



DIY Product Catalog 2018



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Saving Water Through **Innovation**

Saving water doesn't mean you have to let your lawn turn brown. With Toro® WaterSmart® products, homeowners can reduce outdoor water usage by 30% or more just by implementing a simple and cost-effective upgrade to their irrigation system... all without sacrificing the beauty of a lush, green yard!



Look for the WaterSmart logo and start saving today!



2014 GOLD MEDAL WINNER
HOME IMPROVEMENT EXECUTIVE
INNOVATION AWARD

**H₂FLO™
NOZZLES**



**MULTI-STREAM
NOZZLES**



**570 MPR+ NOZZLES WITH
PRESSURE COMPENSATION**



**PRECISION™ SOIL
MOISTURE SENSOR**



**RAINSENSOR™
RAIN/FREEZE SENSOR**



**BLUE STRIPE®
DRIP PRODUCTS**

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570Z Pro Series Fixed Spray Sprinklers

Features

- For small lawn/shrub areas
- Matched precipitation rate (MPR) nozzles allow mixing 5'–15' radius, special pattern nozzles without over-/under watering and are color-coded by radius
- Available in 2", 3", 4", 6" and 12" pop-ups
- Ratcheting riser for fine-tuning alignment after installation
- Heavy-duty stainless-steel retraction spring improves pop-down and resists corrosion
- ½" Female National Pipe Thread (NPT) inlet
- Flush plugs are included on body only sprinklers and keeps debris out when flushing sprinkler lines
- Variable arc nozzle adjusts from 0° to 360° with a 15' radius and is available pre-installed on the 3" and 4" pop-up
- Zero flush: No water loss at system start-up
- Superior spring and seal prevents water waste and ensures proper retraction

570Z Pro Series Fixed Spray Sprinkler with X-Flow® Water Saver® Feature

Features

- Patented X-Flow® water shut off device built into the sprinkler
- Restricts water loss if the nozzle is removed or damaged
- Works with any Toro 570 nozzle and screen
- 4": Ideal for grass and ground cover
- 6": Ideal for tall grass and planter areas

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
570Z Pro Series Fixed Spray Sprinklers					
53815	3" Pop-Up Fixed Spray w/Nozzle 90 Degree - 15'	15	53815-0	6.5 x 7 x 11.4	2.7 lb
53816	3" Pop-Up Fixed Spray w/Nozzle 180 Degree - 15'	15	53816-7	6.5 x 7 x 11.4	2.7 lb
53817	3" Pop-Up Fixed Spray w/Nozzle 360 Degree - 15'	15	53817-4	6.5 x 7 x 11.4	2.7 lb
53818	3" Pop-Up Fixed Spray w/VAN Nozzle 0-360 - 15'	15	53818-1	6.5 x 7 x 11.4	2.7 lb
53711	4" Pop-Up Fixed Spray w/Nozzle 90 Degree - 15'	15	53711-5	6.5 x 7 x 11.4	3.4 lb
53813	4" Pop-Up Fixed Spray w/Nozzle 180 Degree - 15'	15	53813-6	6.5 x 7 x 11.4	3.4 lb
53712	4" Pop-Up Fixed Spray w/Nozzle 360 Degree - 15'	15	53712-2	6.5 x 7 x 11.4	3.4 lb
53814	4" Pop-Up Fixed Spray w/VAN Nozzle 0-360 - 15'	15	53814-3	6.5 x 7 x 11.4	3.4 lb
570Z Pro Series Sprinklers (Body Only) with Flush Plugs					
53819	570 2" Pop-up Body Only	15	53819-8	6.5 x 7 x 11.4	2.6 lb
53820	570 3" Pop-up Body Only	15	53820-4	6.5 x 7 x 11.4	2.6 lb
53821	570 4" Pop-up Body Only	15	53821-1	6.5 x 7 x 11.4	3.3 lb
53822	570 6" Pop-up Body Only (Side Inlet)	12	53822-8	5.5 x 6.5 x 15.6	3.4 lb
53710	570 12" Pop-up Body Only (Side Inlet)	12	53710-8	6.3 x 8.8 x 17.5	8.0 lb
53742	570 4" Pop-Up w/X-Flow	24	53742-9	5.5 x 6.5 x 15.6	5.5 lb
53743	570 6" Pop-Up w/X-Flow	12	53743-6	5.5 x 6.5 x 15.6	3.4 lb



570 MPR+ Nozzles

Features

- Pre-installed pressure-compensating device (PCD) conserves water by eliminating fogging and misting
- Matched precipitation rate (MPR) allows mixing of different radius and pattern nozzles without over-/under-watering
- For small lawn/shrub areas — 5' to 15' spacing
- Use with any 570 sprinkler body or shrub body
- Color coded by radius:

RADIUS	COLOR
5'	RED
8'	GREEN
10'	BLUE
12'	BROWN
15'	BLACK
17'	GRAY
Side Strip, End Strip or Center Strip	ORANGE



