Precipitation rates based on half-circle operation
 ■ Square spacing based on 50% diameter of throw.
 ▲ Triangular spacing based on 50% diameter of throw.
 Performance data collected in zero wind conditions.

| | Item ID | Model | Pop-Up | Pattern | Pop Up Distance | Product Dimensions (W x H x D) inches | UPC | Per Pack | Per Case |
|---|---------|-----------------------|--------|----------|-----------------|---------------------------------------|--------------|----------|----------|
| IN-GROUND IMPACT SPRINKLERS | | | | | | | | | |
|  | B45296 | AG-5 Maxi-Paw® | 3" | 360° or | 24'–45' | 5 x 9.38 x 5 | 077985452100 | 1 | 12 |
| | B45294 | AG5 8PK | | 20°–340° | | | | 1 | 8 |
|  | B45194 | LG-3 Mini-Paw® | 3" | 360° or | 26'–41' | 4.06 x 8.5 x 4.06 | 077985451004 | 1 | 12 |
| | B45190 | LG-3 8PK | | 20°–340° | | | | 1 | 8 |
| RISER MOUNTED IMPACT SPRINKLERS | | | | | | | | | |
|  | A38890 | 35-ADJ-TNT-B | 3" | 360° or | 23'–50' | 4.12 x 4.25 x 2 | 077985389505 | 1 | 7 |
| | | | | 20°–340° | | | | | |
|  | A31896 | 25-PJDA-C | 3" | 360° or | 20'–41' | 6.5 x 6 x 2.12 | 077985318000 | 1 | 7 |
| | | | | 20°–340° | | | | | |
|  | A30200 | P5R | 3" | 360° or | 25'–45' | 4.38 x 4.5 x 2.38 | 077985003159 | 1 | 7 |
| | | | | 20°–340° | | | | | |
|  | A30230 | P5R+ | 3" | 360° or | 25'–45' | 4.38 x 4.5 x 2.38 | 077985007591 | 1 | 7 |
| | | | | 20°–340° | | | | | |
| IMPACT SPRINKLER WRENCH | | | | | | | | | |
|  | B41875 | 420644TLWR | – | – | – | 8 x 6.75 x 2.88 | 077985418663 | 1 | 4 |

See Also: *Hose End, Spiked Impact Sprinklers on Page 100*

| | | |
|---|--------|--|
|  | C06010 | 25PJLSP Brass Impact on Spike |
| | | |
|  | C06110 | P5RLSP Plastic Impact on Spike |
| | | |

Irrigation Timers

Ultimate Watering Precision And Programming Simplicity



Introduction

Pop-Up Sprays
& Nozzles

Rotors

Impact Sprinklers

Timers

Valves

Accessories

Drip Irrigation

Hose End Products

Design Service



Timers

Irrigation Timers

Featuring Rain Bird Zone-Based Scheduling

With all Rain Bird timers, you can easily customize watering for each area of the lawn and landscaping. This simple programming is the most effective way to save water and get greener results. Other timers require setting two or more zones on the same watering program. That just wastes water and isn't ideal for plants.

Overview

Choice of new WiFi enabled ST8-2.0 Series or simple-to-set SST Series timers

Models available for indoor or outdoor mounting, up to 12 controlled zones

Compatible with all major valve and sprinkler brands

Loaded with user friendly features to manage any residential or light commercial system

Advantages of Zone-Based Scheduling

Match plant moisture needs with a specific watering plan for grass, shrubs, gardens and other areas

Water slopes or clay soils in short intervals to allow water to soak in, avoiding runoff

Irrigate full sun sections more often than shade areas for best growing results

Set pop-up spray zones to water for shorter periods than rotors and impact sprinklers that have lower flow rates

One-Touch Seasonal Adjustments

Use the SST Series timer's simple presets to increase water in hot, dry months and reduce it in rainy seasons.

Superior Surge Protection

All Rain Bird timers have built-in protection against power surges, a leading cause of timer damage.

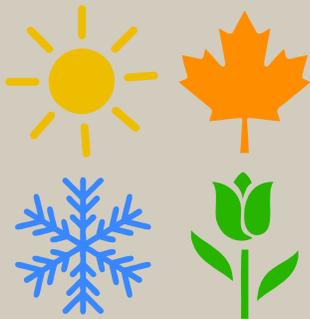


| Series | Smart Irrigation WiFi Timers | | | | Simple-To-Set (SST) | | |
|-------------------|------------------------------|----------------|----------|----------|---------------------|----------------|------------|
| Models | ST81-2.0 | ST80-2.0 | SST400in | SST600in | SST900in | SST600out | SST1200out |
| Zones | 8 | 8 | 4 | 6 | 9 | 6 | 12 |
| Mounting Location | Indoor | Indoor/Outdoor | Indoor | | | Indoor/Outdoor | |
| Special Features | SmartPhone App | | | | | | |
| Page | 37-39 | | 40-41 | | | 40-41 | |

Smart Watering Made Simple

RAIN BIRD WiFi SMART IRRIGATION TECHNOLOGY

Put control of your sprinkler system in the palm of your hand with a Smart Irrigation WiFi timer from Rain Bird. It replaces any standard timer, using the same zone wires. Just mount it and connect it to your home's wifi. A free Rain Bird app for your mobile device will walk you through programming. The timer will take it from there, self adjusting all season.



Weather Intelligent

Avoids overwatering as weather and seasons change



Always Connected

Exclusive 3-way control allows connection from a mobile device to the timer through a wifi network, direct from a mobile device to the timer when in range, or through the timer front panel



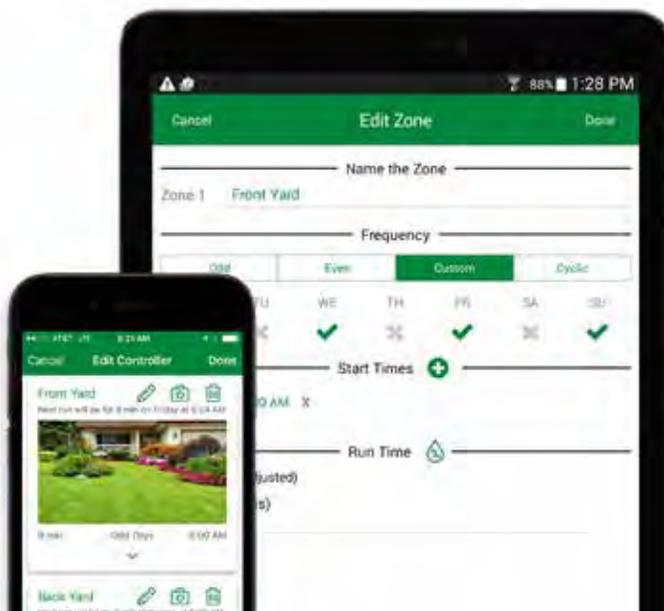
Greener Results

Keep your yard healthy with moisture applied at the right frequency and timing for each area



Less Water

Save on your water bill with automatic adjustments plus mobile monitoring and control.



STAY IN TOUCH

Whether you are outside in the garden or away from home, you're always connected to your yard with the Rain Bird app. Customize it for your specific needs:

- » Upload photos of your watering areas and name them for easy programming reference.
- » Set multiple start times and unique watering durations for each zone.
- » Control one property or multiple properties, all from the same app.
- » Enable notifications to let you know exactly what's happening – freeze warning alerts, rain delays, seasonal adjustment % and more.



Timers

Features

Simple setup using your mobile phone or tablet

Just enter a starting schedule for each area (zone) of the lawn and let the timer take care of watering adjustments all season

If it has rained recently, the timer's weather-intelligent technology will cancel or reduce watering as needed

Adjustable watering delay from 1 – 14 days

In dry months, the timer will increase watering to keep plants green and healthy

Cyclical scheduling flexibility — water up to 6 times per day in 1 to 29 day cycles



Certified by ICC-ES.
When used with local
Rain Sensor

SMART IRRIGATION WiFi TIMERS

- » Control up to 8 zones
- » Choice of indoor or indoor/outdoor models
- » Professional app control features preferred by irrigation contractors: zone-based scheduling plus the ability to add more timers for multiple properties

Control Using The App, Voice Commands Or The Timer's Panel

Seasonal Adjust
Increase or decrease watering duration (Run Times) for all Zones.

Water Now
Start watering immediately for all Zones in sequence, or for any single Zone.

Off Cancel all active watering immediately and disable automatic irrigation.

Auto Watering occurs automatically according to programmed schedules.

Date/Time Set the current Date and Time.

Watering Schedule Create customized irrigation schedules to run automatically at specific times, durations and intervals.

Display Screen
Displays programming information and irrigation status.



Next/Back Buttons
Select programming options.

+ or - Buttons
Adjust program settings.





Indoor
ST8I-2.0
8 ZONE



Indoor/Outdoor
ST8O-2.0
8 ZONE

WiFi Timer Operating Specifications

Station timing: 0 to 199 min

Seasonal Adjust; -90% to +100%

Independent schedule per zone

6 Start Times per zone

Program Day Cycles include Custom days of the week, Odd, Even, & Cyclical dates

Manual Watering SINGLE zone

Manual Watering ALL zones

Electrical Specifications

Input required: 120 VAC \pm 10%, 60Hz

Output: 24 VAC 650mA

Power back-up: 2 x AAA batteries maintain time and date while nonvolatile memory maintains the programming

Comes with a transformer power plug

Certifications

UL, cUL

May be rebate eligible from your local water agency.

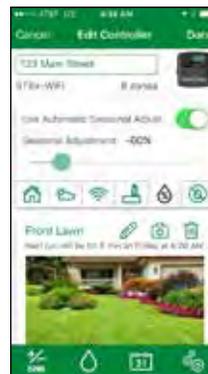


Scan to view installation video:
wifi.rainbird.com

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Timers



Download the free Rain Bird app and start enjoying a greener lawn while conserving water.



New Version 2.0 Features

- More customization of manual watering with the App
- Improved water usage statistics and reporting
- Watering shut-off for forecasted rain
- Easily copy one zone schedule to other zones in the App
- App controlled system On/Shutoff
- Schedule change notifications
- Increased Rain Bird App efficiency
- EPA WaterSense™ certified

NEW
Features

SIMPLE-TO-SET SST TIMERS

- » Our most popular timers, now with enhanced programming features
- » Large easy-to-read screen, status lights and simple zone-based scheduling

Lighted Scheduling Buttons

Review your settings any time by turning dial to each zone. Lighted buttons indicate watering events by day, times per day and other settings



NEW Advanced "Cyclic" setting

Gives you the option to skip 1 to 29 days between each watering cycle



Scan to view installation video:
<http://www.rainbird.com/homeowner/support/timers/SST-Outdoor.htm>



Timers

Features

More control! Easily customize your watering for each area of the lawn, garden and landscaping

Just turn the programming dial to a zone and follow prompts to set watering start times, days and duration

Rain Delay settings up to 72 hours

Seasonal adjust (%) for worry free watering all season

Superior surge protection for long life

Battery backup saves your program in the event of power outage

Choice of indoor and indoor/outdoor models, up to 12 zones



SST400in
4 ZONE

SST600in
6 ZONE

SST900in
9 ZONE

SST Indoor Timers

| | |
|---|---------------------------------|
| Choice of 4, 6 or 9 zones | Water saving programming |
| Drip compatible | Use with rain sensor (optional) |
| Pump control relay | Master valve control |
| 120VAC | |
| Includes 6 ft power cord with transformer | |



SST600out
6 ZONE



SST1200out
12 ZONE

SST Indoor/Outdoor Timers

| | |
|--|---------------------------------|
| Choice of 9 or 12 zones | Water saving programming |
| Drip compatible | Use with rain sensor (optional) |
| Pump control relay | Master valve control |
| 120VAC | |
| Includes 6 ft power cord with transformer. Hard wire installation by user is optional. | |



Timers



CPRSDBEX

Rain Sensor

- Stops unnecessary watering when it rains.
- Connects with wire to any Rain Bird or other 24VAC irrigation timer
- Mounts to roof, fence, gutter or other outside surface



| Item ID | Model | Zones | Mounting | Product Dimensions (W x H x D) | UPC | Per Pack | Per Case |
|--|--|--------------------|----------------|--------------------------------|--------------|----------|----------|
| SMART IRRIGATION | | WIFI TIMERS | | | | | |
|  C53109 | ST8I-2.0 | 8 | Indoor | 6.25" x 6.25" x 1.54" | 077985042264 | 1 | 3 |
|  C53209 | ST8O-2.0 | 8 | Indoor/Outdoor | 7.88" x 7.88" x 3.25" | 077985042271 | 1 | 2 |
| SIMPLE-TO-SET | | SST TIMERS | | | | | |
|  C50407 | SST400in | 4 | Indoor | 10.4" x 7" x 3" | 077985004644 | 1 | 3 |
|  C50607 | SST600in | 6 | Indoor | 10.4" x 7" x 3" | 077985004651 | 1 | 3 |
|  C50907 | SST900in | 9 | Indoor | 10.4" x 7" x 3" | 077985004668 | 1 | 3 |
|  C51607 | SST600out | 6 | Indoor/Outdoor | 10" x 9" x 7.5" | 077985006358 | 1 | 2 |
|  C51127 | SST1200out | 12 | Indoor/Outdoor | 10" x 9" x 7.5" | 077985006365 | 1 | 2 |
| TIMER ACCESSORIES | | | | | | | |
|  N97010 | CPRSDBEX Rain Sensor | - | Outdoor | 16.7" x 10" x 4.4" | 077985020286 | 1 | 5 |
|  N95301 | UT-1 Replacement Transformer for SST and ST8 Indoor Series Timers | - | Indoor | 5" x 4" x 3" | 077985999667 | 1 | 6 |

Irrigation Valves

Heavy Duty, Long Lasting





Irrigation Valves

Featuring the toughest, most reliable performance in their class

Overview

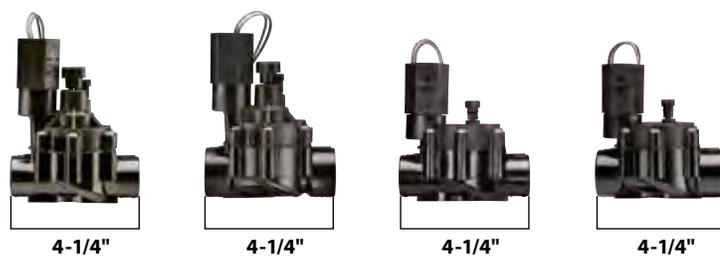
Full range of models for above or below ground mounting

Available flow control allows adjusting each zone for optimized sprinkler output and reduced misting

Featuring Rain Bird Dependability

Designed for long lasting performance that is well known to irrigation pros, these heavy duty valves stand up to power surges and simply run longer without replacing parts. Key to that low-maintenance reputation are two important Rain Bird differences: (1) the valves' unique reverse flow path design that works dependably while placing less stress on the valve diaphragm, and (2) a heavy duty, encapsulated solenoid that resists power surges for trouble-free operation.

