

Plástico



Your Garden · Your Choice

Micro Drip Irrigation • Underground Water System • Garden Hose-End Products

Environmental symbiosis

Intelligent irrigation

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Company Profile

Reliable. Experienced. Professional.

Since establishing in 1977, Plastico Corp. is a proudly family owned business in Taiwan. Our heritage of providing great products into the Residential, Commercial, Landscape and Drip Irrigation industry help customers meet the global need for efficient water distribution. Our people here at Plastico are passionate about designing and supplying the best garden water product range – seeking to create the best irrigated solution for every projects.

Our experienced engineers and product developers, with a wealth of knowledge on plastic materials and the tool and manufacturing process, create quality and cost-effective items. The products undergo fastidious field testing so that resulting in a defect-free, quality product worthy of the Plastico name. Plastico promotes a “quality” culture throughout the whole company and this is reflected in all aspects of the organization including management level, sales and marketing, R&D, manufacture and logistic.

As a partner of the green industry, we strive to be a role model in CSR. We endeavor to reduce impact on our environmental through packaging redesign, process improvement, employee training, smart material selection, and equipment upgrades. Our founder, Mr. Charlie Chou, establishing the Charlie Chou Charity Foundation in 2002; not only assist in changing lives and communities, also continue to implement the concept of environmental protection and provide employees with a better life as its own responsibility.

We hope that in the future, we can contribute more to the environment, provide more efficient and water-saving products for your garden and make PLASTICO be your only and the best choice when selecting irrigation related products.

Your Garden, Your Choice, Your Plastico!



Suzhou, China

Rainstar Sprinkler Equipment Co. Ltd.

Suzhou Newstar Mold Technology Co. Ltd.



Taipei, Taiwan
Plástico Corp.(Headquarter)

Taoyuan, Taiwan
Plástico Corp.(Office / Factory)



Quality System & ISO 9001

Plastico has set a high standard in quality control system.

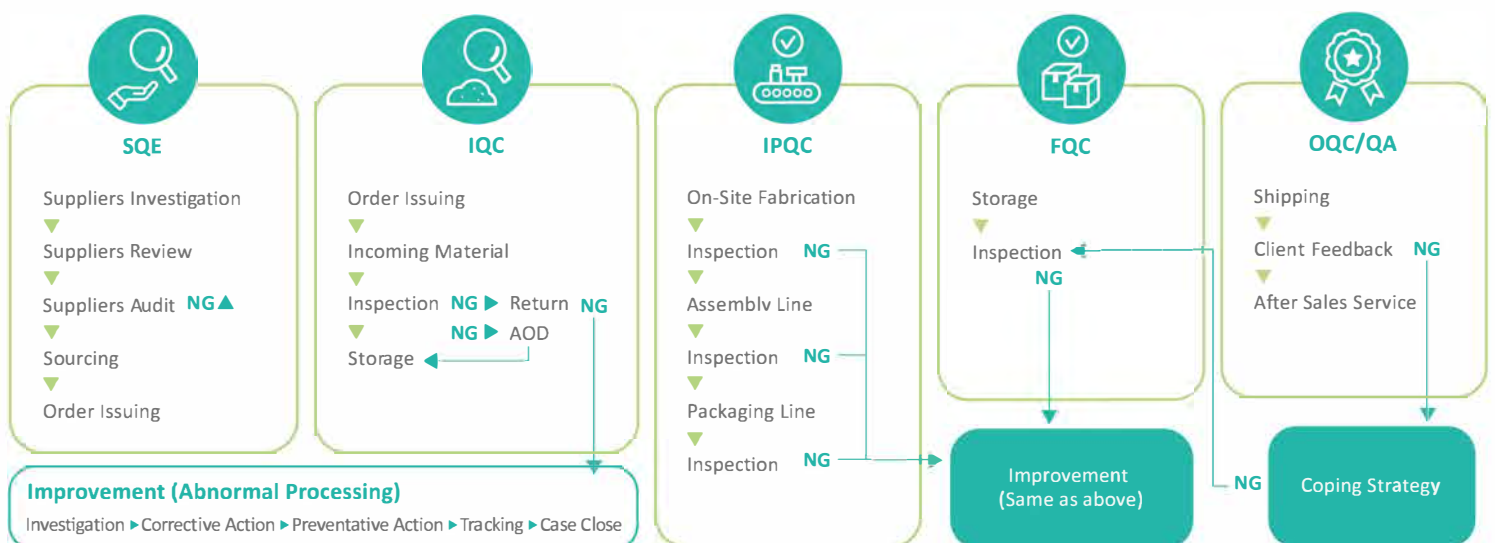
Plastico has set a high standard in quality control system. We are constantly on the strict lookout for quality systems to verify product design, reliability, compatibility, safety requirements, as well as raw materials' qualification. From raw material qualification to production to delivery of products, we prioritize quality assurance above all. For this, we are proud of our quality control system.

When it comes to production, we establish strict quality control procedures to ensure that all products and raw materials meet Plastico's high quality standard. Furthermore, in order to keep up with our high quality consistency, we conduct Ongoing/Outgoing Reliability Tests (ORT), to keep ourselves in check in the least expected times. Our unwavering spirit in the pursuit of high quality standard will not be compromised.

In Plastico Group, we are always looking for ways to boost the reliability of our products. We place great emphasis in quality improvement projects and activities. Whether it is product design, production process, quality control, or in areas of shipping, internal operation, document control, and after sales, we are constantly looking to improve them. Never satisfied, we will keep trying to attain perfection.

Plastico Group is committed to achieving the utmost excellence in quality of products and services

We understand that quality input in the work force translates into the quality of products; our Taiwan and China factories were awarded ISO 9001 in 1977 and 2000, respectively, from LRQA. Our quality has stood the test of time, as our factories are annually audited by a third party inspector. Only through this rigorous means are we able to proudly declare that each part we manufacture always comes with the highest quality.



Research & Development Department

Offer customers the most innovative product design and the best quality services

From brain-storming to product-manufacturing, Plástico professional R&D team has connected with customers on various levels.

In addition to product development, Plástico also offers customers a more comprehensive tool design/making, product testing and recommendations based on our R&D and QC team's past experience. We treat customers just like family, holding nothing back.

Plástico currently holds more than 30 patents in United States, Europe, Taiwan and China. This is certainly a great achievement we take pride in. It is also a great measure to keep ourselves competitive in the market.