570 MPR+ Fixed Spray Nozzle
53856-53867
53870-53873
53888-53890



570 VAN Nozzle
53730
53734-53736
53744

570 Variable Arc Nozzles (VAN)

Features

- Radius adjusts from 0° to 360°
- Matched precipitation within a radius family

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53865	570 MPR+ Nozzle 90 Degree - 15'	20	53865-5	8.0 x 4.3 x 5.0	.6 lb
53866	570 MPR+ Nozzle 180 Degree - 15'	20	53866-2	8.0 x 4.3 x 5.0	.6 lb
53867	570 MPR+ Nozzle 360 Degree - 15'	20	53867-9	8.0 x 4.3 x 5.0	.6 lb
53862	570 MPR+ Nozzle 90 Degree - 12'	20	53862-4	8.0 x 4.3 x 5.0	.6 lb
53863	570 MPR+ Nozzle 180 Degree - 12'	20	53863-1	8.0 x 4.3 x 5.0	.6 lb
53864	570 MPR+ Nozzle 360 Degree - 12'	20	53864-8	8.0 x 4.3 x 5.0	.6 lb
53888	570 MPR+ Nozzle 90 Degree - 10'	20	53888-4	8.0 x 4.3 x 5.0	.6 lb
53889	570 MPR+ Nozzle 180 Degree - 10'	20	53889-1	8.0 x 4.3 x 5.0	.6 lb
53890	570 MPR+ Nozzle 360 Degree - 10'	20	53890-7	8.0 x 4.3 x 5.0	.6 lb
53859	570 MPR+ Nozzle 90 Degree - 8'	20	53859-4	8.0 x 4.3 x 5.0	.6 lb
53860	570 MPR+ Nozzle 180 Degree - 8'	20	53860-0	8.0 x 4.3 x 5.0	.6 lb
53861	570 MPR+ Nozzle 360 Degree - 8'	20	53861-7	8.0 x 4.3 x 5.0	.6 lb
53856	570 MPR+ Nozzle 90 Degree - 5'	20	53856-3	8.0 x 4.3 x 5.0	.6 lb
53857	570 MPR+ Nozzle 180 Degree - 5'	20	53857-0	8.0 x 4.3 x 5.0	.6 lb
53858	570 MPR+ Nozzle 360 Degree - 5'	20	53858-7	8.0 x 4.3 x 5.0	.6 lb
53870	570 MPR+ Nozzle Side Strip 9' x 18'	20	53870-9	8.0 x 4.3 x 5.0	.6 lb
53871	570 MPR+ Nozzle Center Strip 4' x 30'	20	53871-6	8.0 x 4.3 x 5.0	.6 lb
53872	570 MPR+ Nozzle End Strip 4' x 15'	20	53872-3	8.0 x 4.3 x 5.0	.6 lb
53873	570 MPR+ Nozzle Side Strip 4' x 30'	20	53873-0	8.0 x 4.3 x 5.0	.6 lb
53744	570 Nozzle Adjustable 0-360, 17' (2 pk)	10	53744-3	8.0 x 4.3 x 5.0	.7 lb
53730	570 Nozzle Adjustable 0-360, 15' (2 pk)	10	53730-6	8.0 x 4.3 x 5.0	.7 lb
53734	570 Nozzle Adjustable 0-360, 12' (2 pk)	10	53734-4	8.0 x 4.3 x 5.0	.7 lb
53735	570 Nozzle Adjustable 0-360, 10' (2 pk)	10	53735-1	8.0 x 4.3 x 5.0	.7 lb
53736	570 Nozzle Adjustable 0-360, 8' (2 pk)	10	53736-8	8.0 x 4.3 x 5.0	.7 lb



570 Shrub Spray Sprinklers

Mount these shrub spray sprinklers on 1/2" National Pipe Thread (NPT) risers with any 570Z fixed spray nozzle to effectively irrigate small shrubs and planters without water waste.

Features

- Accepts all Toro 570Z MPR+ or VAN nozzles
- Ideal for small shrub or planter areas – 15' spacing
- 1/2" Female National Pipe Thread (NPT) inlet



570 Shrub Spray (Body Only)
53299



570 Shrub Spray
53113-53115
53122-53124



570 Shrub Spray with Variable Arc Nozzle
53731



Flood Bubbler
53692

Flood Bubbler

Features

- Full circle pattern for slow, deep watering around trees, shrubs, vegetable and flower gardens
- Fully adjustable from off to 2 GPM and 0' to 2' radius
- Removable filter screen

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53113	Shrub Spray w/Nozzle 90 Degree - 15'	50	53113-7	8.0 x 6.0 x 5.0	1.9 lb
53114	Shrub Spray w/Nozzle 180 Degree - 15'	50	53114-4	8.0 x 6.0 x 5.0	1.9 lb
53115	Shrub Spray w/Nozzle 360 Degree - 15'	50	53115-1	8.0 x 6.0 x 5.0	1.9 lb
53122	Shrub Spray w/Nozzle Center Strip 4' x 30'	50	53122-9	8.0 x 6.0 x 5.0	1.7 lb
53123	Shrub Spray w/Nozzle End Strip 4' x 15'	50	53123-6	8.0 x 6.0 x 5.0	1.7 lb
53124	Shrub Spray w/Nozzle Side Strip 4' x 30'	50	53124-3	8.0 x 6.0 x 5.0	1.7 lb
53731	Shrub Spray w/Adjustable Nozzle 0-360, 15'	25	53731-3	8.0 x 4.3 x 5.0	1.1 lb
53299	Shrub Spray Body Only	50	53299-8	8.0 x 6.0 x 5.0	1.2 lb
53692	Flood Bubbler, Fully Adjustable, Full Circle 0-2 GPM	50	53692-7	8.0 x 6.0 x 5.0	3.3 lb





H₂FLO™ Nozzle

Features

- Ideal upgrade for existing systems to WaterSmart® irrigation technology
- Male thread fits any Toro® fixed spray pop-up body
- Female thread fits Rain Bird®, Hunter® or Orbit® spray head bodies*
- Available in quarter, half and full pattern, male or female thread

H₂FLO™ Precision™ Spray Series

Features

- **Fixed spray breakthrough — patented H₂O chip technology creates high frequency oscillating streams to achieve coverage using up to 35% less water**
- 42% less water flow when compared to standard spray nozzles
- Industry first — 1" per hour precipitation rate best matches with soil absorption rate to reduce run off and maximize irrigation efficiency
- **Industry First — adjustable spray distance (radius) from 8' to 15'**
- Ideal for small lawn or shrub areas

H₂FLO™ Sprinkler

Features

- 4" pop-up Height
- 1/2" female national pipe thread (NPT) inlet
- Available in quarter, half and full pattern