Valves



| Type | Anti-Siphon (above ground) | | In-Line (in ground) | | | |
|--------------|----------------------------|------------|---------------------|--------|-------|-------|
| Model | DASASVF075 | DASASVF100 | CPF075 | CPF100 | CP075 | CP100 |
| Pipe Thread | 3/4" | 1" | 3/4" | 1" | 3/4" | 1" |
| Flow Control | | ● | | ● | | |
| Top Screws | | ● | | ● | | ● |
| Page | | 45 | | 46 | | 46 |



ANTI-SIPHON VALVES PROFESSIONAL GRADE

- » Combination irrigation control valve and atmospheric backflow prevention in one unit
- » Flow control allows fine tuning of the zone for best sprinkler efficiency

Models

| | | |
|------------|-------------------------------|--------------|
| DASASVF075 | 3/4" Anti-Siphon Valve | Flow Control |
| DASASVF100 | 1" Anti-Siphon Valve | Flow Control |

Features

- Manual bleed screw to flush dirt and debris during installation and startup
- Heavy duty solenoid resists power surges
- Straight-through flow prolongs diaphragm life
- Exclusive fail-safe design avoids flooding if diaphragm is damaged
- Stainless steel top screws
- Works with all standard irrigation timers





IN-LINE VALVES HEAVY DUTY

- » Flow control models allows fine tuning of the zone for best sprinkler efficiency
- » In-Line design is intended for installation with a pressure vacuum breaker (PVB) or double check valve as required by codes

Models

| | | |
|--------|---------------------------|--------------|
| CPF075 | 3/4" In-Line Valve | Flow Control |
| CPF100 | 1" In-Line Valve | Flow Control |
| CP075 | 3/4" In-Line Valve | |
| CP100 | 1" In-Line Valve | |

Features

- Reliable, non-clogging design
- Manual bleed screw to flush dirt and debris during installation and startup
- Heavy duty solenoid resists power surges
- Straight-through flow prolongs diaphragm life
- Exclusive fail-safe design avoids flooding if diaphragm is damaged
- Stainless steel top screws
- Works with all standard irrigation timers

Heavy duty solenoid resists power surges

Adjustable flow for more or few heads (Flow control models only)

Manual bleed to clear debris

Rugged fittings withstand abuse

Efficient flow path extends diaphragm life

Advantages

- Repair and replacement cost savings over the life of your system
- Less chance of leaks and flooding due to valve failure
- Water savings made possible by Flow Control Models, improving sprinkler efficiency

| Item ID | Model | Pipe Thread | Flow Control | Product Dimensions (W x H x D) inches | UPC | Per Pack | Per Case |
|---|--------|---|--------------|--|--------------------|--------------|----------|
| ANTI-SIPHON VALVES PROFESSIONAL GRADE | | | | | | | |
|  | B60601 | DASASVF075 | 3/4" FPT | ● | 7 x 6.38 x 3 | 077985606107 | 1 5 |
|  | B60602 | DASASVF100 | 1" FPT | ● | 7 x 6.38 x 3 | 077985451004 | 1 5 |
| IN-LINE VALVES SCREW TOP | | | | | | | |
|  | B61187 | CPF075 | 3/4" FPT | ● | 4.25 x 5.62 x 3 | 077985611958 | 1 5 |
|  | B61287 | CPF100 | 1" FPT | ● | 4.38 x 5.62 x 3 | 077985612955 | 1 5 |
|  | B60020 | CP075 | 3/4" FPT | | 4.38 x 4.75 x 3 | 077985600006 | 1 5 |
|  | B60111 | CP100 | 1" FPT | | 4.38 x 4.75 x 3 | 077985610005 | 1 5 |
| VALVE ACCESSORIES & REPLACEMENT PARTS | | | | | | | |
|  | B60599 | SRKCP/CPF Replacement Solenoid | - | - | 1.38 x 2.31 x 1.38 | 077985999308 | 1 5 |
|  | B36330 | DRKJTVCP Replacement Diaphragm For JTV Valves | - | - | 2.38 x 2.38 x 1 | 077985002084 | 1 5 |
|  | B60488 | DRKCP/CPF Replacement Diaphragm For CP/DV/DAS Valves | - | - | 3 x 3 x 0.5 | 07798504004 | 1 5 |
|  | N90300 | WPCONN10 Waterproof Wire Connectors | - | - | 0.25 x 0.88 x 0.25 | 077985013370 | 10 6 |

Common Valve Repairs For DIYers

Irrigation valves provide the essential function of receiving electrical signals from the system timer to turn each watering zone on and off. Because valves work with low 24 VAC voltage and are not generally subjected to high physical abuse, they do not require frequent maintenance. When needed, there are some preventative maintenance steps as well as repairs that can be done easily by the homeowner.



Preventative Maintenance

Flush valves to clear internal small debris.

Do this when valve is first installed as well as annually thereafter.

- Open the bleed screw and allow water to flush for 1 full minute



Restore Valve Closing Function

SYMPTOM:
Water is not shutting off in the zone.

This may be caused by large debris caught inside the valve or by a ruptured diaphragm.

SOLUTION:
Remove bonnet, inspect and clean the valve chamber.

- Turn on water to the zone and flush the valve.
- Insert new diaphragm if necessary (*Page 47*).
- Finish by reinstalling the top bonnet.



Restore Valve Opening Function

SYMPTOM:
Water is not flowing in the zone.

Potential cause is a failed valve solenoid due to an electrical disturbance such as lightning.

SOLUTION:
Replace the valve solenoid.

- Take a picture of the wire connections before removing the wire caps.
- Unscrew the old solenoid and replace it with a new one.

Note: Solenoid model SRKCP/CF (*Page 47*) can be used with any Rain Bird residential valve.

- Finish by reattaching the system wires.

Accessories

Automatic Sprinkler Systems



Introduction

Pop-Up Sprays
& Nozzles

Rotors

Impact Sprinklers

Timers

Valves

Accessories

Drip Irrigation

Hose End Products

Design Service

Accessories



AUTOMATIC SPRINKLER SYSTEMS TOOLS

» Repair and maintain sprinklers with less need for digging.*
Assure peak watering efficiency and coverage.

*If existing sprinkler case is not damaged

Spray Head Pull Up Tool

Pull up and clamp the sprinkler stem to replace nozzles

Corrosion resistant steel

PTC1



Impact Sprinkler Wrench

Remove and replace the sprinkler internal assembly

Use with Rain Bird LG, AG, and MG series impact sprinklers

420644TLWR



Tools



Risers



Swing Pipe



Valve Boxes



Accessories

| Page | Tools | Risers | Swing Pipe | Valve Boxes | Accessories |
|------|-------|--------|------------|-------------|-------------|
| | 50 | 51 | 52 | 53 | 54 |



AUTOMATIC SPRINKLER SYSTEMS RISERS

- » Connect sprinkler heads, drip manifolds and other watering devices
- » Use taller risers to elevate watering of large shrubs and plants
- » Use nipples and cutoff risers to connect sprinklers to water supply pipe

1/2" Risers

| | |
|-------------------|-------------------------|
| RISER12 | 12" PVC Riser |
| NEW RISER6 | 6" PVC Riser |
| RISER3 | 3" PVC Riser |
| RISER2 | 2" PVC Riser |
| RISERCLO5 | Close PVC Riser |
| RISERCO6 | 6" Cut-Off Riser |



RISER12

3/4" Risers

| | |
|-----------------------|-------------------------|
| RISERCL075 | Close PVC Riser |
| RISERCO075 | 6" Cut-Off Riser |
| NEW RISER12075 | 12" PVC Riser |
| NEW RISER6_075 | 6" PVC Riser |
| NEW RISER3_075 | 3" PVC Riser |
| NEW RISER2_075 | 2" PVC Riser |



RISERCO6

1" Risers

| | |
|-----------------------|------------------------|
| NEW RISER6_100 | 6" PVC Riser |
| NEW RISER2_100 | 2" PVC Riser |
| NEW RISERCL100 | Close PVC Riser |





AUTOMATIC SPRINKLER SYSTEMS SWING PIPE & FITTINGS

- » Fast, easy positioning of sprinkler heads at grade level
- » Flexible connection absorbs ground movement, reduces leaks
- » Textured tubing surface provides sure grip when inserting fittings
- » Spiral barbed fittings screw in for leaktight assembly

Swing Pipe

| | |
|-----------|------------------------|
| SWGP50 | 50' Swing Pipe |
| SWG100 | 100' Swing Pipe |
| SWGP2 | 24" Swing Pipe |
| SWGP18INS | 18" Swing Pipe |

Swing Pipe Assemblies

| | |
|--------------------|--------------------------|
| SA5 | 6" x 1/2" x 1/2" |
| NEW 12SA5S | 12" x 1/2" x 1/2" |
| SA6S | 6" x 1/2" x 3/4" |
| NEW 12SA6SS | 12" x 1/2" x 3/4" |
| SA7S | 6" x 3/4" x 3/4" |



SWGP50



SWG100



SWGP2



SWGP18INS

Swing Pipe Fittings

| | |
|-----------------------|---------------------------------------|
| SWGA050 | 1/2" MNPT Adapter |
| SWGE10B SWGE10 | 1/2" MNPT Elbow 10PK |
| SWGF050 | 1/2" FNPT Elbow |
| SWGS50B SWGS050S10 | 1/2" Swing Joint Elbow 10PK |
| SWGA075 | 3/4" MNPT Adapter |
| SWGE075B SWGE075 | 3/4" MNPT Elbow 10PK |
| SWGS75B | 3/4" Swing Joint Elbow |
| SWGCPLG SWGCPLG10 | Barbed Coupling 10 PK |
| SWGT1-2TEE | Barbed Tee |





AUTOMATIC SPRINKLER SYSTEMS VALVE BOXES

- » High strength boxes for 1 to 3 valves.
- » Side knockouts for pipe placement
- » On 12" boxes, the knockouts also slide back into place to keep backfill out of the box
- » Black with green lids. Made from 100 percent recycled materials

| Valve Boxes | | Top Dimensions (W x L) inches | Bottom Dimensions (W x H x D) inches |
|-------------|----------------------|----------------------------------|---|
| VBRND7 | 7" Round | 6.6 x 6.6 | 9.75 x 9.75 x 9 |
| VBRND10 | 10" Round | 8.9 x 8.9 | 11.9 x 11.9 x 10 |
| VBREC12 | 12" Rectangle | 9.4 x 14.5 | 23.13 x 19.25 x 12 |



VBRND10



Shovel access slot for easy removal of lid



VBREC12

VBRND7

VBRND10

AUTOMATIC SPRINKLER SYSTEMS ACCESSORIES

» Add professional installation touches to improve efficiency and operating convenience of your irrigation system

Accessories

| | | |
|-----------|-------------------------------------|-------|
| CPRADBEX | Wired Rain Sensor | |
| 16AFDVC1 | 1/2" Filtered Drain Valve | |
| P2A | Pressure Gauge | |
| UT1 | Universal Transformer | |
| WPCONN10 | Waterproof Wire Connectors | 10 PK |
| 1800NPCAP | Non-Potable Purple Spray Cap | |



CPRADBEX



16AFDVC1



P2A



Snaps onto the top of 1800® Series and other sprinklers to identify non-potable water

1800NPCAP



UT1



WPCONN10

| | Item ID | Model | Description | Product Dimensions (W x H x D) inches | UPC | Per Pack | Per Case |
|---|---------|-------------------|-----------------------------|--|--------------|----------|----------|
| TOOLS | | | | | | | |
|  | N89900 | PTC1 | Spray Head Pull Up Tool | 5.75 x 3 x 0.5 | 077985001407 | 1 | 12 |
|  | B41875 | 420644TLWR | Impact Sprinkler Wrench | 8 x 6.75 x 2.88 | 077985418663 | 1 | 4 |
| RISERS | | | | | | | |
|  | N47207 | RISER12 | 1/2" MPT x 12" PVC Riser | 11.75 x 0.88 x 0.69 | 077985380915 | 1 | 25 |
|  | N47218 | RISER6 | 1/2" MPT x 6" PVC Riser | 6 x 0.88 x 0.69 | 077985058531 | 1 | 50 |
|  | N47203 | RISER3 | 1/2" MPT x 3" PVC Riser | 3 x 0.88 x 0.69 | 077985380830 | 1 | 25 |
|  | N47202 | RISER2 | 1/2" MPT x 2" PVC Riser | 2 x 0.69 x 0.69 | 077985380823 | 1 | 25 |
|  | N47201 | RISERCLOS | 1/2" MPT Nipple | 1 x 0.5 x 0.5 | 077985380816 | 1 | 25 |
|  | N47200 | RISERCO6 | 1/2" MPT x 6" Cut-Off Riser | 5.88 x 0.94 x 0.88 | 077985370695 | 1 | 25 |
|  | N47212 | RISERCL075 | Close PVC Riser - 3/4" | 1.44 x 1.06 x 1.06 | 077985058487 | 1 | 50 |
|  | N47209 | RISERCO075 | 3/4" MPT x 6" Cut-Off Riser | 6.25 x 1.25 x 1.06 | 077985019778 | 1 | 25 |
|  | N47213 | RISER12075 | 3/4" MPT x 12" PVC Riser | 12 x 1 x 1 | 077985058494 | 1 | 15 |
|  | N47215 | RISER6_075 | 3/4" MPT x 6" PVC Riser | 6 x 1.31 x 1.25 | 077985058586 | 1 | 25 |

| Item ID | Model | Description | Product Dimensions (W x H x D) inches | UPC | Per Pack | Per Case |
|---|--------|-------------------|--|---------------------|--------------|----------|
|  | N47217 | RISER3_075 | 3/4" MPT x 3" PVC Riser | 3 x 1.06 x 1 | 077985058524 | 1 25 |
|  | N47219 | RISER2_075 | 3/4" MPT x 2" PVC Riser | 2 x 1.06 x 1 | 077985058548 | 1 40 |
|  | N47211 | RISER6_100 | 1" MPT x 6" PVC Riser | 6 x 1.31 x 1.25 | 077985058470 | 1 18 |
|  | N47216 | RISER2_100 | 1" MPT x 2" PVC Riser | 2 x 1.38 x 1.25 | 077985058517 | 1 25 |
|  | N47220 | RISERCL100 | Close PVC Riser - 1" | 1.5 x 1.31 x 1.25 | 077985058555 | 1 30 |
| SWING PIPE | | | | | | |
|  | N89502 | SWGP50 | Swing Pipe, 50' coil | 50' x 0.69 x 0.69 | 077985013028 | 1 5 |
|  | N89500 | SWG100 | Swing Pipe, 100' coil | 100' x 0.69 x 0.69 | 077985172558 | 1 4 |
|  | A17300 | SWGP2 | Swing Pipe, 24" | 24 x 0.69 x 0.69 | 077985466008 | 1 50 |
|  | N89503 | SWGP18INS | Swing Pipe, 18" | 18 x 0.69 x 0.69 | 077985039219 | 1 8 |
| SWING PIPE FITTINGS | | | | | | |
|  | A17080 | SA5 | Swing Assembly, 6" | 8.31 x 3.38 x 1.13 | 077985180102 | 1 12 |
|  | A50911 | 12SA55 | Swing Assembly, 12" | 14.19 x 3.38 x 1.13 | 077985040802 | 1 8 |
|  | A17081 | SA65 | Swing Assembly, 6" | 8.19 x 4.13 x 1.39 | 077985891053 | 1 12 |