Tooling Design & Fabrication Non-standard Metals Parts Processing

Our tooling team is dedicated to designing and manufacturing various customized mold tools.

Since 1998, there has been a sharp increase in demand from our customer base. Our tooling team was dedicated to designing and manufacturing various molding customization. Over the years, we've gained great knowledge in the field. Not only did we make great strides in the technology, quality and our company bylaws, we also followed up with improved product design, processes, quality control and manufacturing processes to meet our customers' expectations.

In 2011, "Newstar Mold Technology Co. Ltd", subsidiary of Plástico Group in Suzhou, was established. Newstar Mold Technology specialized in precision plastic injection, mold design and fabrication. It played a critical role in raising our ability to provide a higher quality of products and services (2D/3D mold design, CAM, runner analysis, CNC processing, EDN processing, workbench assembly, and precision measurement equipment). We were also able to develop a more advanced SOP, SIP and quality control system for tooling manufacture.

Plástico specializes in working with various non-standard metal parts upon customers' drawings and request. We have more than 15 engineers and technicians in die-casting, injection molding, painting and machining, who are experts in their respective field. We are committed to enhancing the ability of our engineering team in order to match the cutting-edge demand of our customers.

Company Milestones

Over the last four decades, we've made great progress. We are now a well-organized corporate group with three production bases in both Taiwan and China. We want to thank all of our hard-working employees as well as our customers who supported and helped us get here.

Our Mission and Vision

Mission To offer a wide range of functional, well-designed, and eco-friendly watering irrigation products at prices that as many people as possible will be able to afford them.

Vision Make the world a better and greener place.

Plastico Corp. and Taiwan factory were established in 1977; same year, the factory was accredited with ISO 9002. Plastico first PVC pipe connector and dancing water oscillator product came out on the market.

Plastico first dripper product and sprinkler valve appeared on the market. R&D Dept. was organized in 1994.



1st China factory, "Rainstar (Suzhou) Sprinkler Equipment Co. Ltd.", was founded. Plastico first popup sprinkler and hose end nozzle appeared on the market.



"Charlie Chou Charity Foundation" established. In 2002. Taiwan and China factories were accredited with ISO 9001 and 9002 respectively. Plastico first rotor, hose end timer and pressure compensation dripper came out to the market.



“NewStar Mold Technology Co. Ltd.”,
2nd China factory was founded in 2008.



Pressure regulating drip converter
was launched to the market. First
OEM smart irrigation project (BT
timer and indoor garden planter).



Injection Molding Developing
Center was established in 2011.
First Y-type Pressure Regulator
was launched to the market.

Plastico received D&B D-U-N-S
certificate. PC dripper on spike
and Turbo PC were introduced
to the market. Self-development
coil was applied to all timer
products. Plastico joined
Ecovadis evaluation program.

Pressure regulating Pop-up
was introduced to the market.
Low flow full circle sprinkler
was launched to the market.

2008

2011

2012

2014

2015

2018

2019

2022



Micro Drip Irrigation

Water Conservation and Drip Irrigation

The efficient use of water is one of the central tenets of a sustainable home. According to the survey, summer's rising temperatures often coincide with rising outdoor water use, primarily due to an increase in lawn and landscape watering. While using water efficiently is important throughout the year, sometimes the timing of water use can make a big difference for water supplies and your water bill.

So, what is the alternative? Are we fated to let our lawns turn brown and dusty during the summer? low-flow showerhead might help you save a couple of gallons of water each time you take a shower. But if you really value water conservation and still want to have a green lawn and a beautiful flowerbed, finding ways to turn off those sprinklers will go much further in reducing your water consumption.

Undoubtedly, drip irrigation is the answer.



Reduce water usage



Precise amounts
of water



Keep lawn healthy

The drip system delivers small but precise amounts of water and nutrients directly to the plant's root zone, where water is most needed and most efficiently used by the plant. Through a complex system of lines and emitters, drip irrigation systems deliver water drop by drop and thus vastly reduce the amount of water needed to keep your lawn healthy.

A properly installed drip irrigation system can reduce water usage by up to 70% compared to the average sprinkler.



A drip irrigation system can help your grass or other plants grow more quickly as the correct amount of water is delivered directly to the root zone, and nutrients can also be sent through the lines and emitters.

Nowadays, we are in a much more drought and hotter environment. Many municipalities have watering restrictions to conserve water that people need for daily household use. However, you can still have a nice garden if you use waterwise watering methods. Therefore, no matter from water saving point of view or cost, drip irrigation is the gold standard for waterwise irrigation and help significantly on water conversation.



Drip Emitters

Adjustable Drippers



PD-0100

Pressure	15	20	25
Flow	0~8	0~10	0~11

- Adjustable from 0~8 GPH (0~36 L/H)
- Operating Pressure: 10~25 PSI (0.7~1.7 BAR)
- Available for 4mm barb
- Recommended Micron Rating: 150-mesh min

Fixed Drippers



PD-0202

Pressure	15	20	25
Flow	2	2.5	3

- Flow available for 2 GPH (8 L/H)
- Operating Pressure: 10~25 PSI (0.7~1.7 BAR)
- Available for 4mm barb
- Recommended Micron Rating: 150-mesh min

Take Apart Drip Emitters



PD-0210 Black

Pressure	15	20	25
Flow	1.0	1.1	1.2



PD-0220 Green

Pressure	15	20	25
Flow	2.0	2.2	2.2



PD-0240 Red

Pressure	15	20	25
Flow	4.0	4.3	4.5

- Flow available for 1, 2, 4 GPH (4, 8, 16 L/H)
- Operating Pressure: 10~25 PSI (0.7~1.7 BAR)
- Available for 4mm barb
- Recommended Micron Rating: 150-mesh min
- Three color-coded flow rates available for easy identification
- Made of UV resistant, durable plastic material to withstand the most adverse environmental conditions

Flag Drip Emitters



PD-0301 Black

Pressure	15	20	25
Flow	1.0	1.3	1.5



PD-0302 Green

Pressure	15	20	25
Flow	2.0	2.5	3.0



PD-0304 Red

Pressure	15	20	25
Flow	4.0	5.3	6.0

- Flow available for 1, 2, 4 GPH (4, 8, 16 L/H)
- Operating Pressure: 10~25 PSI (0.7~1.7 BAR)
- Available for 4mm barb
- Recommended Micron Rating: 150-mesh min
- Self-tapping barbed inlet for easy installation
- Twist-Locking feature designed to easily open for cleaning