H₂FLO™ Precision™ Spray Sprinkler, 4" Pop-Up with Nozzle
53892
53893
53894



H₂FLO™ Precision™ Spray Nozzle, Female
53895
53896
53897

H₂FLO™ Precision™ Spray Nozzle, Male
53926
53927
53928

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53892	H ₂ FLO™ Precision™ Spray Sprinkler, 4" Pop-Up with Nozzle, 8' to 15' Quarter	15	53892-1	6.5 x 7.0 x 10.0	3.7 lb
53893	H ₂ FLO™ Precision™ Spray Sprinkler, 4" Pop-Up with Nozzle, 8' to 15' Half	15	53893-8	6.5 x 7.0 x 10.0	3.7 lb
53894	H ₂ FLO™ Precision™ Spray Sprinkler, 4" Pop-Up with Nozzle, 8' to 15' Full	15	53894-5	6.5 x 7.0 x 10.0	3.7 lb
53895	H ₂ FLO™ Precision™ Spray Nozzle (Female), 8' to 15' Quarter	10	53895-2	5.7 x 3.6 x 11.8	1.5 lb
53896	H ₂ FLO™ Precision™ Spray Nozzle (Female), 8' to 15' Half	10	53896-9	5.7 x 3.6 x 11.8	1.5 lb
53897	H ₂ FLO™ Precision™ Spray Nozzle (Female), 8' to 15' Full	10	53897-6	5.7 x 3.6 x 11.8	1.5 lb
53926	H ₂ FLO™ Precision™ Spray Nozzle (Male), 8' to 15' Quarter	10	53926-3	5.7 x 3.6 x 11.8	1.5 lb
53927	H ₂ FLO™ Precision™ Spray Nozzle (Male), 8' to 15' Half	10	53927-0	5.7 x 3.6 x 11.8	1.5 lb
53928	H ₂ FLO™ Precision™ Spray Nozzle (Male), 8' to 15' Full	10	53928-7	5.7 x 3.6 x 11.8	1.5 lb

*Hunter®, Orbit®, and Rain Bird® are trademarks of their respective companies.



Multi-Stream Nozzles

Features

- Male thread fits any Toro fixed spray pop-up body
- Female thread fits Rain Bird®, Hunter® or Orbit® spray head bodies*
- Available in full circle or adjustable 45° to 270° pattern
- Adjustable pattern nozzle includes pattern and radius adjustment tool

Multi-Stream Lawn Sprinkler

Features

- Perfect for small lawn areas and slopes
- Matched Precipitation Rate (MPR) nozzle ensures uniform water distribution across all patterns and radius adjustments
- Gear-driven, rotating streams deliver water slowly and evenly for greater efficiency and water savings
- Available with adjustable nozzle 45° to 270° or 360° pattern – 14' to 26' spacing
- 4" pop-up height (½" inlet) with nozzle pre-installed
- Available in full circle or adjustable 45° to 270° pattern
- Adjustable model includes pattern and radius adjustment tool



Multi-Stream Lawn Sprinkler (Adjustable)
53877

Multi-Stream Lawn Sprinkler (Full)
53878



Multi-Stream Nozzle, Female (Full)
53898

Multi-Stream Nozzle, Female (Adjustable)
Includes Adjustment Tool
53899

Multi-Stream Nozzle, Male (Full)
53900

Multi-Stream Nozzle, Male (Adjustable)
Includes Adjustment Tool
53925



Adjustment Tool

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53877	Small Area MultiStream, Adjustable	6	53877-8	6.5 x 4.0 x 8.0	1.6 lb
53878	Small Area MultiStream, Full	6	53878-5	6.5 x 4.0 x 8.0	1.5 lb
53898	MultiStream Nozzle Female – Full	10	53898-3	5.7 x 3.6 x 11.8	1.7 lb
53899	MultiStream Nozzle, Female – Adjustable	10	53899-0	5.7 x 3.6 x 11.8	1.7 lb
53900	MultiStream Nozzle, Male – Full https://www.facebook.com/#	10	53900-3	5.7 x 3.6 x 11.8	1.7 lb
53925	MultiStream Nozzle, Male - Adjustable	10	53925-6	5.7 x 3.6 x 11.8	1.7 lb

*Hunter®, Orbit®, Rain Bird® and K-Rain® are trademarks of their respective companies.



Mini-8 1/2" Rotor

Features

- For small-to-medium lawns—20' to 35' spacing
- 40° to 360° adjustable pattern—full- and part-circle in one sprinkler
- Top arc indicator ensures easy adjustments
- 1.5 GPM nozzle factory-installed and set to 180° pattern
- 3 3/4" pop-up height
- 1/2" female-threaded inlet

Mini-8 Nozzle Tree/Adjustment Tool

Features

- For use with Mini-8 Rotor
- Comes with 4 interchangeable nozzles to cover varying flow and distance requirements
- Includes an adjustment tool to easily pull-up the riser, remove the nozzle, reduce the spray distance and adjust the pattern
- Adjustment tool can be used with other Toro rotors



Arc setting is visible from the top of the sprinkler

Mini-8 Rotor
53824



Mini-8 Nozzle Tree/Adjustment Tool
53924

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53824	Mini-8 Rotor	12	53824-2	6.0 x 7.1 x 9.6	3.7 lb
53924	Mini-8 Nozzle Tree/Adjustment Tool	12	53924-9	5.5 x 4 x 6	1.0 lb



ProStream XL™ Lawn Sprinkler

Features

- For medium-to-large lawns — 25' to 46' spacing
- Three flow rate nozzles included for better watering efficiency
- 40° to 360° adjustable pattern — full- and part-circle in one sprinkler
- 3.0 GPM nozzle factory-installed and set to 180° pattern
- 5" pop-up height
- 3/4" female-threaded inlet
- Replaces impact or gear-driven rotors — including Hunter®, Orbit®, Rain Bird® and K-Rain®*
- Rubber cover for safety
- Quiet, smooth gear-driven rotation

ProStream XL™/T5 Nozzle Tree

Features

- For use with ProStream XL and T5 lawn sprinklers
- Comes with 8 standard nozzles and 4 low angle nozzles
- Standard nozzles: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, and 8.0 GPM
- Low angle nozzles: 1.0, 1.5, 2.0, and 3.0 GPM



ProStream XL™
Lawn Sprinkler
53823



ProStream XL™/
T5 Nozzle Tree
53923

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53823	ProStream XL™, 5" Pop-up	12	53823-5	8 x 9 x 12	6.6 lb
53923	ProStream XL™/T5 Nozzle Tree	12	53923-2	5 x 4.5 x 8	.5 lb

*Hunter®, Orbit®, Rain Bird® and K-Rain® are trademarks of their respective companies.