| | Item ID | Model | Description | Product Dimensions (W x H x D) inches | UPC | Per Pack | Per Case |
|---|--------------------------------------|---|--------------------------------|--|--|--------------------|-----------------------|
|  | A50912 | 12SA65S | Swing Assembly, 12" | 12.06 x 4.13 x 1.39 | 077985040819 | 1 | 8 |
|  | A17082 | SA75 | Swing Assembly, 6" | 8.13 x 3.75 x 1.39 | 077985891060 | 1 | 12 |
|  | A17086 A50864 | SWGA050 SWGA050S | Swing Pipe - 1/2" MNPT Adapter | 2.13 x 0.81 x 0.81 | 077985867027 | 1 1 | 100 36 |
|  | A17087 A50865 | SWGA075 SWGA075S | Swing Pipe - 3/4" MNPT Adapter | 2.13 x 1 x 1.06 | 077985867034 | 1 1 | 100 36 |
|  | A17097 A17094 A50867 | SWGE075 SWGE075B SWGE075S | Swing Pipe - 3/4" MNPT Elbow | 2.13 x 1.5 x 1 | 077985170103 077985170110 077985170110 | 10 1 1 | 10 100 36 |
|  | A17096 A17092 A50920 A50866 | SWGE10 SWGE10B SWGE050B SWGE050S | Swing Pipe - 1/2" MNPT Elbow | 2.13 x 1.5 x 0.81 | 077985467005 077985467012 077985040994 077985467012 | 10 1 10 1 | 10 100 10 36 |
|  | A17085 A50933 | SWGF050 | Swing Pipe - 1/2" FNPT Elbow | 2.25 x 1.06 x 1.13 | 077985867010 077985041052 | 1 1 | 100 50 |
|  | A50923 A17084 | SWGCPLG10 SWGCPLG | Swing Pipe Coupling | 2.12 x 0.5 x 0.56 | 077985041038 077985867058 | 10 1 | 10 100 |
|  | A17083 A50931 | SWGT1/2TEE | Swing Pipe Tee | 2.75 x 1.69 x 0.56 | 077985867041 077985041007 | 1 1 | 100 26 |
|  | A50868 | SWGS050S | 1/2" MNPT Swing Joint Elbow | 2 x 1.5 x 1.13 | 077985039226 | 1 | 36 |
|  | A50869 | SWGS075S | 3/4" MNPT Swing Joint Elbow | 2.31 x 1.81 x 1.39 | 077985039233 | 1 | 20 |

| Item ID | Model | Description | Product Dimensions (W x H x D) inches | UPC | Per Pack | Per Case | |
|---|--------|------------------|--|---------------------------------------|--------------|----------|----|
| VALVE BOXES | | | | | | | |
|  | N96001 | VBRND7 | 7" Round Valve Box | 9.75 x 9.75 x 9 Top: 6.6 x 6.6 | 077985013844 | 1 | 1 |
|  | N96002 | VBRND10 | 10" Round Valve Box | 11.9 x 11.9 x 10 Top: 8.9 x 8.9 | 077985013837 | 1 | 1 |
|  | N96003 | VBREC12 | 12" Rectangle Valve Box | 23.13 x 19.25 x 12 Top: 9.4 x 14.5 | 077985013851 | 1 | 1 |
| ACCESSORIES | | | | | | | |
|  | N97010 | CPRSDBEX | Wired Rain Sensor | 16.7 x 10 x 4.4 | 077985020286 | 1 | 5 |
|  | B40511 | 16AFDVC1 | 1/2" Filtered Drain Valve | 1.38 x 1 x 1.31 | 077985403508 | 1 | 25 |
|  | N89100 | P2A | Water Pressure Gauge | 2.06 x 3.69 x 1.31 | 077985168018 | 1 | 12 |
|  | N95301 | UT1 | SST Timer Replacement Transformer | 5 x 4 x 3 | 077985999667 | 1 | 6 |
|  | N90300 | WPCONN10 | Waterproof Wire Connects | 0.44 x 0.88 x 0.44 | 077985013370 | 10 | 6 |
|  | A51243 | 1800NPCAP | Non-Potable Purple Spray Cap | 2.44 x 2.44 x 0.63 | 077985081973 | 5 | 25 |



Drip Irrigation

Beautiful landscaping and gardens with less water



Introduction

Pop-Up Sprays
& Nozzles

Rotors

Impact Sprinklers

Timers

Valves

Accessories

Drip Irrigation

Hose End Products

Design Service



Drip Irrigation

Drip Irrigation

Precise, low-volume watering at the root zone

Drip irrigation uses micro watering devices placed near each plant. It installs easily on the surface without digging. Just run tubing from a faucet or other water source to your planting area, then attach your choice of watering devices.

TOP 4 BENEFITS OF DRIP IRRIGATION

Greener, healthier plants

Promotes plant budding and produces longer lasting, colorful blooms



Up to 80% water savings

Eliminates wasteful overspray and runoff of overhead sprays and hose end sprinkling



Less weeding

Waters the plants, not the surrounding soil



Easy to automate

Enjoy extra convenience and peace of mind by adding a Rain Bird timer



Selection

| | |
|---------------------------|-------|
| Water Connections | Pg 62 |
| Tubing and Fittings | Pg 66 |
| Drippers | Pg 72 |
| Micro Sprays | Pg 75 |
| Kits | Pg 78 |
| Selection Guide | Pg 82 |

WHERE TO USE DRIP IRRIGATION



Vegetable Gardens & Mixed Planting Beds



Flower Boxes & Containers



Shrubs, Trees & Dense Planting Areas



Ground Cover & Narrow Planting Areas



Ferns & Tropical Plants



FEATURING RAIN BIRD® END-TO-END WATERING UNIFORMITY FOR BEST GROWING RESULTS

With Rain Bird pressure-compensating drippers and micro sprays, all plants receive the moisture amounts you intend. The devices deliver consistent flow whether positioned at the beginning or near the end of the watering layout, even on slopes.

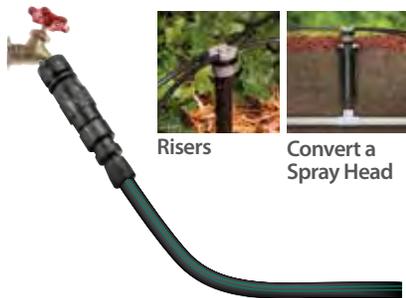
Advantages of pressure compensating technology:

- » Predictable watering wherever you need it
- » Healthier, greener plants throughout the garden and landscaping

DRIP IRRIGATION IN 3 EASY STEPS

Easy-to-shop color coded packaging

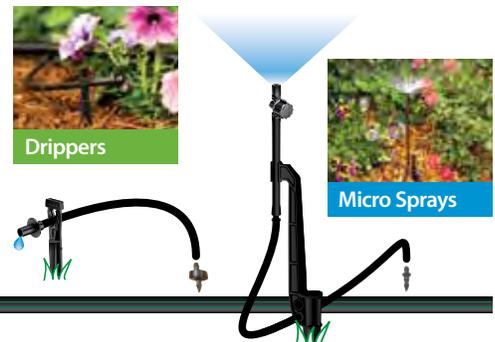
STEP 1 Connect to Water Source



STEP 2 Run Tubing to Plants



STEP 3 Attach Watering Devices





For best flow control from a faucet, choose the FCKIT-1PK kit (top), an all-in-one kit with backflow preventer, 25 PSI regulator, a 150 mesh filter and adapter for 1/2" or 5/8" drip tubing.



Automate your watering with the Rain Bird Easy To Program Hose End Timer.

1ZEHTMR
Pg 67

WATER CONNECTIONS FAUCET

- » Simplest connections for any drip zone
- » Ensure reliable operation of your drip system with properly regulated and filtered flow from an outside faucet

Faucet & Hose Thread Adapters, Regulators & Filters

| | |
|----------------------|---|
| FCKIT-1PK | Faucet Connection Kit |
| EF075FHTS | Adapter 3/4" Hose Thread Adapter to 1/2" & 5/8" Tubing |
| NEW QL075FHTX | Quick Lock Adapter for 5/8" Tubing |
| NEW CA075620X | Compression Adapter 3/4" Hose Thread to 1/2" (0.620" O.D.) Tubing |
| NEW CA075700X | Compression Adapter 3/4" Hose Thread to 1/2" (0.700" O.D.) Tubing |
| NEW CA075710X | Compression Adapter 3/4" Hose Thread to 1/2" (0.710" O.D.) Tubing |
| HT07525PSI | Pressure Regulator 25 PSI, 3/4" hose thread |
| HT075BKFLO | Backflow Preventer 150 mesh filter, 3/4" hose thread |
| HE025DP | Adapter 3/4" Hose Thread to 1/4" Tubing |
| NEW YFA075X | Dual Faucet Y Adapter |
| EFTFHT-1SX | 1/2" Universal Tee With FHT Adapter |

Faucet or Hose to 1/2" Tubing



Hose to 1/2" Tubing



EFTFHT-1SX

Faucet to 1/4" Tubing



HE025DP

Faucet Y



YFA075X



With Rain Bird kits and adapters, you can easily change a pop-up sprinkler or riser to become a filtered and regulated water source for use with drip devices.

WATER CONNECTIONS CONVERT FROM SPRAY TO DRIP

- » Up to 80% Water Savings compared to spray irrigation
- » See also: Drip Irrigation Kits, Page 110

Spray Head Conversion

- | | |
|-----------|---|
| RCKIT-1PS | <p>Riser Connection Kit</p> <ul style="list-style-type: none"> » Converts a sprinkler head or any 1/2" riser to become a filtered and regulated drip zone. » Includes built-in 30 psi pressure regulator and 200-mesh filter screen. » Universal compression tee works with all 1/2" – 5/8" OD drip tubing. |
| 1800CAPS | <p>Retrofit Cap for 1800® Series Sprinklers</p> <p>Cap unused 1800® Series sprinklers when converting a spray zone to drip irrigation.</p> |

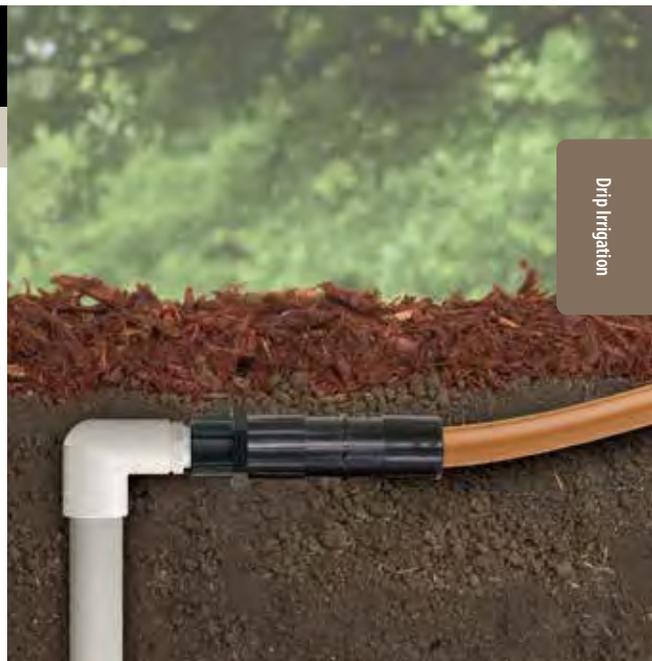


PVC CONNECTIONS

- » Connect drip tubing to 1/2" or 3/4" threaded PVC pipe

PVC Connections

- | | |
|-----------|---|
| EFP075FS | <p>Adapter</p> <p>3/4" Female Pipe Thread to 1/2" & 5/8" Drip Tubing</p> |
| BA-050MPS | <p>Adapter</p> <p>1/2" Male Pipe Thread to 1/2" & 5/8" Drip Tubing</p> |



Drip Irrigation



PRS05030S

RISMAN1S

RISAD-1S

Manifolds divide flow to 1/4" tubing. Use one or more ports as needed to cover the planting area.
MANIFPR9S (top)



Easily convert a conventional spray zone to a low-volume irrigation zone.
EAFPT-1SX

WATER CONNECTIONS RISER CONNECTIONS

» Connect drip tubing to any standard 1/2" riser

Manifolds, Pressure Regulator and Adapters

| | |
|----------------------|---|
| MANIFPR9S | Adjustable Manifold On/Off, Up to 9 Ports, 0-20 GPH, 25 PSI |
| MANIFRE1S | Manifold 1 Port, Free Flow |
| MANIFRE4S | Manifold 4 Port, Free Flow |
| MANIFRE1PK | Manifold 6 Port, Free Flow |
| PRS05030S | Pressure Regulator 30 PSI |
| RISMAN1S | Riser Adapter with 1/4" Barbed Port |
| NEW RISAD-1S | Riser Adapter for Threaded Drippers & Sprays |
| NEW EAFPT-1SX | Elbow Adapter for 1/2" Drip Tubing |





RBY075S

PRF10040S

PT7530PSI

Select complete Control Zone Kits or individual components, all designed specifically for use with low volume watering systems.