Pressure / (PSI) · Flow / (GPH)

Press-Fit Misters

**PD-0403 Black**

Pressure	15	20	25
Flow	4.0	4.6	5.0

**PD-0506 Grey**

Pressure	15	20	25
Flow	7.0	7.8	8.4

- Flow available for 3 & 6 GPH (6 & 12 L/H)
- Operating Pressure: 15~50 PSI (1~3.4 BAR)
- Available for 4mm barb
- Recommended Micron Rating: 150-mesh min
- Ideal for enhancing humidity in greenhouse environment

Pressure Compensating Dropper

PC Emitters

**PD-0305 Light Red**

Pressure	15	20	25
Flow	0.5	0.55	0.63

**PD-0310 Black**

Pressure	15	20	25
Flow	1.0	1.1	1.2

**PD-0320 Green**

Pressure	15	20	25
Flow	2.0	2.2	2.2

**PD-0340 Red**

Pressure	15	20	25
Flow	4.0	4.3	4.5

- Flow available for 0.5, 1, 2, 4 GPH (2, 4, 8, 16 L/H)
- Operating Pressure: 1~45 PSI (0.7~3.1 BAR)
- Available for 4mm barb
- Recommended Micron Rating: 150-mesh min
- Four color-coded flow rates available for easy identification
- Made of UV resistant, durable plastic material to withstand the most adverse environmental conditions

PC In-Line Drippers



PD-1801

Pressure	15	20	25
Flow	0.5	0.55	0.63
Flow Rate	0.5 GPH		



PD-1802

Pressure	15	20	25
Flow	1.0	1.1	1.2
Flow Rate	1 GPH		

- Flow available for 0.5 & 1 GPH (2 & 4 L/H)
- Operating Pressure: 10~45 PSI (0.7~3.1 BAR)
- Available for 4mm barb
- Recommended Micron Rating: 150-mesh min
- Provide consistent pre-set flow rate to allow you to control watering more precisely;
- great for pots, hanging baskets and waving through small garden beds

PC Dripper on Spike



PD-1910 Black

Pressure	15	20	25
Flow	1.0	1.1	1.2



PD-1920 Green

Pressure	15	20	25
Flow	2.0	2.2	2.2



PD-1940 Red

Pressure	15	20	25
Flow	4.0	4.3	4.5

- Flow available for 1, 2, 4 GPH (4, 8, 16 L/H)
- Operating Pressure: 1~45 PSI (0.7~3.1 BAR)
- Available for 4mm barb
- Recommended Micron Rating: 150-mesh min
- Three color-coded flow rate available for easy identification
- Made of UV resistant, durable plastic material to withstand the most adverse environmental conditions

Micro Jet Spray (1/4" Thread)

Micro Jet Sprayers



PD-0800

Pressure	15	20	25
Flow	11.5	12.8	13.8
Radius	7.5	8.5	9.5

- Water Pattern : Full Spray



PD-0810

Pressure	15	20	25
Flow	11.2	13.3	15.4
Radius	3.6	4.0	4.2

- Water Pattern : Center Strip



PD-0820

Pressure	15	20	25
Flow	5.0	5.7	6.3

- Water Pattern : Mist



PD-0900

Pressure	15	20	25
Flow	11.5	12.8	13.8
Radius	5.2	6.2	6.8

- Water Pattern : Half Spray



PD-1000

Pressure	15	20	25
Flow	11.5	12.8	13.8
Radius	5.4	6.7	7.2

- Water Pattern : Quarter Spray

Pressure / (PSI) · Flow / (GPH) · Radius / (FEET)

Micro Fan Sprayers



PD-1100

Pressure	15	20	25
Flow	16.5	19.0	20.5
Radius	3.2	3.5	4.0

- Water Pattern : Full Spray



PD-1200

Pressure	15	20	25
Flow	15.0	17.0	19.0
Radius	3.2	3.4	4.0

- Water Pattern : Half Spray



PD-1300

Pressure	15	20	25
Flow	18.0	22.0	25.0
Radius	6.5	8.2	9.2

- Water Pattern : Quarter Spray

Adjustable Jet Sprayers



PD-0850

Pressure	15	20	25
Flow	0~21	0~24.5	0~28
Radius	0~12.3	0~14.2	x

- Water Pattern : Full Spray



PD-0860

Pressure	15	20	25
Flow	5.0	5.7	6.3

- Water Pattern : Mist



PD-0865

Pressure	15	20	25
Flow	13.8	15.8	17.4
Radius	8.2	8.8	9.6

- Water Pattern : Mini Roter



PD-0870

Pressure	15	20	25
Flow	1.0	1.1	1.2
Radius	8.2	8.8	9.6

- Water Pattern : CST



PD-0950

Pressure	15	20	25
Flow	0~21	0~24.5	0~28
Radius	0~8.8	0~10.5	0~12.1

- Water Pattern : Half Spray



PD-1050

Pressure	15	20	25
Flow	0~21	0~24.5	0~28
Radius	0~8.8	0~10.5	0~12.1

- Water Pattern : Quarter Spray

Adjustable Jet Sprayer on Spike



PD-1301 Adjustable Spray w/ 4mm Barb
PD-1302 Adjustable Spray w/ 1/4" Thread
PD-1303 Adjustable Spray w/ Spike

Pressure	15	20	25
Flow	0~16	0~18.5	0~21
Radius	0~2.3	0~2.5	0~2.7



PD-1401 Adjustable 360° Jet w/ 4mm Barb
PD-1402 Adjustable 360° Jet w/ 1/4" Thread
PD-1403 Adjustable 360° Jet w/ Spike

Pressure	15	20	25
Flow	0~20	0~24	0~28
Radius	0~2.2	0~2.5	0~3.5



PD-1501 Adjustable 180° Jet w/ 4mm Barb
PD-1502 Adjustable 180° Jet w/ 1/4" Thread
PD-1503 Adjustable 180° Jet w/ Spike

Pressure	15	20	25
Flow	0~20	0~24	0~28
Radius	0~4	0~5	0~5.5

Micro Jet Spray Sets



- PD-5708**
- Full Pattern Jet Spray
 - 8" Riser
 - Threaded Stake w/ Flow Control