T5 RapidSet® Rotor

Features

- All the same features of the standard T5 rotor, with the added patented RapidSet® technology for easy, tool-free adjustments!
- RapidSet technology safeguards against gear damage from vandalism and abuse
- Includes a full set of 8 standard nozzles and 4 low angle nozzles that use a patent-pending Airfoil™ technology which creates a zone of low pressure just below the main stream to gently guide water downward for unmatched uniformity, without forcefully washing out seeds
- Pre-installed with 3.0 GPM nozzle
- ¾" female-threaded inlet
- Heavy-duty rubber cover minimizes injuries and reduces liability

T5 Rotor 4-Pack

Features

- Ideal for medium-to-large lawns—25' to 50' spacing
- Full 5" pop-up, an extra inch of pop-up height over competitive rotors
- Easily replaces existing rotors without any extra digging
- Pre-installed with 3.0 GPM nozzle
- ¾" female-threaded inlet
- Heavy-duty rubber cover minimizes injuries and reduces liability



T5 RapidSet® Rotor
53825



T5 Rotor
(4-Pack)
53826

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53825	T5 RapidSet® Rotor	12	53825-5	7.8 x 9.8 x 14.4	7.6 lb
53826	T5 Rotor (4-Pack)	4	53826-2	7.8 x 11.0 x 10.0	9.6 lb

*Hunter®, Orbit®, Rain Bird® and K-Rain® are trademarks of their respective companies.



Universal Impact Sprinkler-40

Features

- Replaces Rain Bird® LG-3 and MG-4 sprinklers*
- Spacing from 25' to 40'
- Low gallon, low flow at a rate of 2.2 GPM at 40 PSI
- Full circle or arc adjustable from 20° to 340°
- 3" pop-up clears tall grass
- Heavy-duty, high-impact case with sturdy, reinforced ribbed design
- Pressure-activated wiper seal assures reliable pop-up and pop-down
- Radius reduction screw breaks water into smaller droplets for uniform watering
- Grit-proof bearing for reliable operation
- Weighted spray guide arm controls stream and prevents side splash onto buildings and walkways
- Pop-up mechanism retracts into lawn when not in operation
- Dimensions: 4 1/8" diameter, 8 5/8" tall
- 1/2" NPT female connection at side or bottom



Universal Impact Sprinkler-40
53720

Universal Impact Sprinkler-45

Features

- Replaces Rain Bird® AG-5 and Orbit® sprinklers*
- Spacing from 25' to 45'
- Five interchangeable, color-coded matched precipitation rate nozzles from 1.5 to 7.5 GPM
- No tools needed to change nozzles
- Full circle or arc adjustable from 20° to 340°
- 3" pop-up clears tall grass
- Heavy-duty, high-impact case with sturdy, reinforced ribbed design
- Pressure-activated wiper seal assures reliable pop-up and pop-down
- Radius reduction screw breaks water into smaller droplets for uniform watering
- Unique lip case design aids in setting proper installation Height, prevents grass and weeds from growing into head and minimizes backwash
- Weighted spray guide arm controls stream and prevents side splash onto buildings and walkways
- Dimensions: 5" diameter, 9 3/10" tall
- Combination 1/2" or 3/4" NPT female connection at bottom and 1/2" NPT side connection for more flexibility



Universal Impact Sprinkler-45
53721

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53720	Universal Impact Sprinkler - 40	6	53720-7	9.0 x 14.5 x 9.8	6.3 lb
53721	Universal Impact Sprinkler - 45	6	53721-4	9.8 x 17.3 x 11.3	7.2 lb





Lawn Master® II Landscape Timer

Features

- 3 independent watering programs and up to 3 start times per program, perfect for traditional and drip irrigation
- Pump start relay and rain sensor ports for easy connection with no wire splicing
- 365 day calendar — water on specific days of the week, odd or even days, with day exclusion to meet water restrictions
- Seasonal Adjust — adjust run times as weather or seasons change
- Three modes of operation — Automatic, Manual Station, and Manual Program
- Battery back-up stores programming (9 volt battery required)
- A.M./P.M. clock sets length of watering from 1 minute to 6 hours
- Indoor use only, available in 4- and 6-station



Lawn Master® II Landscape Timer
53805, 53806

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53805	Lawn Master II Timer - 4 Zone, Indoor	5	53805-1	10.8 x 6.0 x 15.5	11.0 lb
53806	Lawn Master II Timer - 6 Zone, Indoor	5	53806-8	10.8 x 6.0 x 15.5	11.0 lb

*Hunter® and Rain Bird® are trademarks of their respective companies.



DDC Series Digital Dial Controller

Features

- Exclusive, patented "Digital Dial" technology makes scheduling fast and easy
- 3 independent start times per program easily identified within the digital dial interface
- Seasonal adjust by month saves water in cooler months
- Large LCD display shows watering program in operation
- 1 to 240 minute run times with delay between stations
- Multiple watering day options (calendar, interval, odd/even days)
- Manual programs feature to manually start programs
- "Arm chair" programming with 9-volt battery power source
- Compatible with rain and soil sensor technology
- For use indoor or outdoor, available in 8-station only

**FOR USE
INDOOR OR
OUTDOOR**



DDC Digital Dial Controller
53808

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53808	DDC Digital Dial Controller	2	53808-2	11.5 x 8.0 x 8.75	7.0 lb



1" In-Line Jar-Top Valve with Flow Control

Features

- Popular threaded bonnet "jar-top" system for fast and easy servicing
- Flow control allows for precise adjustment after installation
- Manual internal/external bleed
- Full stainless steel metering system
- Rugged, double-beaded Santoprene® diaphragm provides leak-proof seal
- Encapsulated solenoid
- Available in 1" female-thread, slip, or 1" male NPT x barb connections

1" In-Line Jar-Top Valve

Features

- Popular threaded bonnet "jar-top" system for fast and easy servicing
- Manual internal/external bleed
- Full stainless steel metering system
- Rugged, double-beaded Santoprene® diaphragm provides leak-proof seal
- Encapsulated solenoid
- Available in 1" female-thread



1" In-Line Jar-Top Valve with Flow Control (Threaded)
53709

1" In-Line Jar-Top Valve (Threaded)
53708

1" In-Line Jar-Top Valve with Flow Control (Male NPT x Barb)
53799

3/4" and 1" Anti-Siphon Jar-Top Valves with Flow Control

Features

- Popular threaded bonnet "jar-top" system for fast and easy servicing
- Flow control allows for precise adjustment after installation
- Manual internal/external bleed
- Full stainless steel metering system
- Rugged, double-beaded Santoprene® diaphragm provides leak-proof seal
- Encapsulated solenoid
- Combination jar-top valve and atmospheric backflow preventer
- Available in 3/4" or 1" female-threaded connection