Anti-Siphon Control Zone Kit
CPZ075FAS (top)



In-Line Control Zone Kit.
CPZ075FIS

WATER CONNECTIONS VALVES & FILTERS

» Low flow Drip Irrigation Valves

Valves, Regulators & Filters

| | |
|-----------------------|---|
| CPZ075FAS | Anti-Siphon Control Zone Kit » Includes Drip Valve, 200 Mesh Filter & 30 PSI Regulator » Designed for low-flow drip systems, less than 5 GPM » 3/4" Female Pipe Thread Inlet/Outlet |
| CPZ075FIS | In-Line Control Zone Kit » Includes Drip Valve, 200 Mesh Filter & 30 PSI Regulator » Designed for low-flow drip systems, less than 5 GPM » 3/4" Female Pipe Thread Inlet/Outlet |
| RBY075S | 3/4" Inline Filter 200 Mesh |
| RBY100S | 1" Inline Filter 200 Mesh |
| PRF07530S | Pressure Regulator & Filter 30 PSI, 200 Mesh |
| PRF10040S | Pressure Regulator & Filter 40 PSI, 200 Mesh |
| NEW PT7530PSIX | Pressure Regulator 30 PSI, 3/4" Female Pipe Thread |





TUBING & FITTINGS 1/2" DISTRIBUTION TUBING

- » Long lasting performance in harsh conditions
- » Choice of 0.63" O.D. standard plus 0.70" or 0.71" O.D. heavy duty
- » 0.70" O.D. tubing has 15% thicker wall for extra durability
- » Available in 2', 50', 100' and 500' lengths

T63-100



| 1/2" Tubing | | | | |
|-------------|--------------------|---------|------------|-------------------|
| T71-100S | 1/2" Tubing | 100 Ft. | 0.71" O.D. | Standard |
| T71-500S | 1/2" Tubing | 500 Ft. | 0.71" O.D. | Standard |
| T70-2S | 1/2" Tubing | 2 Ft. | 0.70" O.D. | Heavy Duty |
| T70-50S | 1/2" Tubing | 50 Ft. | 0.70" O.D. | Heavy Duty |
| T70-100S | 1/2" Tubing | 100 Ft. | 0.70" O.D. | Heavy Duty |
| T70-500S | 1/2" Tubing | 500 Ft. | 0.70" O.D. | Heavy Duty |
| T63-050 | 1/2" Tubing | 50 Ft. | 0.63" O.D. | Standard |
| T63-100 | 1/2" Tubing | 100 Ft. | 0.63" O.D. | Standard |
| T63-500S | 1/2" Tubing | 500 Ft. | 0.63" O.D. | Standard |

1/2" EMITTER TUBING

- » Uniform watering for all plants
- » Built-in pressure compensating 0.9 GPH emitters with either 12" or 18" spacing
- » Clog-resistant, self-flushing emitter design
- » Healthier, greener growing results for shrubs, trees, ground cover and vegetable gardens

1/2" Emitter Tubing

| | | | |
|------------|----------------------------|-------------|---------|
| ET63918-50 | 1/2" Emitter Tubing | 18" Spacing | 50 Ft. |
| ET63-100S | 1/2" Emitter Tubing | 18" Spacing | 100 Ft. |
| ET7012100S | 1/2" Emitter Tubing | 12" Spacing | 100 Ft. |



ET63-100S





TUBING & FITTINGS

1/2" SUB-SURFACE EMITTER TUBING

- » Use above or below ground, 90% watering efficiency
- » Patented CopperShield™ emitter technology protects against root intrusion
- » 50' coil waters plants evenly with 33 pressure-compensating 0.9 GPH emitters spaced 18" apart
- » Ideal for organic gardens, shrub areas, ground cover

1/2" Emitter Tubing

SSF70-50S 1/2" Sub-Surface Emitter Tubing 50 Ft. 0.70" O.D.



1/2" UNIVERSAL EASY-FIT FITTINGS

- » Use with all brands of 1/2" – 5/8" O.D. drip tubing
- » Faster, more convenient way to make drip connections
- » Strong compression fitting avoids leaks
- » Works with any manufacturer's drip tubing from 16mm to 18 mm (1/2" to 5/8") OD

1/2" Universal Easy-Fit Fittings

| | | |
|-------------------------|--|---------|
| EFC25-1PK EFC25-10SX | 1/2" Universal Coupling | 10 Pack |
| EFE25-1PK | 1/2" Universal Elbow | |
| EFT25-1PK | 1/2" Universal Tee | |
| EFBIGT/1S | 1/2" Universal Spiked Tee | |
| EFCP-1PS | 1/2" Universal Flush Cap | |
| EFPLUG/1S | 1/2" Plug for Rain Bird® Universal Fittings | |



Universal compression fittings work with all brands of 1/2" – 5/8" drip tubing.



Drip Irrigation



TUBING & FITTINGS 1/2" COMPRESSION FITTINGS

- » Simple push-together assembly
- » Works with 0.710" O.D. drip tubing sizes

1/2" Universal Easy-Fit Fittings

| | | |
|---------|-----------------------------|-------------|
| CC710X | Compression Coupling | 0.710" O.D. |
| CE710X | Compression Elbow | 0.710" O.D. |
| CT710X | Compression Tee | 0.710" O.D. |
| CEP710X | Compression End Cap | 0.710" O.D. |



1/2" BARBED FITTINGS

- » Barbed ends lock tubing for a secure, leak-proof connection
- » Works with manufacturer's drip tubing from 1/2" to 5/8" OD
- » For faster installation, use Insertion Tool FT/1PK50S (pg. 69)

1/2" Barbed Fittings

| | | |
|----------|-----------------------------|--------|
| BC50-1S | 1/2" Barbed Coupling | 4 Pack |
| BE50/4PK | 1/2" Barbed Elbow | 4 Pack |
| BT50/4PK | 1/2" Barbed Tee | 4 Pack |



1/2" TWIST LOCK FITTINGS

- » Removable for re-use
- » Works with 0.700" O.D. drip tubing sizes



1/2" Twist Lock Fittings

| | | | |
|------------|------|----------------------------|-------------|
| NEW | TLCX | Twist Lock Coupling | 0.700" O.D. |
| NEW | TLEX | Twist Lock Elbow | 0.700" O.D. |





BVAL50-1S



PS50-1S



GS50/10PS



TC/1PKS



HPTCX



HPUN1-1S



FT/1PK50S



Use with 1/2" Tubing to allow easy flushing and draining of the system.

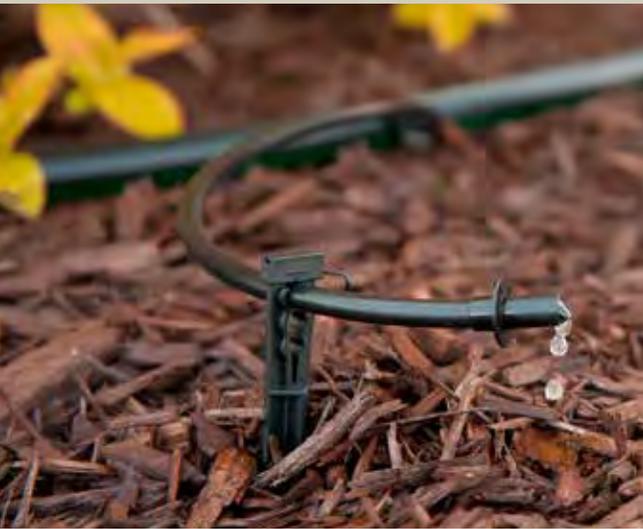
EC50/2PKS

TUBING & FITTINGS 1/2" TUBING STAKES & ACCESSORIES

1/2" Tubing Stakes & Accessories

| | | |
|------------------|--|--------------------------------|
| BVAL50-1S | 1/2" Tubing Shutoff Valve | |
| EC50/2PKS | 1/2" Tubing Clamp | 2 Pack |
| TC/1PKS | Tubing Cutter | |
| PS50-1S | Tubing Stake | Poly, 6-3/4" Length |
| GS50/10PS | Tubing Stakes | Galvanized Wire, 5-5/8" Length |
| FT/1PK50S | 1/2" Barbed Fitting Insertion Tool | |
| HPUN1-1S | Hole Punch for Drippers & 1/4" Fittings | |
| NEW HPTCX | Hole Punch & Tubing Cutter | |





TUBING & FITTINGS 1/4" TUBING

- » Featuring exclusive Non-slip grip Gription™ technology for easier insertion of fittings in wet conditions
- » Self-dispensing wrap for easy installation
- » Choice of 50', 100' and 250' coil lengths

| 1/4" Tubing | | | |
|-------------|--------------------|--------|----------------------|
| T22-50 | 1/4" Tubing | 50 Ft | Non-slip grip |
| T22-100S | 1/4" Tubing | 100 Ft | Non-slip grip |
| T22-250S | 1/4" Tubing | 250 Ft | Non-slip grip |

T22-250S



1/4" EMITTER TUBING

- » With built-in 0.8 GPH emitters for easy installation
- » Ideal for ground cover, shrubs, larger containers and closely spaced plants
- » Choice of 6" or 12" emitter spacing

1/4" Emitter Tubing

| | | | |
|-----------|----------------------------|-------|-------------|
| ET256-50S | 1/4" Emitter Tubing | 50 Ft | 6" Spacing |
| ET25-50S2 | 1/4" Emitter Tubing | 50 Ft | 12" Spacing |



ET25-50S2





TUBING & FITTINGS

1/4" BARBED FITTINGS

- » Fast, simple connections
- » Use in-line to connect 1/4" tubing or pierce the side of 1/2" tubing to make branch tubing runs
- » Durable plastic, 0 to 50 psi operating range when used with polyethylene tubing

Use the patented Installation Tool for easiest connections in large drip systems.
ET/1PK25SX



BC25/10PS

BE25-10S

BT25/10PS

1/4" Barbed Fittings

| | | |
|------------------------|-----------------------------|--------------------|
| BC25/10PS BC25-30PS | 1/4" Barbed Coupling | 10 Pack 30 Pack |
| BE25-10S | 1/4" Barbed Elbow | 10 Pack |
| BT25/10PS BT25-30PS | 1/4" Barbed Tee | 10 Pack 30 Pack |

1/4" TUBING STAKES & ACCESSORIES

- » Professional grade installation tools and system accessories

1/4" Tubing Stakes & Accessories

| | |
|------------------------|--|
| BVAL25-2S | 1/4" Shutoff Valve Allows shutting off a section of your system for repairs or to adjust flow |
| TP25/10PS TP25-30PK | 1/4" Tubing Plug Also seal unused holes in 1/2" tubing - "goof plugs" |
| TS25/10PS | 1/4" Tubing Stake , 10 Pack Used with 1/4" tubing and drippers |
| ET/1PK25S | Installation Tool Insert Drippers & 1/4" Fittings |
| NEW GS2510PSX | 1/4" Tubing Stake Durable galvanized wire, 10 Pack |



TS25/10PS

GS2510PSX



BVAL25-2S

TP25/10PS



ET/1PK25S



TP25/10PS

BVAL25-2S

ET/1PK25S

GS2510PSX

TS25/10PS



DRIPPERS PRESSURE COMPENSATING

- » Uniform, dependable flow to all plants
- » Exclusive self-piercing models for easy insertion by hand or using the Installation Tool (ET/1PK25SX)
- » Delivers uniform flow throughout a wide pressure range (15 to 50 psi)
- » Flushing action minimizes clogging
- » Color coded to identify flow rate (0.5 to 5.0 gph)
- » Choice of self-piercing barbed, inline barbed or staked

Self-Piercing, Barbed PC Drippers

» Easiest insertion

| | | |
|------------------------|-------------------------------|--------------------|
| SW05-10PK | ● 0.5 GPH Dripper | 10 Pack |
| SW10/10PS SW10-30PK | ● 1 GPH Dripper | 10 Pack 30 Pack |
| SW20/10PS SW20-30PK | ● 2 GPH Dripper | 10 Pack 30 Pack |
| SW50/05PS | ● 5 GPH Dripper with Diffuser | 5 Pack |



Barbed PC Drippers with Built-In Check Valve

» Prevents drainage on slopes

| | | | |
|-----------------------|-------------------|----------------------|---------|
| NEW CVD0510PKX | ● 0.5 GPH Dripper | Built-In Check Valve | 10 Pack |
| NEW CVD1010PKX | ● 1 GPH Dripper | Built-In Check Valve | 10 Pack |
| NEW CVD2010PKX | ● 2 GPH Dripper | Built-In Check Valve | 10 Pack |



In-line and Staked PC Drippers

» Ideal for pots, planters and landscaped areas

| | |
|----------------------|--------------------------------|
| NEW ILD10STKX | ● 1 GPH In-Line Staked Dripper |
| NEW SD14PKSX | ● 1 GPH Staked Dripper |
| NEW SD24PKSX | ● 2 GPH Staked Dripper |





DRIPPERS NON PRESSURE COMPENSATING

» Low flow watering of containers and landscape plants

Button Drippers

» Self-piercing barbed

| | | |
|-----------------------|---------------------------------|-------------------|
| BUE05-25S BUE05-5S | ● 0.5 GPH Button Dripper | 25 Pack 5 Pack |
| BUE10-25S BUE10-5S | ● 1 GPH Button Dripper | 25 Pack 5 Pack |
| BUE20-25S BUE20-5S | ● 2 GPH Button Dripper | 25 Pack 5 Pack |



BUE05-25S

BUE10-25S

BUE20-25S

Flag Drippers

» Removable cap for cleaning

| | | |
|----------------------|-----------------------------|---------|
| FE10-25S | ● 1 GPH Flag Dripper | 25 Pack |
| NEW FE20-25SX | ● 2 GPH Flag Dripper | 25 pack |
| FE40-25S | ● 4 GPH Flag Dripper | 25 Pack |



FE10-25S

FE20-25SX

FE40-25S

In-Line and Adjustable Drippers

» Flexible spacing and flow to cover a variety of plants

| | | |
|-----------------------|-----------------------------------|---------|
| NEW ILD0510PKX | ● 0.5 GPH In-Line Dripper | 10 Pack |
| NEW ILD1010PKX | ● 1 GPH In-Line Dripper | 10 Pack |
| NEW ILD2010PKX | ● 2 GPH In-Line Dripper | 10 Pack |
| NEW ADJD10PKSX | 0-2 GPH Adjustable Dripper | 10 Pack |

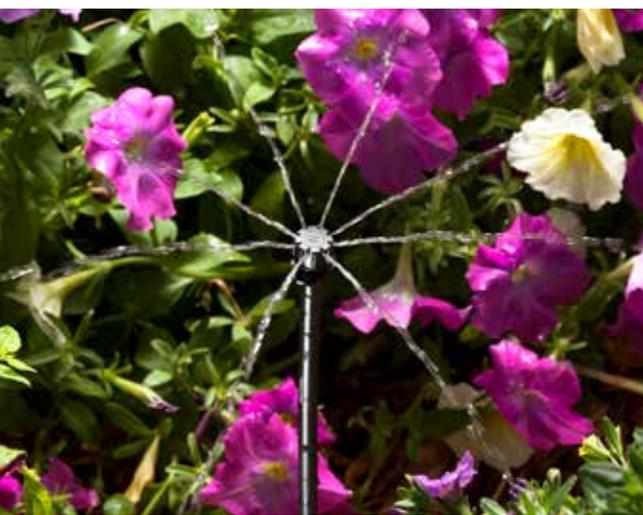


ILD0510PKX

ILD1010PKX

ILD2010PKX

ADJD10PKSX



DRIPPERS MICRO BUBBLERS

- » Ideal for shrubs, trees and dense planting areas
- » Adjustable flow and radius by turning cap

Staked Bubblers

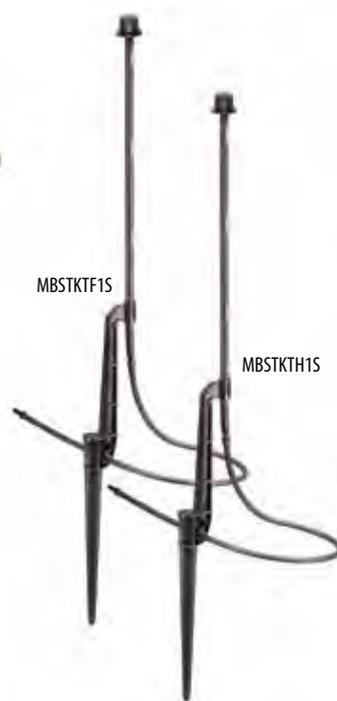
| | | | |
|---------------------|-----------------------------|-----------------|---------|
| MBF20PKS | 360° Bubbler | 0–3' Distance | 10 Pack |
| MBF4PK | | | 4 Pack |
| MBH4PKS | 180° Bubbler | 0–3' Distance | 4 Pack |
| MUF-SPK4S | 360° Umbrella | 0–3' Distance | 4 Pack |
| NEW ILB4PKSX | 360° In-Line Bubbler | 0–1.5' Distance | 4 Pack |