- PD-5709**
- Half Pattern Jet Spray
 - 8" Riser
 - Threaded Stake w/ Flow Control



- PD-5710**
- Quarter Pattern Jet Spray
 - 8" Riser
 - Threaded Stake w/ Flow Control

Mini Rotor Sprinklers



PD-1600 1/4" Thread, 12 GPH, 15' Diameter

Pressure	15	20	25
Flow	13.8	15.8	17.4
Radius	8.2	8.8	9.9



PD-1701 1/2" Thread, 30 GPH, 25' Diameter

Pressure	15	20	25
Flow	27	31	34.5
Radius	14	15.5	16.4

Drip Fittings & Accessories

Barb Fittings



PD-2004

- Handy Barb Joiner
- For 4mm Tubing



PD-2104

- Barb Tee
- For 4mm Tubing



PD-2113

- Barb Tee
- For 13mm Tubing



PD-2119

- Barb Tee
- For 19mm Tubing



PD-2204

- Barb Elbow
- For 4mm Tubing



PD-2213

- Barb Elbow
- For 13mm Tubing



PD-2219

- Barb Elbow
- For 19mm Tubing



PD-2313

- Barb Joiner
- For 13mm Tubing



PD-2319

- Barb Joiner
- For 19mm Tubing



PD-2904

- End Plug
- For 4mm Tubing



PD-2913

- End Plug
- For 13mm Tubing



PD-2919

- End Plug
- For 19mm Tubing



PD-3004

- Thread Joiner
- For 4mm Tubing



PD-4704

- Barb Cross
- For 4mm Tubing



PD-4804

- Barb Tee
- 13 x 4 x 13mm

Drip Shrub Adapters



PD-2404

- 3/4" NH Swivel Adapter
- For 4mm Tubing

PD-2504

- 3/4" FPT Swivel Adapter
- 13 x 4 x 13mm



PD-2413

- 3/4" NH Swivel Adapter
- For 13mm Tubing

PD-2513

- 3/4" FPT Swivel Adapter
- For 13mm Tubing



PD-2443

- 3/4" Thread Adapter
- NH x NH

PD-2543

- 3/4" Thread Adapter
- BSP x BSP



PD-2604

- 3/4" NH Adapter
- For 4mm Tubing

PD-2704

- 3/4" FPT Adapter
- For 4mm Tubing

Other Accessories



PD-2804

- Mounting Clip
- For 4mm Tubing



PD-2813

- Mounting Clip
- For 13mm Tubing



PD-3020

- End Stop (8-Shaped)
- For 13mm Tubing



PD-3104

- Holding Stake
- For 13mm Tubing



PD-3106

- V Type Holding Stake
- For 4mm Tubing



PD-3113

- Holding Stake
- For 13mm Tubing



PD-3208

- 8" Riser w/ Adapter



PD-3212

- 12" Riser w/ Adapter



PD-3220

- 8" Riser



PD-3230

- 12" Riser



PD-3300

- Hole Punch



PD-3302

- Handy Hole Punch



PD-3401

- Stake w/ Flow Control
- For Threaded Riser

Thread / Nut & Tail Adapter



PD-2501

- 3/4" Swivel Adapter
- For 13mm Tubing



PD-3516

- Barb Connector
- For 16mm Tubing



PD-3713

- 25mm Barb Adapter
- For 13mm Tubing



PD-3813

- 20 x 25mm Barb Adapter
- For 13mm Tubing

Clamps



PD-3913

- Locking Clamp
- For 13mm Tubing



PD-3919

- Locking Clamp
- For 19mm Tubing



PD-4013

- Saddle Clamp
- For 13mm Tubing

Threaded Barb Fitting



PD-4113

- 13mm Barb
- 1/2" Thread Tee



PD-4119

- 19mm Barb
- 1/2" Thread Tee



PD-4213

- 13mm Barb
- 1/2" Thread Elbow



PD-4219

- 19mm Barb
- 1/2" Thread Elbow



PD-4319

- 19mm Barb
- 1/2" Thread Adapter



PD-4323

- 13mm Barb
- 3/4" BSP Male

Inline Valve Fitting



PD-4404

- In-Line Valve
- 4mm Barb



PD-4413

- In-Line Valve
- 13mm Barb

Inline Valve Fitting



PD-4414

- In-Line Valve
- 1/4" Thread



PD-4423

- Compression In-Line Valve
- For 13mm Tubing

Compression Fitting

Tee



PD-6100

- 16 x 16 x 16 mm

PD-6120

- 19 x 16 x 19 mm

PD-6110

- 19 x 19 x 19 mm

PD-6130

- 16 x 19 x 16 mm



Elbow

PD-6200

- 16 x 16 mm

PD-6220

- 19 x 16 mm

PD-6210

- 19 x 19 mm



Coupling

PD-6300

- 16 x 16 mm

PD-6320

- 19 x 16mm

PD-6310

- 19 x 19 mm



End Cap

PD-6400

- 16 mm

PD-6410

- 19 mm

Drip Emitter Manifolds

6-Outlet Drip Manifolds



PD-5101 (1/2" FNPT)

PD-5102 (3/4" FNPT)

- Flow rate adjustable between 0~55 GPH per outlet
- Operating Pressure: 10~50 PSI (0.7~3.5 BAR)
- Inlet size: available for 1/2" & 3/4" FNPT
- Outlet size: for 4mm barb
- Recommended Micron Rating: 120-mesh min
- Convert shrub head to a dripper system w/ flow control for each outlet
- Built with easily accessible filter to help prevent clogging

4-Outlet PC Drip Manifolds



PD-5215 Black (1GPH)

PD-5225 Green (2GPH)

PD-5245 Red (4GPH)

- Three Color coded top for easy flow rate identification
- Pressure compensating feature supports consistent flow and providing equal flow from each outlet regardless of pressure fluctuations
- Flow available for 1, 2, 4 GPH (4, 8, 16 L/H)
- Recommended Micron Rating: 150-mesh min
- Operating Pressure: 10~50 PSI (0.7~3.5 BAR)
- Inlet size: available for 5/8" 28UN & 1/2" FNPT (extra adapter needed)
- Outlet size: for 4mm barb
- Recommended Micron Rating: 150 mesh min
- Convert popup nozzle or shrub head to a dripper system

Drip Zone Assembly & Kit

Drip Zone Assembly



PD-3825 (NPT / 25PSI)

PD-3925 (BSP / 25PSI)