1" In-Line Jar-Top Valve with Flow Control (Slip)
53707



Anti-Siphon Jar-Top Valve with Flow Control (Threaded)
53763
53764

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53707	1" In-Line Jar-Top Valve w/Flow Control (Slip)	5	53707-8	6.3 x 4.3 x 16.1	5.7 lb
53708	1" In-Line Jar-Top Valve (Threaded)	5	53708-5	6.3 x 4.3 x 16.1	5.7 lb
53709	1" In-Line Jar-Top Valve w/Flow Control (Threaded)	5	53709-2	6.3 x 4.3 x 16.1	5.7 lb
53799	1" In-Line Jar-Top Valve w/Flow Control (Male NPT x Barb)	5	53799-3	7.3 x 7.5 x 17.6	6.6 lb
53763	3/4" Anti-Siphon Jar-Top Valve w/Flow Control (Threaded)	5	53763-4	7.3 x 7.5 x 17.6	6.6 lb
53764	1" Anti-Siphon Jar-Top Valve w/Flow Control (Threaded)	5	53764-1	7.3 x 7.5 x 17.6	7.9 lb



3/4" In-Line Valve

Features

- Operates at 0.5 GPM — ideal for drip irrigation
- Manual bleed screw to manually activate at valve box
- Stainless-steel diaphragm spring — valve closes reliably
- 18" lead wires — easy access installation
- 3/4" male NPT inlet and outlet



3/4" In-Line Valve
53380

1" Pressure Vacuum Breaker (PVB)

Features

- Built-in unions
- Easy to winterize – twist-off cap
- Reliable design
- 1" female NPT inlet and outlet



1" Pressure Vacuum Breaker
53300

Drain Valve

Features

- Drains water from pipes to prevent freezing
- Automatically opens when water is turned off, closes when water is turned on



Drain Valve
53740

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53380	3/4" In-Line Valve (Male Thread)	10	53380-3	4.1 x 9.1 x 11.1	5.2 lb
53300	1" Pressure Vacuum Breaker (PVB)	1	53300-1	5.1 x 8.3 x 8.1	2.0 lb
53740	Drain Valve	100	53740-5	8.7 x 6.6 x 11.1	2.0 lb



Valve Replacement Parts



Jar-Top Valve Solenoid
53803



Jar-Top Valve Diaphragm
53804

Toro Replacement Parts	Toro Valve Model					
	53707	53708	53709	53763	53764	53799
Solenoid 53803	•	•	•	•	•	•
Diaphragm 53804	•	•	•	•	•	•

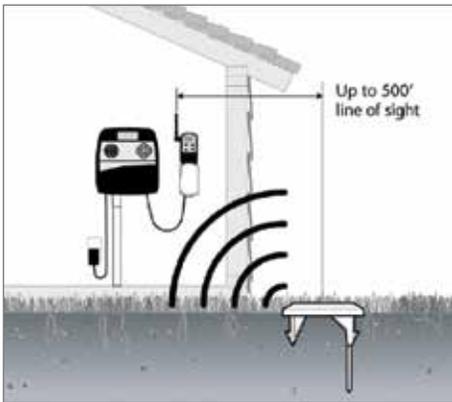
Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53803	Toro Jar-Top Valve Solenoid	5	53803-7	6.0 x 2.8 x 8.6	1.4 lb
53804	Toro Jar-Top Valve Diaphragm	5	53804-4	8.4 x 5.9 x 10.6	1.0 lb



XTRA SMART® Precision™ Soil Moisture Sensor

Features

- Monitors soil moisture levels and suspends watering when levels are sufficient for plant health or if freezing temperatures occur
- Turns most timers into a "smart" timer and satisfies municipal requirements in many areas
- Saves up to 35% in annual water usage
- Works with most irrigation timers including Rain Bird®, Hunter® or Orbit®*
- Easy to install – no digging or tools required
- Wireless – up to 500' line-of-sight range
- Bypass mode switches active sensor off for manual operation
- Large LCD displays sensor readings
- For use with indoor or outdoor timers
- Low-profile design sits flush with soil – does not require removal for mowing



XTRA SMART® Precision™ Soil Moisture Sensor
53812

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53812	XTRA Smart® Precision™ Soil Moisture Sensor	2	53812-9	11.0 x 6.5 x 9.0	0.7 lb



Rain Sensors

Features

- Compatible with most timers
- Sensor uses industry standard hygroscopic discs to sense rain
- Easily adjust the rain sensitivity from 1/8" to 1"
- "Quick-Clip™" gutter bracket for easy one-piece, tool-free mounting
- Operating temperature from -20°F to 140°F
- Saves water and money
- Water conservation device that meets legislative standards in states/municipalities with mandates

Wired RainSensor™

Features

- Requires wiring between the sensor and the controller
- 25 feet of UL rated connection wire included

Wired Rain/Freeze Sensor

Features

- Same features as the wired version with the addition of a freeze detection function



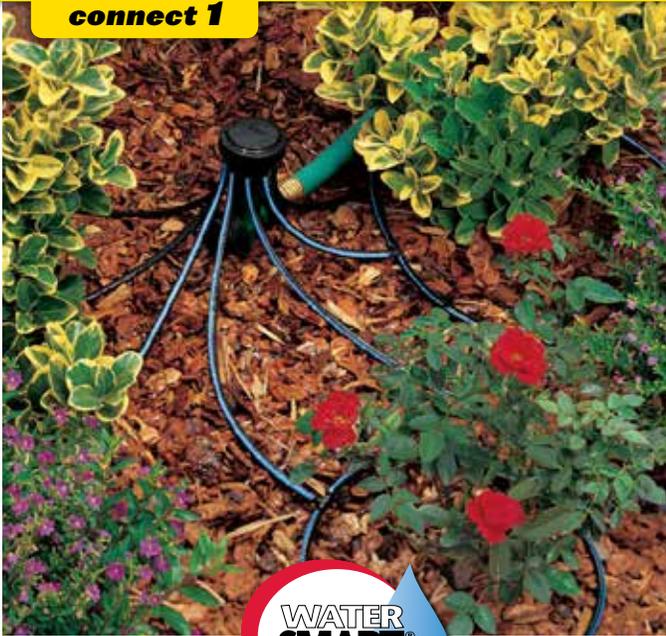
Wired Rain/Freeze Sensor
53853



Wired RainSensor™
53769

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53769	Wired RainSensor	5	53769-6	9.5 x 8.5 x 18.0	9.5 lb
53853	Wired Rain/Freeze Sensor	5	53853-2	9.5 x 8.5 x 18.0	9.5 lb

connect 1



Blue Stripe® Drip 9-Outlet Distribution Manifold
53755

1/2" Hose Adapter

Features

- 1/2" tubing fitting x 3/4" female swivel
- Connects Toro Blue Stripe® Drip 1/2" Tubing to 3/4" outdoor water source
- Easy-to-use Loc-Eze® fitting for easy removal and reuse