Riser Mounted Bubblers

| | | | |
|-----------|---|---------------|----------------------|
| MBSTKTF1S | 360° Bubbler On Adjustable Riser | 0–3' Distance | |
| MBSTKTH1S | 180° Bubbler On Adjustable Riser | 0–3' Distance | |
| MBUB-F/2S | 360° Bubbler | Riser Mount | 0–3' Distance 2 Pack |
| MBUB-H/2S | 180° Bubbler | Riser Mount | 0–3' Distance 2 Pack |
| MUMB-F2S | 360° Umbrella | Riser Mount | 0–3' Distance 2 Pack |

Self Piercing Bubblers

| | | | |
|----------|---------------------|-----------------|--------|
| MBSPF10S | 360° Bubbler | 0–1.5' Distance | 4 Pack |
|----------|---------------------|-----------------|--------|

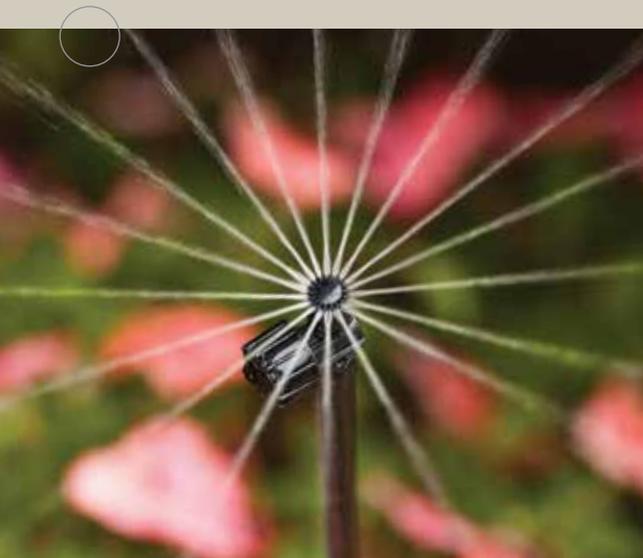


Use with Staked Risers:
MCSTK1PKS, MWSTK-1S, MPTRISERS
or RISER1PKS page 109



Use with 1/2" Drip Tubing





MICRO SPRAYS RISER MOUNT

- » Ideal for taller plants such as shrubs as well as closely spaced flowers and ground cover
- » Select risers separately

Riser Mount Micro Sprays

| | | |
|----------------------|--------------------------------------|------------------------|
| MIST-F/2S | 360° Mister | 0–1.3' Distance 2 Pack |
| MSF2PKS | 360° Jet Micro Spray | 0–10' Distance 2 Pack |
| MSH2PKS | 180° Fan Micro Spray | 0–10' Distance 2 Pack |
| MSQ2PKS | 90° Fan Micro Spray | 0–10' Distance 2 Pack |
| NEW MSF10PKSX | 360° Fan Close In Micro Spray | 0–4' Distance 10 Pack |
| NEW MSH10PKSX | 180° Fan Close In Micro Spray | 0–4' Distance 10 Pack |
| NEW MSQ10PKSX | 90° Fan Close In Micro Spray | 0–4' Distance 10 Pack |
| NEW RS4PKSX | 360° Rotary Sprinkler | 1–14' Distance 4 Pack |
| NEW MSFF2PKSX | 360° Fan Micro Spray | 0–7' Distance 2 Pack |

MSF2PKS



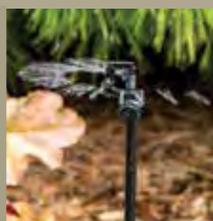
MSH2PKS



MSQ2PKS



MIST-F/2S



RS4PKSX



MSFF2PKSX



MSF10PKSX



MSH10PKSX



MSQ10PKSX





MSFFSTAKEX



MSDSSTKX



RSSTKX



Unique square pattern and rectangular pattern sprays help reduce overspray waste. Two throw distances – just turn the nozzle cap to preset stops. SQFSTKX

MICRO SPRAYS TALL ADJUSTABLE STAKED RISERS

- » Adjustable height to direct water exactly where you need it
- » Ideal for taller plants such as shrubs as well as closely spaced flowers and ground cover
- » Choice of patterns and spray intensity
- » Simple adjustment for flow and distance by turning top cap
- » Sturdy riser and stake includes 1/4" tubing

Micro Sprays With Tall Adjustable Staked Risers

| | | | | |
|------------|------------|--------------------------------------|-------------------------|---------|
| | MSSTKTF1S | 360° Jet Micro Spray | 0–10' Distance | |
| | MSSTKTH1S | 180° Fan Micro Spray | 0–10' Distance | |
| | MSSTKTQ1S | 90° Fan Micro Spray | 0–10' Distance | |
| NEW | MSFFSTAKEX | 360° Fan Micro Spray | 0–7' Distance | 10 Pack |
| NEW | RSSTKX | 360° Rotary Sprinkler | 1–14' Distance | |
| NEW | MSDSSTKX | 360° Downspray | 0–2' Distance | |
| NEW | SQFSTKX | Full Square Pattern Spray | 5' x 5' or 8' x 8' | |
| NEW | SQHSTKX | Rectangular Pattern Spray | 2.5' x 5' or 4' x 8' | |
| NEW | SQQSTKX | Quarter Square Pattern Spray | 2.5' x 2.5' and 4' x 4' | |
| NEW | MSFFSTKX | 360° Fan Close In Micro Spray | 0–4' Distance | 10 Pack |
| NEW | MSFHSTKX | 180° Fan Close In Micro Spray | 0–4' Distance | 10 Pack |
| NEW | MSFQSTKX | 90° Fan Close In Micro Spray | 0–4' Distance | 10 Pack |



Standard Jet and Fans

MSSTKTF1S MSSTKTH1S MSSTKTQ1S

Specialty

MSFFSTAKEX RSSTKX MSDSSTKX

Square Pattern

SQFSTKX SQHSTKX SQQSTKX

Close-In Fans

MSFFSTKX MSFHSTKX MSFQSTKX



MISTUB-15

MICRO SPRAYS SPECIALTY

Micro Sprays Special Purpose

| | | | |
|----------------------|-----------------------------|----------------------|--------|
| MISTUB-15 | 360° Flexible Mister | | |
| XPOPSQ-15 | Pop-Up Micro Spray | 2.5' x 5' or 4' x 8' | |
| NEW MSFF4PKSX | 360° Staked Fan | 0-7' Distance | 4 Pack |



MSFF4PKSX

MISTUB-15

XPOPSQ-15



MSFF4PKSX



XPOPSQ-15

RISERS & STAKES

» Use with threaded drippers and micro sprays

Risers & Stakes

| | | |
|-----------|---|------------|
| MCSTK1PKS | Adjustable Staked Riser With 1/4" Tubing | 18" Height |
| MWSTK-1S | Adjustable Staked Riser | 18" Height |
| MPTRISERS | 1/2" MPT Riser Use with Universal Spiked Tee EFBIGT/1SX | 12" Height |
| RISER1PKS | Staked Riser | 12" Height |



MCSTK1PKS

MWSTK-1S

RISER1PKS

MPTRISERS

Convert an Underground Sprinkler Zone to a Water Saving Drip Zone:



1. Remove one sprinkler.
Or just remove the shaft if you have Rain Bird 1800® Series sprinklers.



2. Insert new drip conversion head.
Includes built-in pressure regulator and filter.



3. Run tubing
Run tubing from the conversion head through watering area and stake in place.



4. Attach watering devices



5. Cap other sprinklers on the zone.

DRIP IRRIGATION CONVERSION KITS

- » Easy to install watering kits for the garden, landscaped areas and container plants
- » Choose conversion kits for an easy switch from pop-up sprays or risers to drip watering
- » Other kits provide parts needed for specific watering areas and plant types
- » Start with these special value kits and expand your system later with additional tubing and watering devices
- » Up to 80% water savings compared to sprinklers

Spray to Drip Watering Zone Conversion Kit

CNVZONKT

- Features high capacity 1/2" tubing for water flow to larger areas
- 14 devices are provided to water different plant types and spacing

Kit includes

- (1) 50' of 1/2" distribution tubing
- (1) 50 ft of 1/4" tubing
- (1) conversion head with filter, pressure regulator and tubing adapter tee
- (4) 1.0 GPH drippers
- (4) 2 GPH drippers
- (6) 360° adjustable staked bubblers
- (14) 1/2" couplings
- (10) galvanized stakes plus end closures
- (5) caps to cover previous sprinkler risers





Spray To Drip Bubbler Conversion Kit

CNV182BUB

- Ideal for watering small trees and larger shrubs
- Converts a spray head to a micro bubbler watering zone without digging
- Conversion head has a built-in pressure regulator and filter to provide proper flow to each tubing run

Kit includes

- (1) Conversion head with filter and pressure regulator
- (1) 6-port manifold
- (1) roll 50' x 1/4" tubing
- (6) staked bubblers.



Spray To Dripper Conversion Kit

CNV182EMT

- Direct watering of small planting beds and gardens
- No digging necessary if converting an 1800® Series spray head
- Conversion head has a built-in pressure regulator and filter to provide proper flow to each tubing run

Kit includes

- (1) Conversion head with filter and pressure regulator
- (1) 6-port manifold
- (1) roll 50' x 1/4" tubing
- (1) 6 stakes with bug caps
- (3) 1.0 gallon-per-hour drippers
- (3) 2.0 gallon-per-hour drippers



Riser To Drip Manifold Conversion Kit

CNV2XBIRD

- Customized watering of smaller planting beds
- Converts a standard 1/2" threaded riser to 8 tubing runs
- 8-port manifold with drop-in drippers allows tailoring flow rates to different plants

Kit includes

- (1) 8-port manifold
- (8) watering stakes with bug caps
- (2) 0.5 gallon-per-hour drippers
- (4) 1.0 gallon-per-hour drippers
- (2) 2.0 gallon-per-hour drippers
- (1) roll 50' x 1/4" tubing



DRIP IRRIGATION SPECIAL PURPOSE KITS



Landscape & Garden Drip Watering Kit

LNDDRIPKIT

- Comprehensive 108-piece kit for flower beds, gardens and landscaped areas
- Includes 3 different types of watering devices: drippers, micro-bubblers and micro sprays
- Eliminates watering by hand

Kit includes

- | | |
|--|---------------------------------------|
| (1) 25 psi pressure regulator | (2) 1/4" barbed elbows |
| (1) backflow preventer | (10) 1/4" tubing plugs |
| (1) 3/4" to 1/2" adapter | (20) 1/4" tubing stakes w/ bug caps |
| (1) roll 50' x 1/2" x 0.700" ID tubing | (10) 1.0 gallon-per-hour drippers |
| (1) roll 50' x 1/4" tubing | (10) 2.0 gallon-per-hour drippers |
| (2) 1/2" barbed couplings | (2) 360° staked micro-bubblers |
| (6) 1/2" barbed tees | (2) 180° staked riser micro-sprays |
| (2) 1/2" barbed elbows | (2) 360° staked riser micro-sprays |
| (2) 1/2" end closures | (1) emitter installation/removal tool |
| (10) galvanized metal stakes | (1) complete instructions |
| (20) 1/4" barbed couplings | |
| (2) 1/4" barbed tees | |



Landscape & Garden Micro Spray Watering Kit

LNDMSKIT

- Complete 54-piece kit for flower beds, gardens and landscaped areas
- Includes 2 types of watering devices: staked micro-bubblers and staked riser micro sprays
- Customize to fit your specific landscape or garden design

Kit includes

- | | |
|--|------------------------------------|
| (1) 25 psi pressure regulator | (6) 1/4" barbed couplings |
| (1) backflow preventer | (2) 1/4" barbed tees |
| (1) 3/4" to 1/2" adapter | (2) 1/4" barbed elbows |
| (1) roll 50' x 1/2" x 0.700" ID tubing | (10) 1/4" tubing plugs |
| (1) roll 50' x 1/4" tubing | (2) 360° staked micro-bubblers |
| (2) 1/2" barbed couplings | (2) 180° staked riser micro-sprays |
| (6) 1/2" barbed tees | (2) 360° staked riser micro-sprays |
| (2) 1/2" barbed elbows | (1) hole punch tool |
| (2) 1/2" end closures | (1) complete instructions |
| (10) galvanized metal stakes | |



Landscape Watering Kit

LNSWKIT

- 57 piece kit to start or expand a drip system for flower beds, shrubs and other landscaped areas
- Covers 23 or more widely spaced plants
- Connects easily to existing 1/2" distribution tubing and regulated water supply adapter (not included)

Kit includes

- | | |
|-----------------------------------|---------------------------------------|
| (1) 50 feet of 1/4" tubing | (8) 1/4" barbed tees |
| (10) drippers - 1 GPH | (1) dripper installation tool |
| (10) drippers - 2 GPH | (10) 1/4" tubing stakes with bug caps |
| (1) Micro bubbler - full pattern | (10) 1/4" tubing goof plugs. |
| (2) Micro bubblers - half pattern | |
| (2) 1/4" barbed couplings, | |





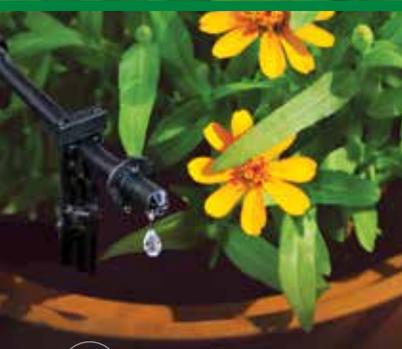
Potted Plant Watering Kit

PATIOKIT

- Easy, convenient way to water up to 8 container plants
- Eliminates watering by hand
- Produces longer lasting blooms and greener leaves
- Add the Rain Bird® hose-end timer 1ZEHTMR for automated watering convenience

Kit includes

- | | |
|--|-------------------------------------|
| (1) 3/4" pressure regulator with 1/4" tubing adaptor | (4) 2.0 GPH drippers |
| (10) 1/4" tubing stakes with bug caps | (4) 1.0 GPH drippers |
| (2) 1/4" barbed couplings | (8) 1/4" barbed tees |
| (10) tubing mounting clips, | (1) 25' of 1/4" distribution tubing |



Container Plant Watering Kit

WTRKT

- Waters up to 6 pots or hanging baskets
- Add the Rain Bird® hose-end timer 1ZEHTMR for automated watering convenience

Kit includes

- | | |
|--|------------------------|
| (1) 3/4" pressure regulator with 1/4" tubing adaptor | (3) 2.0 GPH drippers |
| (6) 1/4" tubing stakes with bug caps | (3) 1.0 GPH drippers |
| (2) 1/4" barbed couplings | (8) 1/4" barbed tees |
| (10) tubing mounting clips | (1) 25' of 1/4" tubing |



Drip Watering Starter Kit

STARTERKIT

- Adjustable micro watering for all types of plants
- Easy-to-install kit with faucet adapter, tubing and six high-rise watering devices with different patterns
- Staked risers adjust from 12" to 18" height to direct water exactly where you want it
- Up to 80% water savings compared to hose-end sprinklers
- Schedule watering automatically with optional timer 1ZEHTMR