PD-3845 (NPT / 45PSI)

PD-3945 (BSP / 45PSI)

- 1" Pre-assembled control zone kit for quick and easy installation, saving you time and labor.
- Stainless steel screen filtration - Filter element is made from 200 mesh stainless steel ensuring long-lasting protection against clogging drip emitters.
- Pressure regulator (controls dynamic pressure to 25/45 PSI) - Protects barbed connections within drip zone from fatiguing and leaking.
- Valves 100% water-tested to ensure dependable operation
- Pressure regulation: 25 or 45 PSI (1.7bar or 3.1bar)
- Flow: 0.5 to 15 GPM
- Operating pressure: 20 to 120 PSI (1.4~8.3bar)

Drip Kits

PD-3660 / 3665 (Home Growing Kit)



- A PD-8325 / 8425 * 1pc (NH/NPT 25PSI Pressure Regulator)
- B PD-2404 / 2504 * 1pc (NH/FPT Adapter for 4mm Tubing)
- C PD-3204 * 1pc (4mm Tubing/10M)
- D PD-2104 * 5pcs (Barb Tee)
- E PD-3104 * 5pcs (Holding Stake)
- F PD-0310 * 5pcs (PC Dripper)
- G PD-3302 * 1pc (Handy Hole Punch)

PD-3680 / 3685 (Patio and Potted Plant Kit)



- A PD-8325 / 8425 * 1pc (NH/NPT 25PSI Pressure Regulator)
- B PD-2604 / 2704 * 1pc (NH/FPT Adapter for 4mm Tubing)
- C PD-3204 * 1pc (4mm Tubing/10M)
- D PD-2104 * 10pcs (Barb Tee)
- E PD-1403 * 5pc (Adj. 360 Jet on Spike)
- F PD-3104 * 5pcs (Holding Stake)
- G PD-0310 * 10pcs (PC Dripper)
- H PD-3302 * 1pc (Handy Hole Punch)

PD-3690 / 3695 (Professional Veg Garden Kit)



- A PW-6200/6300/6400 * 1pc (LCD/Solenoid/Ball valve timer)
- B PD-8200/8205 * 1pc (NH/BSP Anti-Siphon Adapter)
- C PD-9425 * 1pc (25PSI Pressure Regulating Y Type Filter)
- D PD-2413 / 2513 * 1pc (NH/FPT Adapter for 13mm Tubing)
- E PD-3213 * 1pc (13mm Tubing/25M)
- F PD-2813 * 10pc (Mounting Clip for 13mm Tubing)
- G PD-3020 * 1pc (End Stop for 13mm Tubing)
- H PD-4804 * 10pc (13x4x13mm Barb Tee)
- I PD-3204 * 1pc (4mm Tubing/10M)
- J PD-2104 * 10pcs (Barb Tee)
- K PD-3106 * 10pcs (Holding Stake)
- L PD-0310 * 10pcs (PC Dripper)
- M PD-3302 * 1pc (Handy Hole Punch)

PD-3700 / 3705 (Landscape Sprinkler Conversion Kit)



- A PD-5215 * 1pc (1GPH 4-Outlet PC Drip Manifolds)
- B PD-3204 * 1pc (4mm Tubing/10M)
- C PD-2104 * 10pcs (Barb Tee)
- D PD-1303 * 5pcs (Adj. Spray on Spike)
- E PD-5708 * 5pcs (360 Micro Jet Spray Set)
- F PD-3106 * 10pcs (Holding Stake)
- G PD-0301 * 5pcs (1GPH Flag Drip Emitter)
- H PD-3300 * 1pc (Drip Punch Tool)

Pressure Regulating Devices

Anti-Siphon Adapters



PD-8100 NH x NH
PD-8200 NH x NPT
PD-8205 BSP x NPT

- 3/4" female hose thread inlet x male hose thread outlet
- Prevent outside water from siphoning through outside faucet
- Fit all standard outdoor hose faucets
- Durable plastic construction grants long product life

Preset Pressure Regulator



PD-8315 (15 PSI) NH x NH **PD-8415** (15 PSI) NPT x NPT
PD-8325 (25 PSI) NH x NH **PD-8425** (25 PSI) NPT x NPT
PD-8345 (45 PSI) NH x NH **PD-8445** (45 PSI) NPT x NPT

- 3/4" female hose thread inlet x male hose thread outlet
- Easy installation with valve on drip system, sprinklers and misters
- No glue needed; no special tools required
- Ensure excessive water pressure does not damage drip system
- Made from durable UV resistant material

Inline Filters



PD-9201
 Snap-On



PD-9213
 13mm Barb



PD-9243
 BSP x BSP

- Snap-on model for direct connection to standard tap adapter
- In-line model with single barb inlet and outlet
- Hose thread type is installed between anti-siphon adapter and preset pressure regulator
- Protected from clogging and easily taken apart for cleaning

Inline Pressure Regulating Filters



PD-9315 (15 PSI) 1" **PD-9415** (15 PSI) 3/4"
PD-9325 (25 PSI) 1" **PD-9425** (25 PSI) 3/4"
PD-9345 (45 PSI) 1" **PD-9445** (45 PSI) 3/4"

- Work with all valves and fit for drip irrigation systems
- Robust design and glass-filled PP construction
- Preset pressure regulator is integrated with 200-mesh screen
- Operating Pressure: 20~120 PSI
- Easy to clean or replace the filter
- Both MPT and BSP thread gauge are available

Pressure Regulating Drip System Converter



PD-9515 (15 PSI) 1/2" FPT x MPT
PD-9525 (25 PSI) 1/2" FPT x MPT
PD-9545 (45 PSI) 1/2" FPT x MPT

- Provide convenient conversion to drip tubing when used with compression adapter
- Preset pressure regulation with 200-mesh screen filter
- All-in-one unit to easily retrofit existing system to irrigation products
- Compatible with both upgraded and downgraded drip system

Underground Water System

The Benefits of Smart Irrigation System

Are you still watering plants by hand? Are you annoyed to set up your irrigation system in different weather or in different seasons? If so, then you may find it beneficial to look into a smart Irrigation system. Due to increasing awareness about water conservation in the recent years, it makes the smart irrigation market have significant growth worldwide.