Blue Stripe® Drip 1/2" Hose Swivel Adapter
53701

1/2" Rise-Adapter x Tee

Features

- Connects Toro Blue Stripe® Drip 1/2" Tubing to a 3/4" or 1/2" (use bushing) NPT riser
- Positive no-leak fit
- Easy-to-use Loc-Eze® fitting for easy removal and reuse



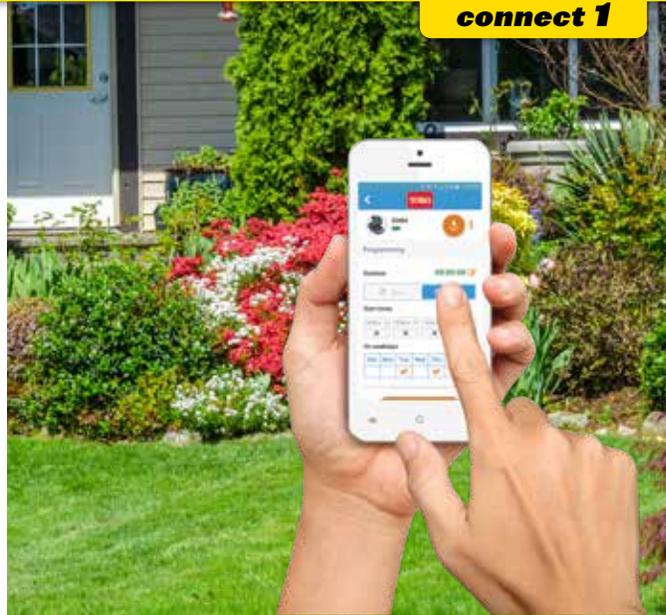
Blue Stripe® Drip 1/2" Riser-Adapter x Tee
53747

9-Outlet Distribution Manifold

Features

- A 9-outlet distribution manifold which accepts Toro Blue Stripe® Drip 1/4" Tubing
- Perfect for watering shrubs or trees
- 9 shut-off caps
- Includes filter and 25 PSI pressure regulator
- Contains a 1/2" NPT inlet

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53701	Blue Stripe® Drip 1/2" Hose Swivel Adapter (2 per bag)	20	53701-6	8.0 x 5.0 x 10.0	3.5 lb
53747	Blue Stripe® Drip 1/2" Riser-Adapter x Tee (2 per bag)	10	53747-4	8.0 x 5.0 x 10.0	3.3 lb
53755	Blue Stripe® Drip 9-Outlet Distribution Manifold	10	53755-9	8.0 x 5.0 x 10.0	3.5 lb



Low-Pressure Tap Timer

Features

- Durable and consistent watering
- 11 preset watering cycles (intervals)
- Watering duration from 1- to- 120 minutes
- Low battery indicator
- Flow rate from 5 to 10.5 GPM
- Recommended operating pressure range from 10-50 PSI
- Max. inlet pressure: 125 PSI
- Min. inlet pressure: 5 PSI



Low-Pressure Tap Timer
53453

Bluetooth® Hose-End Timer



Features

- Bluetooth technology so you can manually operate the controller from your smart phone or tablet
- Easy to install and ideal for watering lawns, gardens, shrub areas, pots, hanging plants, patio plants, and roof gardens
- Flow range from .18 to 5.3 GPM
- Working pressure range from 14-145 PSI
- Requires one (1) 9V alkaline battery (not included)
- Smartphone/tablet minimum requirements
 - Bluetooth 4.1
 - Android® 4.4
 - Apple® iOS 8



Bluetooth Hose-End Timer
53454

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53453	Low-Pressure Tap Timer	12	53453-4	9.5" x 14" x 21.5"	11.0 lb
53454	Bluetooth Hose-End Timer	6	53454-1	9" x 14.25" x 16"	6.0 lb



connect 1



Blue Stripe® Drip Irrigation Control Zone Valve Kits

Toro Drip Irrigation Zone Valve Kits are specially designed for low-volume drip applications. These simple, all-in-one kits are available in anti-siphon or in-line valve versions. Kits include an automatic control valve, mesh filter, pressure regulator and shut-off valve.

Features

- No need to purchase separate parts — everything needed is included in the kit!
- Minimizes installation time
- Available in anti-siphon with backflow prevention or in-line valve configurations

Kit Includes:

- Automatic control valve — anti-siphon
- Mesh filter — keeps drip emitters clean
- Pressure regulator — controls pressure to emitters
- Shutoff valve — allows the zone to be shut off for maintenance
- Installation instructions



Blue Stripe® Drip Irrigation Valve Kit, Anti-Siphon
53749

Water Source Installation Kit

Features

- Everything you need to connect Toro Blue Stripe® Drip 1/2" Tubing from a valve, riser or outdoor faucet

Kit Includes:

- 25 PSI pressure regulator (1)
- 125 mesh filter (1)
- Hose bibb vacuum breaker (1)
- Tubing swivel connector (1) (1/2" tubing fitting x 3/4" female swivel)
- 1/2" x 3/4" bushing (1)



Blue Stripe™ Drip Water Source Installation Kit
53756

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53749	Blue Stripe® Drip Irrigation Valve Kit, Anti-Siphon	1	53749-8	14.0 x 14.0 x 5.0	2.5 lb
53756	Blue Stripe® Drip Water Source Installation Kit	8	53756-6	8.25 x 5.75 x 18.0	4.0 lb





distribute 2

1/2" Tubing

Features

- Larger diameter tubing (.710 O.D. compared to .620 O.D.) means less friction loss to allow for more emitters on the same line
- Blue Stripe® identifier of quality — industry leader
- Linear low density polyethylene tubing is made from high-grade polyethylene resins
- Minimum 2% carbon black (ultraviolet inhibitor) added for resistance to sunlight deterioration
- Shrink-wrapped 50', 100' and 500' rolls
- 3 layer Matrix® technology provides superior strength and flexibility compared to traditional tubing