Kit includes

- | | |
|---|------------------------|
| (1) 50' of 1/2" distribution tubing | (10) galvanized stakes |
| (1) 1/2" barbed tee | (2) micro sprays |
| (1) faucet mounted regulator and filter | (2) micro bubblers, |
| (6) adjustable riser stakes | (1) umbrella bubbler |
| (1) hole punch | (1) micro mister |
| (2) end closures | |



Drip Repair & Expansion Kit

DRIPPAILQ

- Provides most commonly needed drip devices and tubing in a handy pail with parts tray
- Easily repair tubing breaks, adjust dripper flow for growing plants and replace clogged devices
- Includes the Rain Bird Installation Tool for easy insertion of drippers and barbed fittings

Pail includes

- | | |
|-------------------------|----------------------------------|
| (1) 250' of 1/4" tubing | (10) 1/4 tubing plugs/goof plugs |
| (1) faucet adapter | (20) 1/4" barbed tees |
| (10) 1/4" tubing stakes | (20) 1/4" barbed couplings |
| (10) bug caps, | (1) dripper installation tool |
| (10) 0.5 GPM drippers | (1) complete instructions |
| (20) 1.0 GPM drippers | |
| (10) 2.0 GPH drippers | |



| | Model | Description | Per Pack | Per Case |
|--|--------------------|--|----------|----------|
| WATER CONNECTIONS | FAUCET CONNECTIONS | | | |
|  | FCKIT-1PK | Faucet Connection Kit <ul style="list-style-type: none"> ▪ Pressure Regulator ▪ Backflow Preventor ▪ 150 Mesh Filter ▪ 1/2" tubing adapter | 1 | 7 |
|  | EF075FHTS | Universal Adapter <ul style="list-style-type: none"> ▪ 3/4" Hose Thread to 1/2" & 5/8" Tubing | 1 | 25 |
|  | HT07525PS | Pressure Regulator <ul style="list-style-type: none"> ▪ 25 PSI ▪ 3/4" Hose Thread | 1 | 25 |
|  | HT075BKFLO | Backflow Preventer <ul style="list-style-type: none"> ▪ 150 Mesh Filter ▪ 3/4" Hose Thread | 1 | 25 |
|  | HE025DPS | Adapter <ul style="list-style-type: none"> ▪ 3/4" Hose Thread to 1/4" Tubing | 1 | 15 |
|  | EFTFHT-1S | Universal Tee With FHT Adapter <ul style="list-style-type: none"> ▪ 1/2" - 5/8" Tubing | 1 | 25 |
|  | QL075FHTX | Quick Lock Adapter for 1/2" Tubing <ul style="list-style-type: none"> ▪ 0.70" O.D. Tubing ▪ 3/4" Hose Thread | 1 | 35 |
|  | YFA075X | Dual Faucet Y Adapter <ul style="list-style-type: none"> ▪ 3/4" Hose Thread | 1 | 30 |
|  | CA075710X | Compression Adapter <ul style="list-style-type: none"> ▪ 3/4" Hose Thread to 1/2" Tubing ▪ 0.710" O.D. Tubing | 1 | 30 |

| | Model | Description | Per Pack | Per Case |
|---|--------------------------|--|----------|----------|
| WATER CONNECTIONS | CONVERT TO DRIP | | | |
|  | RCKIT-1PK | Riser Connection Kit | 1 | 5 |
|  | 1800CAPS | Retrofit Cap for 1800° Series Sprinklers | 1 | 10 |
| WATER CONNECTIONS | PVC CONNECTIONS | | | |
|  | EFP075FS | Adapter ▪ 3/4" Female Pipe Thread to 1/2" & 5/8" Tubing | 1 | 25 |
|  | BA-050MPS | Adapter ▪ 1/2" Male Pipe Thread to 1/2" & 5/8" Tubing | 1 | 36 |
| WATER CONNECTIONS | RISER CONNECTIONS | | | |
|  | MANIFPR9S | Adjustable On/Off Manifold, Up to 9 Ports ▪ 0-20 GPH ▪ 25 PSI ▪ 1/2" Female Pipe Thread | 1 | 6 |
|  | MANIFRE1S | Manifold, 1 Port ▪ Free Flow ▪ 1/2" Female Pipe Thread | 1 | 25 |
|  | MANIFRE4S | Manifold, 4 Port ▪ Free Flow ▪ 1/2" Female Pipe Thread | 1 | 10 |
|  | MANIFRE1PK | Manifold, 6 Port ▪ Free Flow ▪ 1/2" Female Pipe Thread | 1 | 10 |
|  | MANIF21PK | Manifold, 6 Port ▪ 2 GPH ▪ 1/2" Female Pipe Thread | 1 | 10 |

| | Model | Description | Per Pack | Per Case |
|---|------------------|---|----------|----------|
|  | PRS05030S | Pressure Regulator for 1/2" Risers <ul style="list-style-type: none"> ▪ 30 PSI ▪ 1/2" Female Pipe Thread | 1 | 25 |
|  | RISMAN1S | Riser Adapter with 1/4" Barbed Port <ul style="list-style-type: none"> ▪ 1/2" Female Pipe Thread Base ▪ 1/2" threaded top accepts shrub nozzles or spray head | 1 | 25 |
|  | RISAD-1S | Riser Adapter <ul style="list-style-type: none"> ▪ For Threaded Drippers & Sprays ▪ 1/2" Female Pipe Thread | 1 | 50 |
|  | EAFTP-1S | 1/2" Drip Tubing Elbow Adapter <ul style="list-style-type: none"> ▪ 1/2" Female Pipe Thread | 1 | 36 |
| WATER CONNECTIONS | | DRIP IRRIGATION VALVES, REGULATORS & FILTERS | | |
|  | CPZ075FAS | Anti-Siphon Drip Valve <ul style="list-style-type: none"> ▪ 30 PSI Regulator ▪ 200 Mesh Filter ▪ 3/4" Female Pipe Thread | 1 | 5 |
|  | CPZ075FIS | In-Line Drip Valve <ul style="list-style-type: none"> ▪ 30 PSI Regulator ▪ 200 Mesh Filter ▪ 3/4" Female Pipe Thread | 1 | 5 |
|  | RBY075S | In-line Filter - 3/4" <ul style="list-style-type: none"> ▪ 200 Mesh Filter ▪ 3/4" Female Pipe Thread | 1 | 8 |
|  | RBY100S | In-line Filter - 1" <ul style="list-style-type: none"> ▪ 200 Mesh Filter ▪ 1" Female Pipe Thread | 1 | 8 |
|  | PRF07530S | Pressure Regulator & Filter <ul style="list-style-type: none"> ▪ 30 PSI Regulator ▪ 200 Mesh Filter ▪ 3/4" Male Pipe Thread | 1 | 8 |
|  | PRF10040S | Pressure Regulator & Filter <ul style="list-style-type: none"> ▪ 40 PSI Regulator ▪ 200 Mesh Filter ▪ 1" Male Pipe Thread | 1 | 8 |

| | Model | Description | Length | Per Pack | Per Case |
|---|-------------------|---|---------|----------|----------|
|  | PT7530PSIX | Pressure Regulator <ul style="list-style-type: none"> ▪ 30 PSI Regulator ▪ 3/4" Female Pipe Thread | | 1 | 25 |
| TUBING AND FITTINGS | | | | | |
| 1/2" TUBING & FITTINGS | | | | | |
|  | T71-100S | 1/2" Tubing <ul style="list-style-type: none"> ▪ 0.710" O.D. | 100 Ft. | 1 | 5 |
|  | T71-500S | 1/2" Tubing <ul style="list-style-type: none"> ▪ 0.710" O.D. | 500 Ft. | 1 | 1 |
|  | T70-2S | 1/2" Tubing <ul style="list-style-type: none"> ▪ 0.700" O.D. ▪ Heavy Duty | 2 Ft. | 1 | 40 |
|  | T70-50S | 1/2" Tubing <ul style="list-style-type: none"> ▪ 0.700" O.D. ▪ Heavy Duty | 50 Ft. | 1 | 9 |
|  | T70-100S | 1/2" Tubing <ul style="list-style-type: none"> ▪ 0.700" O.D. ▪ Heavy Duty | 100 Ft. | 1 | 5 |
|  | T70-500S | 1/2" Tubing <ul style="list-style-type: none"> ▪ 0.700" O.D. ▪ Heavy Duty | 500 Ft. | 1 | 1 |
|  | T63-050 | 1/2" Tubing <ul style="list-style-type: none"> ▪ 0.630" O.D. | 50 Ft. | 1 | 9 |
|  | T63-100 | 1/2" Tubing <ul style="list-style-type: none"> ▪ 0.630" O.D. | 100 Ft. | 1 | 5 |
|  | T63-500S | 1/2" Tubing <ul style="list-style-type: none"> ▪ 0.630" O.D. | 500 Ft. | 1 | 1 |

| | Model | Description | Length | Per Pack | Per Case |
|---|---------------------------------------|---|---------|----------|-----------|
|  | ET7012100S | 1/2" Emitter Tubing <ul style="list-style-type: none"> 0.700 O.D. 12" Spacing 0.9 GPH | 100 Ft | 1 | 5 |
|  | ET63918-50 | 1/2" Emitter Tubing <ul style="list-style-type: none"> 0.630" O.D. 18" Spacing 0.9 GPH | 50 Ft. | 1 | 9 |
|  | ET63-100S | 1/2" Emitter Tubing <ul style="list-style-type: none"> 0.630" O.D. 18" Spacing 0.9 GPH | 100 Ft. | 1 | 3 |
|  | SSF70-50S | 1/2" Sub-Surface Emitter Tubing <ul style="list-style-type: none"> 0.700" O.D. 0.9 GPH with 18" Spacing Above or Below Ground | 50 Ft | 1 | 8 |
|  | BC50-1S BC50/4PK | 1/2" Barbed Coupling <ul style="list-style-type: none"> 1/2" - 5/8" Tubing | | 1 4 | 100 13 |
|  | BE50/4PK | 1/2" Barbed Elbow <ul style="list-style-type: none"> 1/2" - 5/8" Tubing | | 4 | 13 |
|  | BT50/4PK | 1/2" Barbed Tee <ul style="list-style-type: none"> 1/2" - 5/8" Tubing | | 4 | 13 |
|  | EFC25-1PK EFC25-10SX | 1/2" Universal Coupling <ul style="list-style-type: none"> 1/2" - 5/8" Tubing | | 1 10 | 25 5 |
|  | EFE25-1PK | 1/2" Universal Elbow <ul style="list-style-type: none"> 1/2" - 5/8" Tubing | | 1 | 25 |
|  | EFT25-1PK | 1/2" Universal Tee <ul style="list-style-type: none"> 1/2" - 5/8" Tubing | | 1 | 25 |

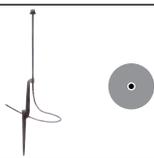
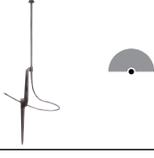
| | Model | Description | Per Pack | Per Case |
|---|------------------|---|----------|----------|
|  | EFBIGT/1S | 1/2" Universal Spiked Tee ▪ 1/2" - 5/8" Tubing | 1 | 10 |
|  | EFPLUG/1S | 1/2" Universal Flush Cap ▪ 1/2" - 5/8" Tubing | 1 | 25 |
|  | TLCX | Twist Lock Coupling ▪ Removable for re-use ▪ 0.7" O.D. Tubing | 1 | 35 |
|  | TLEX | 1/2" Barbed Elbow ▪ Removable for re-use ▪ 0.7" O.D. Tubing | 1 | 35 |
|  | CC710X | 1/2" .710 Compression Coupling ▪ 0.710" O.D. Tubing | 1 | 35 |
|  | CE710X | 1/2" .710 Compression Elbow ▪ 0.710" O.D. Tubing | 1 | 35 |
|  | CT710X | 1/2" .710 Compression Tee ▪ 0.710" O.D. Tubing | 1 | 25 |
|  | CEP710X | 1/2" .710 Compression End Plug ▪ 0.710" O.D. Tubing | 1 | 35 |
|  | EFPLUG/1S | Plug for Rain Bird® Universal Fittings | 1 | 25 |

| | Model | Description | Per Pack | Per Case |
|---|------------------|---|----------|----------|
|  | BVAL50-1S | 1/2" Tubing Shutoff Valve | 1 | 25 |
|  | EC50/2PKS | 1/2" Tubing Clamp | 2 | 15 |
|  | TC/1PKS | Tubing Cutter ▪ For 1/4" and 1/2" Tubing | 1 | 8 |
|  | PS50-1S | Poly Tubing Stake ▪ 6-3/4" L | 1 | 70 |
|  | GS50/10PS | Tubing Stakes ▪ Galvanized Steel ▪ 5-5/8" L | 10 | 15 |
|  | FT/1PK50S | 1/2" Barbed Fitting Insertion Tool ▪ 1/2" Barbed Fittings | 1 | 15 |
|  | HPUN1-1S | Hole Punch ▪ For Drippers & 1/4" Fittings | 1 | 40 |
|  | HPTCX | Hole Punch & Tubing Cutter | 1 | 15 |
| TUBING AND FITTINGS | | 1/4" TUBING & FITTINGS | | |
|  | T22-50 | 1/4 Inch Tubing - 50 Ft ▪ Non-slip grip Gription Technology | 1 | 8 |
|  | T22-100S | 1/4 Inch Tubing - 100 Ft ▪ Non-slip grip Gription Technology | 1 | 4 |