Smart Irrigation system uses the latest product technologies such as Smart irrigation controllers, sensors, and sprinklers to help save water by adjusting the watering level depending on the weather and soil moisture condition. Smart irrigation systems are also capable of synching up to soil and wind sensors. The system receives weather data, after analysis process and then to adjust watering level to the current condition. Currently many smart controllers are also mobile phone compatible, allowing you to control the system on your smartphone.



Here are major benefits when you adopting the smart system

Can't wait to have a beautiful lawn and garden and enjoy your lifetime? With Smart Irrigation system, you do not have to worry about changing the irrigation schedule in different seasons, you also create an Eco-friendly and sustainable environment for your family. Since the benefits of installing a Smart Irrigation system are so obvious, time to switch your outdated irrigation timer to a "Smart" controller and design the right watering system for your garden.



Lawn Irrigation Sprinklers

Professional Pop-up Sprinkler



- Strong and UV-resistant plastic body provides longer product life
 - Heavy-duty stainless spring to ensure reliable retraction
 - Ratcheting riser design for quick pattern alignment
 - Special wiper seal design allows your system to handle low water pressure as proficiently as high
 - Compatible with popular female-threaded nozzles
 - 1/2" female pipe thread inlet
 - Operating water pressure range: 15~70 PSI (1.0~4.8 BAR; 103~482 kPa)
- Specification Guide
- Extra Features :
 - (1) Check Valve : prevent water backflow and conserve the amount of water needed to fill the pipes each time
 - (2) Pressure Regulating : control the water pressure at 30 or 40 PSI and keep it consistent across the entire system
 - (3) Stop Flow : stops water flow with stream indicator if the spray head is damaged by a lawnmower

Specification Guide

EX: PL-0451P



1	2	3	4	5
Product Category PL Series	Pop-up Height 02= 2" Pop-up 03= 3" Pop-up 04= 4" Pop-up 06= 6" Pop-up	Model Professional	Water Pattern 0 = Flush Plug 7 = 15' VAN 1 = Full-Circle 9 = Body Only 2 = Half-Circle A = 8' S-VAN 3 = 1/4 Full-Circle B = 10' S-VAN 4 = 3/4 Full-Circle C = 12' S-VAN 5 = Center Strip D = 15' S-VAN 6 = End Strip E = 17' S-VAN	Features CV = check valve P30/P40 = Pressure regulating at 30/40 PSI S = Stop Flow

- Complementary Check Valve Feature Available
- Pressure Regulation and Stop Flow features are only available for 4" models

Model Number List

2" Pop-up		3" Pop-up		4" Pop-up		6" Pop-up	
PL-0250	PL-0259	PL-0350	PL-0359	PL-0450	PL-045C	PL-0650	PL-0659
PL-0251	PL-025A	PL-0351	PL-035A	PL-0451	PL-045D	PL-0651	PL-065A
PL-0252	PL-025B	PL-0352	PL-035B	PL-0452	PL-045E	PL-0652	PL-065B
PL-0253	PL-025C	PL-0353	PL-035C	PL-0453	PL-045xCV	PL-0653	PL-065C
PL-0254	PL-025D	PL-0354	PL-035D	PL-0454	PL-045xP30	PL-0654	PL-065D
PL-0255	PL-025E	PL-0355	PL-035E	PL-0455	PL-045xP40	PL-0655	PL-065E
PL-0256	PL-025xCV	PL-0356	PL-035xCV	PL-0456	PL-045xSCV	PL-0656	PL-065xCV
PL-0257		PL-0357		PL-0457	PL-045xP30S	PL-0657	
				PL-0459	PL-045xP40S		
				PL-045A	PL-045xP30SCV		
				PL-045B	PL-045xP40SCV		

Streamline Pop-ups Sprinkler



- Strong and UV-resistant plastic body provides longer product life
- Compact and slim design for easier installation
- Heavy-duty stainless spring to ensure reliable retraction
- Ratcheting riser design for quick pattern alignment
- Compatible with popular female-threaded nozzles
- 1/2" female pipe thread inlet
- Operating water pressure range: 15~70 PSI (1.0~4.8 BAR; 103~482 kPa)
- Extra Features :
 - (1) Check Valve : prevent water backflow and conserve the amount of water needed to fill the pipes each time
 - (2) Pressure Regulating : control the water pressure at 30 or 40 PSI and keep it consistent across the entire system
 - (3) Stop Flow : stops water flow with stream indicator if the spray head is damaged by a lawnmower

Specification Guide

EX: PL-0471PS



1	2	3	4	5
Product Category PL Series	Pop-up Height 02= 2" Pop-up 04= 4" Pop-up	Model Streamline	Water Pattern 0 = Flush Plug 1 = Full-Circle 2 = Half-Circle 3 = 1/4 Full-Circle 4 = 3/4 Full-Circle 5 = Center Strip 6 = End Strip 7 = 15' VAN 9 = Body Only A = 8' S-VAN B = 10' S-VAN C = 12' S-VAN D = 15' S-VAN E = 17' S-VAN	Features CV = check valve P30/P40 = Pressure regulating at 30/40 PSI S = Stop Flow

- Complementary Check Valve Feature Available
- Pressure Regulation and Stop Flow features are only available for 4" models

Model Number List

2" Pop-up			4" Pop-up			
PL-0270	PL-0276	PL-027D	PL-0470	PL-0476	PL-047D	PL-045xP30S
PL-0271	PL-0277	PL-027E	PL-0471	PL-0477	PL-047E	PL-045xP40S
PL-0272	PL-0279	PL-027xCV	PL-0472	PL-0479	PL-045xCV	PL-045xP30SCV
PL-0273	PL-027A		PL-0473	PL-047A	PL-045xP30	PL-045xP40SCV
PL-0274	PL-027B		PL-0474	PL-047B	PL-045xP40	
PL-0275	PL-027C		PL-0475	PL-047C	PL-045xSCV	

Shrub Spray Heads & Nozzles

Shrub Spray Heads



Flood Bubbblers



Spray Nozzle



Sprinkler Surrounds



Adjustable S-Nozzles



Water Pattern

Water Pattern	Shrub Spray Heads	Flood Bubbblers	Spray Nozzle	Sprinkler Surrounds	Adjustable S-Nozzles
Full Circle	PL-1301	PL-1401	PL-1500	PL-1900	-
½ Circle	PL-1302	PL-1402	(Filter can be purchased separately)	PL-1701	-
¼ Circle	PL-1303	PL-1403		PL-1702	• Dimensions: I.D. 2 ½" · O.D. 3 ¾" · Height 2 ¾"
¾ Circle	PL-1304	PL-1404		PL-1703	• Safe from lawn mower and whipper snipper damage
CST	-	-		PL-1704	• Helps control grass growing on pop-up head
EST	-	-		PL-1705	-
SST	-	-		PL-1706	-
Square	-	-		PL-1707	-
Body Only	PL-1309	PL-1409		PL-1708	-