1/2" Tubing with Emitters

Features

- 1.0 GPH emitters factory-installed every 18"
- Perfect for ground cover, gardens and flower beds
- Professional quality, durable drip tubing
- Factory-installed emitters cut installation time... JUST DROP AND ROLL!
- Pressure-compensating emitters — efficient and precise... SAVES WATER!
- Minimum 2% carbon black (ultraviolet inhibitor) added for resistance to sunlight deterioration
- 3 layer Matrix® technology provides superior strength and flexibility compared to traditional tubing



Blue Stripe® Drip 1/2" Tubing, 50', 100', 500'

53719, 53605, 53616

Blue Stripe® Drip 1/2" Tubing with Emitters, 100'

53618

1/4" Tubing

Features

- Use for connecting 1/2" tubing to emitters and micro-sprinklers
- Blue Stripe® identifier of quality — industry leader
- Minimum 2% carbon black (ultraviolet inhibitor) added for resistance to sunlight deterioration

1/4" Tubing with Emitters

Features

- 0.5 GPH emitters factory-installed every 6"
- Perfect for containers, gardens and flower beds
- Factory-installed emitters cut installation time... JUST DROP AND ROLL!
- Minimum 2% carbon black (ultraviolet inhibitor) added for resistance to sunlight deterioration



Blue Stripe® Drip 1/4" Tubing, 100'

53639

Blue Stripe® Drip 1/4" Tubing with Emitters, 100'

53640

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53719	Blue Stripe® Drip 1/2" Tubing, 50' Roll (.710 O.D. x .620 I.D.)	1	53719-1	3.5 x 17.5 x 17.5	2.4 lb
53605	Blue Stripe® Drip 1/2" Tubing, 100' Roll (.710 O.D. x .620 I.D.)	1	53605-7	5.0 x 17.0 x 17.0	5.0 lb
53616	Blue Stripe® Drip 1/2" Tubing, 500' Roll (.710 O.D. x .620 I.D.)	1	53616-3	8.0 x 27.0 x 27.0	20.6 lb
53618	Blue Stripe® Drip 1/2" Tubing with Emitters, 100' Roll (1.0 GPH, 18" spacing, .710 O.D. x .620 I.D.)	1	53618-7	5.5 x 24.0 x 24.0	5.0 lb
53639	Blue Stripe® Drip 1/4" Tubing, 100' Roll (.250 O.D. x .170 I.D.)	10	53639-2	27.0 x 10.5 x 10.5	14.0 lb
53640	Blue Stripe® Drip 1/4" Tubing with Emitters, 100' Roll (0.5 GPH, 6" spacing, .250 O.D. x .170 I.D.)	10	53640-8	27.0 x 10.5 x 10.5	15.0 lb



distribute 2



1/2" Fittings

Features

- Loc-Eze® fittings for easy installation
- Positive no-leak fit
- Fittings grip tighter as tension increases
- Reusable and easy to remove



Blue Stripe® Drip 1/2" Coupling
53702



Blue Stripe® Drip 1/2" Elbow
53703



Blue Stripe® Drip 1/2" Tee
53704



Blue Stripe® Drip 1/2" End Clamp
53705



Blue Stripe® Drip 1/2" Tie-Down Stake
53620

Hole Punch

Features

- Use to punch holes in Blue Stripe® Drip 1/2" Tubing for installing emitters
- Easy to use



Blue Stripe® Drip Hole Punch
53679

Hole Plugs

Features

- Commonly called "goof" plugs
- Use if a hole is punched in the wrong spot or to relocate emitters



Blue Stripe® Drip Hole Plugs
53777

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53702	Blue Stripe® Drip 1/2" Coupling (4 per bag)	20	53702-3	8.0 x 4.3 x 10.25	3.1 lb
53703	Blue Stripe® Drip 1/2" Elbow (4 per bag)	15	53703-0	8.4 x 5.2 x 10.25	4.0 lb
53704	Blue Stripe® Drip 1/2" Tee (4 per bag)	10	53704-7	8.4 x 5.2 x 10.25	4.0 lb
53705	Blue Stripe® Drip 1/2" End Clamp (4 per bag)	15	53705-4	8.4 x 5.2 x 10.25	0.84 lb
53620	Blue Stripe® Drip 1/2" Tie-Down Stakes (10 per bag)	10	53620-0	8.0 x 6.5 x 15.0	1.0 lb
53679	Blue Stripe® Drip Hole Punch	20	53679-8	8.0 x 4.3 x 5.0	0.8 lb
53777	Blue Stripe® Drip Hole Plugs (12 per bag)	10	53777-1	8.0 x 4.3 x 5.0	0.3 lb



1/4" Fittings

Features

- Great for connecting lengths of 1/4" tubing or connecting to 1/2" tubing
- Easy to install
- Positive no-leak fit



**Blue Stripe® Drip
1/4" Coupling**
53634

**Blue Stripe® Drip
1/4" Elbow**
53635



**Blue Stripe® Drip
1/4" Tee**
53636

1/4" Stake

Features

- Easy to install
- Used to place and secure 1/4" tubing exactly where you want it
- Reusable and easy to remove



**Blue Stripe® Drip
1/4" Stake**
53637

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53634	Blue Stripe® Drip 1/4" Coupling (15 per bag)	10	53634-7	8.0 x 4.3 x 5.0	1.6 lb
53635	Blue Stripe® Drip 1/4" Elbow (15 per bag)	10	53635-4	8.0 x 4.3 x 5.0	1.6 lb
53636	Blue Stripe® Drip 1/4" Tee (15 per bag)	10	53636-1	8.0 x 4.3 x 5.0	1.6 lb
53637	Blue Stripe® Drip 1/4" Stake (10 per bag)	10	53637-8	8.0 x 4.3 x 5.0	2.5 lb



water 3

1.0 GPH Pressure Compensating Emitters

Features

- Perfect for watering individual plants
- 1.0 GPH — pressure compensating
- Built-in dust cap for protection from debris and insects