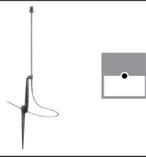
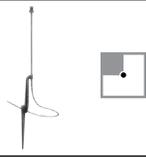
| | Model | Description | Per Pack | Per Case |
|---|--------------------------------------|---|----------|----------|
|  | T22-250S | 1/4 Inch Tubing - 250 Ft <ul style="list-style-type: none"> ▪ Non-slip grip Gription Technology | 1 | 4 |
|  | ET25-50S2 | 1/4 Inch Emitter Tubing - 50 Ft <ul style="list-style-type: none"> ▪ 1 GPH ▪ 12" Spacing | 1 | 4 |
|  | ET256-50S | 1/4 Inch Emitter Tubing - 50 Ft <ul style="list-style-type: none"> ▪ 1 GPH ▪ 6" Spacing | 1 | 7 |
|  | BC25/10PS BC25-30PS | 1/4 Inch Barbed Coupling | 10 30 | 15 10 |
|  | BE25-10S | 1/4 Inch Barbed Elbow | 10 | 15 |
|  | BT25/10PS BT25-30PS | 1/4 Inch Barbed Tee | 10 30 | 15 10 |
|  | BVAL25-2S | 1/4 Inch Shutoff Valve | 2 | 15 |
|  | TP25/10PS TP25-30PK | 1/4" Tubing Plug | 10 30 | 15 10 |
|  | TS25/10PS | 1/4" Tubing Stake | 10 | 10 |

| | Model | Description | Per Pack | Per Case |
|---|--------------------------------------|---|----------|----------|
|  | ET/1PK25S | Installation Tool Insert Drippers & 1/4" Fittings | 1 | 15 |
|  | MCLIP10PS | 1/4" Tubing Mounting Clip | 10 | 15 |
|  | GS2510PSX | 1/4" Tubing Stake ▪ Galvanized Steel | 10 | 20 |
| DRIPPERS | | PRESSURE COMPENSATING | | |
|  | SW05-10PS | 0.5 GPH Dripper ▪ Self Piercing ▪ Small Plants | 10 | 15 |
|  | SW10/10PS SW10-30PK | 1 GPH Dripper ▪ Self Piercing ▪ Small Shrubs & Bushes | 10 30 | 15 10 |
|  | SW20/10PS SW20-30PK | 2 GPH Dripper ▪ Self Piercing ▪ Large Shrubs & Bushes | 10 30 | 15 10 |
|  | SW50/05PS | 5 GPH Dripper with Diffuser ▪ Self Piercing ▪ Trees | 5 | 15 |
|  | CVD0510PKX | 0.5 GPH Dripper with Built-In Check Valve ▪ Self Piercing ▪ Small Shrubs & Bushes | 10 | 20 |
|  | CVD1010PKX | 1 GPH Dripper with Built-In Check Valve ▪ Self Piercing ▪ Small Shrubs & Bushes | 10 | 20 |
|  | CVD2010PKX | 2 GPH Dripper with Built-In Check Valve ▪ Self Piercing ▪ Large Shrubs & Bushes | 10 | 20 |

| | Model | Description | Per Pack | Per Case |
|---|----------------------------------|---|----------|----------|
|  | ILD10STKX | 1 GPH In-Line Staked Dripper ▪ Small Bushes & Container Plants | 4 | 15 |
|  | SD14PKSX | 1 GPH Staked Dripper ▪ Small Bushes & Container Plants | 4 | 15 |
|  | SD24PKSX | 2 GPH Staked Dripper ▪ Large Bushes & Container Plants | 4 | 15 |
| DRIPPERS | NON PRESSURE COMPENSATING | | | |
|  | BUE05-25S | 0.5 GPH Button Dripper | 25 | 10 |
| | BUE05-5S | ▪ Self Piercing ▪ Small Plants | 5 | 15 |
|  | BUE10-25S | 1 GPH Button Dripper | 25 | 10 |
| | BUE10-5S | ▪ Self Piercing ▪ Small Shrubs & Bushes | 5 | 15 |
|  | BUE20-25S | 2 GPH Button Dripper | 25 | 10 |
| | BUE20-5S | ▪ Self Piercing ▪ Large Shrubs & Bushes | 5 | 15 |
|  | FE10-25S | 1 GPH Flag Dripper ▪ Small Shrubs & Bushes | 25 | 10 |
|  | FE20-25SX | 2 GPH Flag Dripper ▪ Bushes & Trees | 25 | 10 |
|  | FE40-25S | 4 GPH Flag Dripper ▪ Trees | 25 | 10 |
|  | ADJD10PKSX | Adjustable, 0-2 GPH Dripper, ▪ Shrubs & Bushes | 10 | 20 |

| | Model | Description | Per Pack | Per Case |
|---|-------------------|--|----------|----------|
|  | ILD0510PKX | 0.5 GPH In-Line Dripper ▪ Small Plants | 10 | 20 |
|  | ILD1010PKX | 1 GPH In-Line Dripper ▪ Small Shrubs & Bushes | 10 | 20 |
|  | ILD2010PKX | 2 GPH In-Line Dripper ▪ Small Shrubs & Bushes | 10 | 20 |
| DRIPPERS | | MICRO BUBBLERS | | |
|  | MBF20PKS | 360° Staked Bubbler | 20 | 8 |
| | MBF4PKS | ▪ 0–13 GPH ▪ 0–3' Distance ▪ Trees & Bushes | 4 | 13 |
|  | MBH4PKS | 180° Staked Bubbler ▪ 0–13 GPH ▪ 0–3' Distance ▪ Trees & Bushes | 4 | 13 |
|  | MBSPF10S | 360° Micro Bubbler, Self Piercing ▪ 0–13 GPH ▪ 0–1.5' Distance ▪ Trees & Bushes | 10 | 15 |
|  | MBSTKTF1S | 360° Micro Bubbler On Riser ▪ 0–13 GPH ▪ 0–3' Distance ▪ Trees & Bushes | 1 | 8 |
|  | MBSTKTH1S | 180° Micro Bubbler On Riser ▪ 0–13 GPH ▪ 0–3' Distance ▪ Trees & Bushes | 1 | 8 |
|  | MBUB-F/2S | 360° Micro Bubbler, Riser Mount ▪ 0–13 GPH ▪ 0–3' Distance ▪ Trees & Bushes | 2 | 15 |
|  | MBUB-H/2S | 180° Micro Bubbler, Riser Mount ▪ 0–13 GPH ▪ 0–3' Distance ▪ Trees & Bushes | 2 | 15 |

| | Model | Description | Per Pack | Per Case |
|---|---------------------------------|--|----------|----------|
|  | MUF-SPK4S | 360° Umbrella Bubbler, Staked <ul style="list-style-type: none"> 0-35 GPH 0-3' Distance Trees & Container Plants | 4 | 13 |
|  | MUMB-F/2S | 360° Umbrella Bubbler, Riser Mount <ul style="list-style-type: none"> 0-35 GPH 0-4' Distance Trees & Container Plants | 2 | 15 |
|  | ILB4PKSX | 360° Staked In-Line Bubbler <ul style="list-style-type: none"> 0-13 GPH 0-1.5' Distance Trees & Bushes | 4 | 15 |
| MICRO SPRAYS | ADJUSTABLE STAKED RISERS | | | |
|  | MSSTKTF1S | 360° Jet On Staked Riser <ul style="list-style-type: none"> 0-31 GPH 0-10' Distance Flowers & Bushes | 1 | 8 |
|  | MSSTKTH1S | 180° Fan On Staked Riser <ul style="list-style-type: none"> 0-31 GPH 0-10' Distance Flowers & Bushes | 1 | 8 |
|  | MSSTKTQ1S | 90° Fan On Staked Riser <ul style="list-style-type: none"> 0-31 GPH 0-10' Distance Flowers & Bushes | 1 | 8 |
|  | MSFFSTAKEX | 360° Fan On Staked Riser <ul style="list-style-type: none"> 0-24 GPH 0-7' Distance Closely Spaced Plants | 1 | 10 |
|  | MSFFSTKX | 360° Fan On Staked Riser <ul style="list-style-type: none"> 0-11 GPH 0-4' Distance (Close In Watering) Closely Spaced Plants | 1 | 15 |
|  | MSFHSTKX | 180° Fan On Staked Riser <ul style="list-style-type: none"> 0-11 GPH 0-4' Distance (Close In Watering) Closely Spaced Plants | 1 | 15 |
|  | MSFQSTKX | 90° Fan On Staked Riser <ul style="list-style-type: none"> 0-11 GPH 0-5' Distance (Close In Watering) Closely Spaced Plants | 1 | 15 |

| | Model | Description | Per Pack | Per Case |
|---|------------------|--|----------|----------|
|  | MSDSSTKX | 360° Downspray On Staked Riser <ul style="list-style-type: none"> ▪ 10 GPH ▪ 0–2' Distance ▪ Flowers & Container Plants | 1 | 10 |
|  | SQFSTKX | Square Pattern Spray On Staked Riser <ul style="list-style-type: none"> ▪ Full Pattern ▪ 0–24 GPH ▪ 5' x 5' or 8' x 8' Distance ▪ Closely Spaced Plants | 1 | 8 |
|  | SQHSTKX | Rectangular Pattern Spray On Staked Riser <ul style="list-style-type: none"> ▪ Half Pattern ▪ 0–12 GPH ▪ 2.5' x 5' or 4' x 8' Distance ▪ Closely Spaced Plants | 1 | 8 |
|  | SQQSTKX | Square Pattern Spray On Staked Riser <ul style="list-style-type: none"> ▪ Quarter Pattern ▪ 0–7 GPH ▪ 2.5' x 2.5' or 4' x 4' Distance ▪ Closely Spaced Plants | 1 | 8 |
|  | RSSSTKX | 360° Rotary Sprinkler On Staked Riser <ul style="list-style-type: none"> ▪ 0–33 GPH ▪ 0–14' Distance ▪ Ground Cover & Flowers | 1 | 10 |
| MICRO SPRAYS | | RISER MOUNT | | |
|  | MIST-F/2S | 360° Mister, Riser Mount <ul style="list-style-type: none"> ▪ 0–31 GPH ▪ 0–1.3' Distance ▪ Flowers & Delicate Plants | 2 | 15 |
|  | MSF2PKS | 360° Jet, Riser Mount <ul style="list-style-type: none"> ▪ 0–31 GPH ▪ 0–10' Distance ▪ Flowers & Bushes | 2 | 15 |
|  | MSH2PKS | 180° Fan, Riser Mount <ul style="list-style-type: none"> ▪ 0–31 GPH ▪ 0–10' Distance ▪ Flowers & Bushes | 2 | 15 |
|  | MSQ2PKS | 90° Fan, Riser Mount <ul style="list-style-type: none"> ▪ 0–31 GPH ▪ 0–10' Distance ▪ Flowers & Bushes | 2 | 15 |

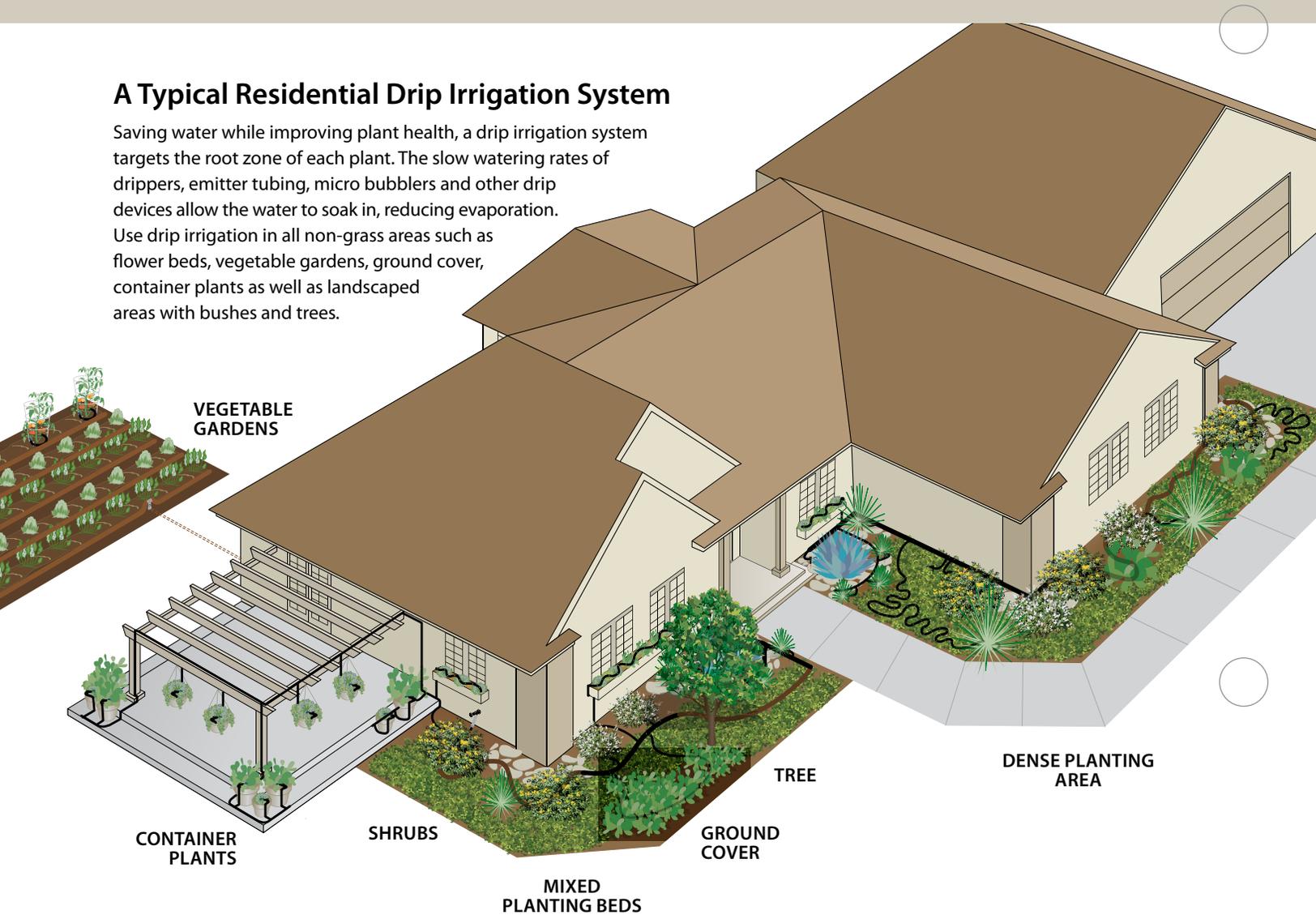
| | Model | Description | Per Pack | Per Case |
|---|------------------|---|----------|----------|
|  | MSF10PKSX | 360° Fan, Riser Mount <ul style="list-style-type: none"> 0–11 GPH 0–4' Distance (Close In Watering) Closely Spaced Plants | 10 | 20 |
|  | MSH10PKSX | 180° Fan, Riser Mount <ul style="list-style-type: none"> 0–11 GPH 0–4' Distance (Close In Watering) Closely Spaced Plants | 10 | 20 |
|  | MSQ10PKSX | 90° Fan, Riser Mount <ul style="list-style-type: none"> 0–11 GPH 0–5' Distance (Close In Watering) Closely Spaced Plants | 10 | 20 |
|  | RS4PKSX | 360° Rotary Sprinkler, Riser Mount <ul style="list-style-type: none"> 0–33 GPH 0–14' Distance Ground Cover & Flowers | 1 | 20 |
|  | MSFF2PKSX | 360° Fan, Riser Mount <ul style="list-style-type: none"> 0–24 GPH 0–7' Distance Closely Spaced Plants | 2 | 20 |
| MICRO SPRAYS | | SPECIALTY | | |
|  | MISTUB-1S | 360° Flexible Mister <ul style="list-style-type: none"> 0–6 GPH 0–1.3' Distance Container Plants | 1 | 15 |
|  | XPOPSQ-1S | 180° Pop-Up Micro Spray <ul style="list-style-type: none"> 10–13 GPH 2.5' x 5' or 4' x 8' Distance Flowers & Bushes | 1 | 12 |
|  | MSFF4PKSX | 360° Staked Fan <ul style="list-style-type: none"> 0–24 GPH 0–7' Distance Closely Spaced Plants | 4 | 15 |

| | Model | Description | Per Pack | Per Case |
|---|-----------------------|---|----------|----------|
| MICRO SPRAYS | RISERS, STAKES | | | |
|  | MCSTK1PKS | Adjustable Staked Riser With 1/4" Tubing <ul style="list-style-type: none"> ▪ 18" Height ▪ Threaded Devices | 1 | 8 |
|  | MWSTK-1S | Adjustable Staked Riser <ul style="list-style-type: none"> ▪ 18" Height ▪ Threaded Devices | 1 | 8 |
|  | MPTRISERS | Riser <ul style="list-style-type: none"> ▪ 12" Height ▪ 1/2" MPT (Male Pipe Thread) ▪ Threaded Devices | 1 | 30 |
|  | RISER1PKS | Staked Riser <ul style="list-style-type: none"> ▪ 12" Height ▪ Threaded Devices | 1 | 30 |
| DRIP IRRIGATION KITS | | | | |
|  | CNV182BUB | Spray To Drip Bubbler Conversion | 1 | 6 |
|  | CNV182EMT | Spray To Dripper Conversion | 1 | 6 |
|  | CNV2XBIRD | Riser To Drip Manifold Conversion | 1 | 4 |
|  | DRIPPAILQ | Drip Repair & Expansion Kit | 1 | 1 |
|  | LNDDRIPKIT | Landscape & Garden Drip Watering Kit | 1 | ? |
|  | LNDMSKIT | Landscape & Garden Micro Spray Watering Kit | 1 | ? |

| | Model | Description | Per Pack | Per Case |
|---|------------------|---------------------------------|----------|----------|
|  | LNSWKIT | Landscape Watering Kit | 1 | 4 |
|  | PATIOKIT | Potted Plant Watering Kit | 1 | 6 |
|  | CNVZONKT | Spray To Drip Zone Conversion | 1 | 4 |
|  | STARTKTCS | Drip Watering Starter Kit | 1 | 6 |
|  | WTRKT | Container Plant Watering Kit | 1 | 6 |
| AVAILABILITY SUBJECT TO STOCK ON HAND — Substitute: LNDDRIPKIT or LNDMSKIT | | | | |
|  | GRDNERKIT | Garden & Landscape Watering Kit | 1 | 3 |
|  | GRDNRKT7S | Garden & Landscape Watering Kit | 1 | 4 |