Throw Pattern

8' (S)VAN	-	-	-	PL-1908
10' (S)VAN	-	-	-	PL-1910
12' (S)VAN	-	-	-	PL-1912
15' (S)VAN	-	-	-	PL-1915
17'(S)VAN	-	-	-	PL-1917

Performance Chart of Pop-ups & Spray Nozzles

Spray Pattern	Throw Distance	Coverage	GPM Output	Spacing
● Full Circle	12' Radius	360 °	3.0	10'-12' / 17'
◐ Half Circle	12' Radius	180 °	1.50	10'-12' / 17'
◑ Quarter Circle	12' Radius	90 °	0.80	10'-12' / 17'
◒ Three Quarter Circle	12' Radius	270 °	2.30	10'-12' / -
▶ Center Strip	4' X 26'	-	0.70	-
◀ End Strip	4' X 13'	-	0.45	-
▬ Side Strip	4' X 26'	-	0.89	-
■ Square	18' X 18'	-	1.70	-

Adjustable S-Nozzle

- 360° adjustment of 8'/10'/12'/15'/17' radius coverage, rotational triggers at 370°, compatible with female thread nozzles

Impact Rotor & Sprinklers

Water Pressure / (PSI) · Radius / (FEET) · Max spacing / (FEET) · Output (GPM)

Pop-Up Rotor Sprinklers



PL-2100

Water Pressure	30	40	50
Radius	33	37	40
Output	2.0	2.2	2.5

- Extra durable, rotating sprinkler ideal for medium to large lawn
- Adjustable Radius (25~40 FT) and adjustable pattern (20~360°)
- Inlet: ½" Female NPT on bottom or at side
- Resists clogging from surface reclaimed water or wells
- Radius reduction screw breaks water into smaller droplets for uniform watering



PL-2500

Water Pressure	30					40					50				
Radius	32'	33'	34'	38'	39'	35'	37'	39'	41'	43'	36'	40'	41'	42'	45'
Max spacing	43	44	46	49	49	46	47	47	49	53	46	48	49	53	53
Output	1.5	2.0	3.9	3.8	5.8	1.8	2.2	3.6	4.2	6.5	2.3	2.5	4.0	5.1	7.5

- Extra durable, rotating sprinkler ideal for medium to large lawn
- Adjustable Radius (25~40 FT) and adjustable pattern (20~360°)
- Inlet: ½" or ¾" Female NPT on bottom or ½" Female NPT at side
- Resists clogging from surface or reclaimed water and wells
- Weighted spray arm controls stream with precision, preventing side splash onto buildings and walkways
- Reducing Spray Distance up to 25% by using spray reduction screw
- 5 color-coded nozzles included for even water distribution:
A (Orange): ¼ circle / B (Red): ½ circle / C (Black): ½ circle / D (Blue): ¾ circle / E (Green): full circle

Impact Sprinklers



PL-3100

Water Pressure	15	25	35	45
Radius	29	36	39	41
Output	2.7	3.5	4.2	4.7

- Durable high-impact plastic construction with minimal metal parts
- Grooved deflector provides even spray on all directions
- Adjustable stream length with control dial (20~41 FT) offers great flexibility
- Weighted guide arm controls stream with precision, preventing side splash onto buildings and walkways
- Diffuser screw breaks into smaller droplets for greater uniform water distribution
- ½" male pipe connection

Impact Sprinklers



PL-3400

Water Pressure	15	25	35	45
Radius	28	35	38	40
Output	2.6	3.4	4.1	4.6

- Durable high-impact plastic construction with minimal metal parts
- Covers up to 40 FT diameter
- Full-circle spray pattern
- ½" female iron pipe thread inlet

Solenoid Valves

1" Sprinkler Valves



- PL-4001** Female NPT Thread
- PL-4002** Female BSP Thread
- PL-4003** Slip Joint

- Compatible with most popular sprinkler controllers
- Sealed plastic over molding technique for waterproof construction
- Internal bleed, manual override for manual On/Off
- High flow with low pressure loss
- Flow control handle for water flow adjustment and manual shut-off.
- DC solenoid specification 24 VAC, 50/60 Hz, in-rush current 0.35 AMP, holding current 0.25 AMP

1" Sprinkler Valves w/ FC



- PL-4201** Female NPT Thread
- PL-4202** Female BSP Thread
- PL-4203** Slip Joint

Valve Protective Box



PL-4500

Round plastic box
w/ overlapping lip cover

- Lid made from high quality UV stabilized plastic, made to withstand direct sunlight
- For residential use
- Dimensions: Lid 4" diameter; Base 6 ¾" diameter; Height 6 ½" diameter

Swing Snap Pop-up Adapters



PW-3720

Double Swivel for 3/4" inlets
For Heads up to 7' tall and
5.25" in diameter



PW-3740

Double Swivel for 3/4" inlets
For Heads up to 7' tall and
5.25" in diameter

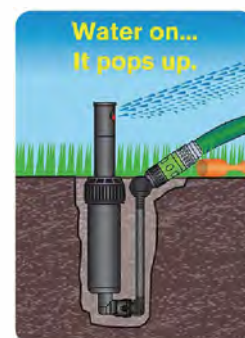


PW-3750

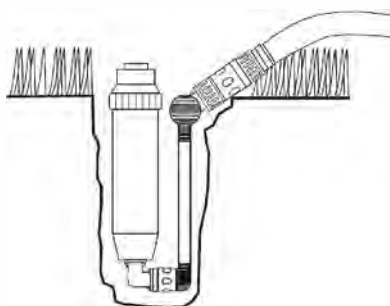
Double Swivel for 1/2" inlets
For Heads up to 7' tall and
5.25" in diameter



Application Example



- Swing Snap adapters are able to thread onto any brand of lawn sprinkler head
- Their versatile connection help setting up any pop-up anywhere you want
- Connector can be swung in any direction for easy hose attachment
- Save costs by making your own Swing Snap Sprinkler



This patented Swing Snap Adapter delivers water from your garden hose to the sprinklers. The male hose connector swivels horizontally and vertically so that the hose can be snapped on from any direction. It works with all brands of hose connectors. When not in use, merely swing the top down to lie flat on the ground. Then you can mow right over it.