Blue Stripe® Drip 1.0 GPH Pressure Compensating Emitters
53621

Adjustable Flow Emitter

Features

- Simple finger-tip cap control for flow adjustment from a gentle stream to a drip action or shut off
- ¼" barb easily installs into ¼" tubing or ½" tubing
- Full circle (up to 3 feet diameter of throw), 0–13 GPH



Blue Stripe® Drip Adjustable Emitter
53681

Fogger

Features

- Produces a fine mist spray
- Great for irrigating containers or use as misters for cooling patios
- Installs directly into ½" tubing
- ¼" barb can be installed into ¼" tubing
- 3.0 GPH at 20 PSI
- Diameter of throw: 2-5 ft



Blue Stripe® Drip Fogger
53651

2.0 GPH Pressure Compensating Emitter

Features

- 2.0 GPH pressure-compensating emitter has a self-flushing mode that clears debris to prevent clogging; works well in any type of water condition
- In case of severe debris, emitter may be taken apart (cap screws off) and then system can be flushed
- Durable emitter is perfect for individual plants, shrubs and trees



Blue Stripe® Drip 2.0 GPH Pressure Compensating Emitters
53690



Adjustable Flow Stream Emitter with Stake

Features

- Adjustable 0–14 GPH flow rate
- 360° pattern emitter with anchor stake
- Ideal for small flower beds or container plants



Blue Stripe® Drip Adjustable Flow Stream Emitter with Stake
53800

Adjustable Flow Bubbler with Stakes

Features

- Adjustable 0–20 GPH flow rate and anchor stake
- Ideal for small trees and shrubs whose growth requires increasing flow rates



Blue Stripe® Drip Adjustable Flow Bubbler with Stake
53836

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53651	Blue Stripe® Drip Fogger, 3.0 GPH (10 per bag)	10	53651-4	8.0 x 4.3 x 5.0	1.5 lb
53621	Blue Stripe® Drip 1.0 GPH Pressure Compensating Emitter (6 per bag)	10	53621-7	8.0 x 4.3 x 5.0	.6 lb
53681	Blue Stripe® Drip Adjustable Emitter (5 per bag)	10	53681-1	8.0 x 4.3 x 5.0	.5 lb
53690	Blue Stripe® Drip 2.0 GPH Pressure Compensating Emitter (6 per bag)	10	53690-3	8.0 x 4.3 x 5.0	.5 lb
53800	Blue Stripe® Drip Adjustable Flow Stream Emitter with Stake (5 per bag)	10	53800-6	8.4 x 5.2 x 10.3	1.1 lb
53836	Blue Stripe® Drip Adjustable Flow Bubbler with Stake (5 per bag)	10	53836-5	8.4 x 5.2 x 10.3	1.1 lb

water 3

distribute 2

connect 1

1/2" Emitter Kit

Features

- Use with Toro Blue Stripe® Drip 1/2" Tubing (.710 O.D. x .620 I.D.)
- Contains a selection of frequently used drip emitters and accessories

Kit Includes:

- 0.5 GPH Pressure Compensating Emitters — Blue (10)
- 1.0 GPH Pressure Compensating Emitters — Black (10)
- 2.0 GPH Pressure Compensating Emitters — Red (10)
- 1/2" Tie-Down Stakes (10)
- Hole Punch (1)
- Hole Plugs (24)
- End Clamp (1)
- 1/2" Swivel Adapter (1)



Blue Stripe® Drip 1/2" Emitter Kit
53619

Blue Stripe® Drip Starter Kit

Features

- The all-in-one drip starter kit for watering plants or containers

Kit Includes:

- 1/4" Tubing — 25' (.250 O.D. x .170 O.D.)
- 2.0 GPH Pressure Compensating Emitters (6)
- 1/4" Coupling (1)
- 1/4" Tees (5)
- 1/4" Stakes (6)
- 1/4" Faucet Adapter (1)



Blue Stripe® Drip Starter Kit
53724

1/4" Fitting and Emitter Kit

Features

- Use with Toro Blue Stripe® Drip 1/4" Tubing (.250 O.D. x .170 O.D.)
- Contains a selection of frequently used drip emitters and fittings

Kit Includes:

- 1/4" Tie-Down Stakes (10)
- 1/4" Coupling (5)
- 1/4" Elbow (5)
- 1/4" Tee (10)
- 1.0 GPH Flag Emitter — Black (5)
- 2.0 GPH Flag Emitter — Red (5)
- 4.0 GPH Flag Emitter — Maroon (5)
- 1/4" Faucet Adapter (1)



Blue Stripe® Drip 1/4" Fitting and Emitter Kit
53790



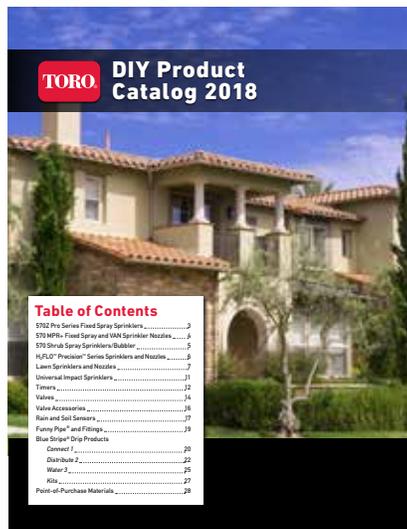
Model No.	Description	Master Pack Quantity	UPC No. 0-21038-	Master Pack Dimensions (Height x Width x Depth)	Master Pack Weight
53619	Blue Stripe® Drip 1/2" Emitter Kit	9	53619-4	11.5 x 7.5 x 16.3	9.7 lb
53724	Blue Stripe® Drip Starter Kit	8	53724-5	12 x 10.5 x 20.5	6.0 lb
53790	Blue Stripe® Drip 1/4" Fitting and Emitter Kit	8	53790-0	8.0 x 5.5 x 18.0	6.0 lb



Toro 4' x 3' Vinyl Banner
53280



Blue Stripe® Drip Planning & Installation Guide
53850



Toro DIY Catalog 2018
Available to download online

Model No.	Description	Master Pack Quantity	UPC No. 0-21038-
53850	Blue Stripe® Drip Planning & Installation Guide	25	53850-1
53280	4' x 3' Vinyl Banner	1	N/A





The Toro Company

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