A Typical Residential Drip Irrigation System

Saving water while improving plant health, a drip irrigation system targets the root zone of each plant. The slow watering rates of drippers, emitter tubing, micro bubblers and other drip devices allow the water to soak in, reducing evaporation. Use drip irrigation in all non-grass areas such as flower beds, vegetable gardens, ground cover, container plants as well as landscaped areas with bushes and trees.



Suggested Watering Devices

Various watering devices can be used, depending upon plant types and spacing.



1/2" Emitter Tubing
for Row Plants in Vegetable Garden



Spot Watering
for Container Plants & Flower Boxes



Bubblers & Micro Sprays
for Shrubs, Trees & Dense Planting Areas



1/4" Emitter Tubing
for Ground Cover & Narrow Planting Areas



Hose-End Sprinklers & Kits

Easy To Install Watering Solutions



Introduction

Pop-Up Sprays
& Nozzles

Rotors

Impact Sprinklers

Timers

Valves

Accessories

Drip Irrigation

Hose End Products

Design Service



Hose-End Sprinklers & Kits

Featuring...

Professional grade Rain Bird watering solutions, now easily connected to your garden hose

Overview

The same high-quality Rain Bird components used in professionally installed systems

Choices for watering of lawns, flower beds, gardens, shrubs and other areas

Durable, long-lasting connections

Quick setup and flexible use all around the yard



Use a hose-end timer to control your drip watering zone or sprinklers.



| | Timer | | Sprinklers | | | | Kits | | | | Hose |
|--------------|-------------------|--------------|-----------------|--------|------------------|--------------------------|---------------------|--------------|---------------------|---------------------|------|
| | Automate Watering | Spiked Rotor | Staked Impacts | | In-Ground Impact | In-Ground Hose Activated | In-Ground Automatic | Square Spray | Drippers & Bubblers | Premium Garden Hose | |
| Model | 1ZEHTMR | 32SASP-C | 25PJLSP | P5RLSP | LG3HE | 32HE | 32ETI | MSDMSP-KIT | SWDMSP-KIT | PGH50 PGH75HF | |
| | | | DRIP IRRIGATION | | | | | | | | |
| Page | 102 | | 103 | | | 101 | | 104 | | 102 | |



EASY TO INSTALL AUTOMATIC SPRINKLER SYSTEM

- » The first professional grade Rain Bird sprinkler system designed specifically for homeowner installation
- » Everything needed to water a small area up to 3000 sq ft

Features

Attaches to any outside faucet

Includes 6 high-efficiency rotors with patented Rain Curtain™ watering technology

Heavy duty timer features large readout screen and simple 7-day programming

Sprinklers retract into the lawn, same as professionally installed systems

32ETI



Scan to view
installation video:

<http://www.rainbird.com/homeowner/products/systems/32ETI.htm>

NEW

HOSE-END IN-GROUND SPRINKLER SYSTEM

Works With Your Hose. Just Click-n-Go!

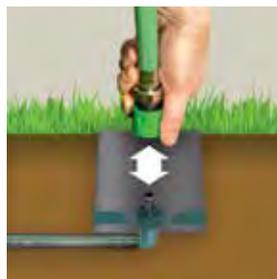
Permanent watering solution with 4 high-efficiency Rain Bird rotors.

Set and forget. No need to move and adjust sprinklers each time you water.

Rotors retract out of sight – mow right over them.

Complete in-ground system, up to 3000 square feet of uniform coverage

32HE



Patented Rain Curtain™ nozzle technology covers evenly, resists wind-blown overspray.



EASY TO PROGRAM HOSE END TIMER

- » Automate your hose-end sprinklers, drip irrigation system or soaker hose for better watering consistency
- » Large, easy to read dial and screen

Features

- Easy 7-day settings, water 1x or 2x per day
- One-touch override buttons for Manual Watering or Cancel Watering with Rain Delay up to 96 hours
- Rugged case and fittings for long lasting use
- High flow design for large area sprinklers
- Requires two AA batteries (purchased separately)

1ZEHTMR



Connect to hose (below) or combine with pressure regulator and filter for drip systems

NEW

PREMIUM RUBBER GARDEN HOSE

- » Constructed of 100% EDPM rubber — the professional gardener's choice for long-lasting durability
- » Heavy duty, nickel-plated brass couplings — won't crush or bend, even when run over by a vehicle
- » Choice of 50' x 5/8" Heavy Duty or 75' x 3/4" High Flow hose

Features

- Superior flexibility, easy to coil — even in freezing weather
- Hexagonal design with double-spiral reinforcing to resist kinking or puncture
- 3/4" high flow hose is ideal for pressure washing, lawn sprinklers and other uses requiring extended length and high water distribution
- Made in the U.S.A.



PGH50
5/8" x 50' Heavy Duty



PGH75HF
3/4" x 75' High Flow





Set it once, eliminate the hassle of setup and adjustment each time

HOSE-END IN-GROUND SPRINKLER

In-Ground Impact Sprinkler

Combines proven Rain Bird impact sprinkler reliability with convenient Click-n-Go™ hose connection

Simple, 3-step installation in a small hole — stays in place season after season

Retracts out of sight — mow right over it

Distance: 25' – 41'

LG3HE

360° 20°-360°



HOSE-END STAKED SPRINKLERS



Brass Deluxe Impact

Rugged, all metal construction

Heavy duty 8-inch step stake makes it easy to move sprinkler around the yard, even in hard packed clay soil

Same proven brass impact technology used in Rain Bird automatic systems

Straight through flow design for superior performance with dirty water

Distance: 20' – 41'

25PJLSP

360° 20°-360°



Plastic Impact

Same popular impact sprinkler technology used in Rain Bird automatic systems

Heavy duty 8-inch step take for ease of placement

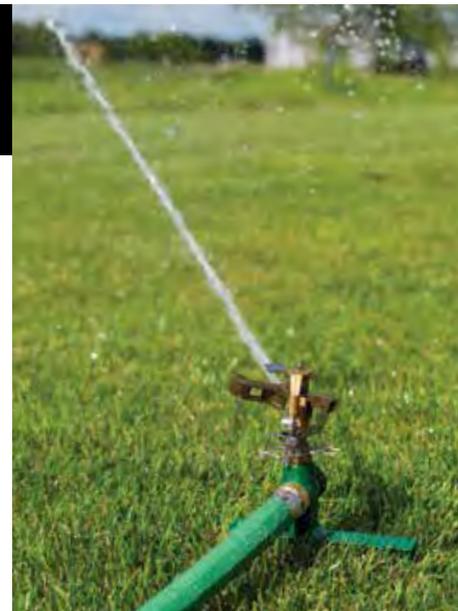
PJ™ spray-guiding arm controls water stream and helps prevent side splash onto buildings and sidewalks

Water saving distance control dial adjusts for watering radius

Distance: 25' – 41'

P5RLSP

360° 20°-360°



Rotor

Ideal for watering shrub areas, ground cover and hillsides

Same proven gear drive and Rain Curtain™ nozzle technology as used in all Rain Bird rotors

Produces large water droplets that avoid wind blown overspray and improve coverage

Simple top adjustment for arc and spray distance

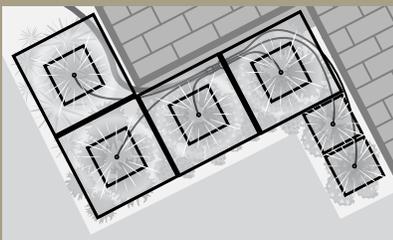
Distance: 19' – 32'

32SASP-C

360° 20°-360°



Rain Curtain™ technology avoids wind blown overspray and improves coverage consistency



Unique rectangular patterns are easy to use in any plant bed shape.



All-in-one watering hub with filter, pressure regulator and 6 ports to attach tubing runs

HOSE-END DRIP IRRIGATION KITS

Micro Spray Flower Bed Watering Kit

Water flowers, ground cover or other dense plantings

Includes 6 rectangular pattern sprays with high-rise stakes

All-in-one watering hub with filter, pressure regulator and 6 ports to attach tubing runs

Turn nozzles to adjust coverage from 5' to 8' square

Maximum coverage: 384 sq ft

Kit includes:

(50) ft of 1/4" tubing, (1) 30 psi pressure regulating hub, (6) staked risers, (6) rectangular pattern micro sprays

MSDMSP-KIT



Drip Irrigation Spot Watering Kit

Create a highly efficient drip watering system, easily attached to your hose

Up to 65% water savings compared to manual sprinklers

Covers 15 to 25 plants

Kit includes:

(50) ft of 1/4" tubing, (1) 30 psi pressure regulating hub, (12) watering devices with stakes — (4) 1.0 GPH emitters, (4) 2.0 GPH emitters, (2) Half pattern bubblers, (2) Full pattern bubblers

SWDMSP-KIT



| Item ID | Model | Description | Product Dimensions (W x H x D) inches | UPC | Per Pack | Per Case |
|--|------------------|-------------------------------------|--|--------------|----------|----------|
| HOSE-END TIMER | | | | | | |
|  C10000 | 1ZEHTMR | Timer | 6.5 x 5.5 x 3 | 077985024406 | 1 | 5 |
| HOSE-END SPRINKLERS | | | | | | |
|  C06220 | LG3HE | In-Ground Impact | 5.39 x 9.92 x 5.35 | 077985074081 | 1 | 8 |
|  C06010 | 25PJLSP | Brass Impact | 6.5 x 13.63 x 2.56 | 077985013707 | 1 | 5 |
|  C06110 | P5LSP | Plastic Impact | 6.5 x 14.13 x 2.56 | 077985013714 | 1 | 5 |
|  C06210 | 32SASP | Rotor | 2.38 x 15 x 2.38 | 077985013721 | 1 | 12 |
| HOSE-END WATERING KITS | | | | | | |
|  S11001 | 32ETI | Easy To Install Automatic System | 19.56 x 19.63 x 6.31 (Package) | 077985037864 | 1 | 2 |
|  C06230 | 32HE | Easy To Install Automatic System | 19.56 x 19.63 x 6.31 (Package) | 077985082093 | 1 | 2 |
|  C06311 | MSDMSPKIT | Micro Spray Flower Bed Watering Kit | 9.25 x 10.75 x 2.31 (Package) | 077985015329 | 1 | 5 |
|  C06310 | SMDMSPKIT | Drip Irrigation Spot Watering Kit | 9.25 x 10.75 x 2.31 (Package) | 077985015312 | 1 | 5 |
| PREMIUM RUBBER GARDEN HOSE | | | | | | |
|  C06226 | PGH50 | 5/8" Garden Hose, 50 ft | 9.75 x 9.75 x 5.5 | 077985078201 | 1 | 4 |
|  C06227 | PGH75HF | 3/4" Garden Hose, 75 ft | 13.3 x 11 x 6.5 | 077985079611 | 1 | 1 |



Sprinkler Design Service

For Homeowner/Residential Systems

Introduction

Pop-Up Sprays
& Nozzles

Rotors

Impact Sprinklers

Timers

Valves

Accessories

Drip Irrigation

Hose End Products

Design Service





To use the service, download the Design Request Worksheet

The form will help you organize and record the information needed by the designers. You will be asked to indicate your water pressure, water meter size, and service line size. And you can use the graph paper in the form to prepare a sketch of your property.

Download Worksheet:

<https://www.rainbird.com/homeowners/free-sprinkler-design-services>

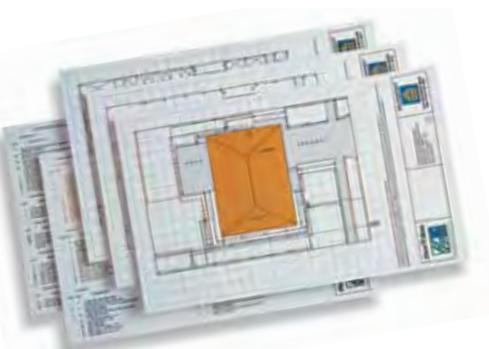
US AND CANADA SPRINKLER DESIGN SERVICE

» Homeowner/Residential Systems Only

Overview

Providing professional advice and planning assistance direct from the industry's leading manufacturer, this comprehensive service includes:

- 1) Complete set of sprinkler system plans and drawings for your property
- 2) Itemized shopping list of everything needed to complete the project
- 3) Continuing technical support hot line 1-800-RAINBIRD



Comprehensive Plan Options

OPTION 1: Email Service

Receive your system design by email.

Free. Approximately 10 business days.

OPTION 2: Standard Service

Receive a printed system design plan and installation guide by mail.

Additional fee. Approximates 5–7 business days.

OPTION 3: Rapid Response Service

Expedited service.

Receive a printed system design, installation guide and DVD by express delivery.

Additional fee. Approximately 2 business days.

The Intelligent Use of Water™

LEADERSHIP • EDUCATION • PARTNERSHIPS • PRODUCTS

At Rain Bird, we believe it is our responsibility to develop products and technologies that use water efficiently. Our commitment also extends to education, training and services for our industry and our communities.

The need to conserve water has never been greater. We want to do even more, and with your help, we can. Visit www.rainbird.com for more information about The Intelligent Use of Water.™



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www.rainbird.com