Individually sold sprinkler heads come in all sizes and patterns. But, they all have either a 3/4" inlet for the larger heads or a 1/2" inlet for the smaller heads. The three sizes offered above cover the vast majority of the heads available for individual purchase at local retail stores. Grab a Swing Snap Adapter and build an immediate sprinkler system!!

Garden Hose-End Products

What is Sustainable Gardening

Creating a sustainable garden is now top of the wish list of many gardeners as they realize the importance of having backyards that are not only beautifully planted and well designed, but also work in partnership with wildlife and help to mitigate climate change.

The past 2 years of Covid-19 pandemic situation that has forced people to spend more time having indoor activities. People desires to find green and nature environment to take a rest and relax, and thus it comes out the concept of bring the outdoors into your home. So it's time to design your home garden to become suitable balcony to have social and entertainment with family and friends. Meanwhile, to have your garden sustainably is also a trend recently to create and build up a healthy, long-term eco-system in your garden.

Eco-friendly awareness has become popular in the recent years

Eco-friendly awareness has become popular in the recent years

To have an organic lawn and garden is an essential step in developing sustainability. It means avoiding chemicals, no chemical pesticides, and no artificial fertilizer. Making your own compost by recycling your kitchen and green wastes is eco-friendly and also minimizes waste every day. Attempt to be plastic-free in your home and garden. Do not abandon your old garden hose but reuse it to make a soaker hose. It is simple, make holes in the hose and attached a hose cap, then place the hose where you want to water in your garden.



No chemical pesticides



Making your own compost



Good for water saving

Saving water is also important for an Eco-friendly lawn and garden

One option is to collect rainwater by adding water buckets, or other collection methods, under every rainwater gutter system. A second option is using a seep hose rather than sprinklers. With a seep hose you are able to water to the plant roots. A third option is a hose and hose-end products for manual watering while at the same time checking lawn and garden growth. When creating a Eco-friendly system avoid using excessive concrete and other similar materials for hard landscaping. Choose local, natural materials where possible. It can be fun to develop water saving and Eco-friendly lawn and garden systems.



Hose Connectors & Adapters

Hose Connectors



Hose Mender
PW-2100 ½"
PW-2110 ¾"



Hose Connector
PW-2120 ½"
PW-2130 ¾"



Hose Connector w/ Water Stop
PW-2140 ½"
PW-2150 ¾"



M.T. Hose Connector
PW-2160 ¾" NH
PW-2165 ¾" BSP



F.T. Hose Connector w/ Water Stop
PW-2170
 ¾" NH w/ Water Stop
PW-2175
 ¾" BSP w/ Water Stop



F.T. Hose Connector w/o Water Stop
PW-2171
 ¾" NH w/o Water Stop
PW-2176
 ¾" BSP w/o Water Stop

Hose Adapters



Nozzle Adapter
PW-2180 ¾" NH
PW-2185 ¾" BSP



Tap Adapter
PW-2190 ¾" NH
PW-2195 ¾" BSP
PW-2196 ½" BSP
PW-2197 1" BSP
PW-2198 ¾" x ½"
PW-2199 1" x ¾"



2-Way Hose Coupler
PW-2200



3-Way Hose Coupler
PW-2210

Hose Connector w/ Shut-Off



Single Shut-Off
PW-2240 ¾" NH
PW-2245 ¾" BSP



Dual Shut-Off
PW-2250 ¾" NH

Hose Connector w/ Shut-off & Tap Adapter



One-side Tap Adapter
PW-2260 ¾" NH
PW-2265 ¾" BSP



Two-Side Tap Adapter
PW-2270 ¾" NH
PW-2275 ¾" BSP

Sprinklers On Base / Spike

Classic Impact Sprinklers

- High-impact plastic impulse sprinkler has adjustable distance control dial (20~41 FT radius), able to easily adjust to various patterns
- Lawn sprinkler, watering up to 25 FT radius, features multiple plastic arms with adjustable nozzles for better water pattern and speed control
- Durable high quality plastic spike base (PW-3320/3325/3330/3335/3340/3345)
- Heavy-Duty plastic "H" base (PW-3350/3355/3380/3385)

On Base



PW-3200
NH



PW-3205
Snap-On

On Spike



PW-3220
NH



PW-3225
Snap-On

Lawn Sprinklers

2-Arm on Base



PW-3350
NH



PW-3355
Snap-On

2-Arm on Spike



PW-3340
NH



PW-3345
Snap-On

3-Arm on Base



PW-3380
NH



PW-3385
Snap-On

3-Arm on Spike



PW-3320
NH



PW-3325
Snap-On

Butterfly Type on Spike



PW-3330
NH



PW-3335
Snap-On

Sprinkler Accessories

Rotary Sprinkler Heads



PW-3520
3-Arm



PW-3530
2-Arm

Plastic "H" Base



PW-3560
NH



PW-3565
Snap-On

2-Way Spike Base

A



B



C



D



A PW-3580 NH x ½" FPT

B PW-3581 NH x ½" MPT

C PW-3582 NH x ¾" MPT

D PW-3583 NH x ½" NH(M)

E PW-3584 Snap-On x ½" MPT

F PW-3585 Snap-On x ½" FPT

- High-impact plastic impulse sprinkler has adjustable distance control dial (20~41 FT radius), able to easily adjust to various patterns
- Lawn sprinkler, watering up to 25 FT radius, features multiple plastic arms with adjustable nozzles for better water pattern and speed control
- Durable high quality plastic spike base (PW-3320/3325/3330/3335/3340/3345)
- Heavy-Duty plastic "H" base (PW-3350/3355/3380/3385)

Multi-Pattern Garden Nozzles

Trigger Nozzle Series



PW-4000
NH
PW-4050
Snap-On



PW-4100
NH
PW-4150
Snap-On

- 7 spray patterns rotating control dial (jet, mist, shower, flat, vertical, soaker, cone)
- Adjustable front spray head for delicate spray
- Ergonomic trigger and grip for more comfortable handle
- Adjustable rear knob for volume control
- Instant lock-on trigger for continuous spray
- High-strength and impact resistant plastic

- Adjustable front spray head for shower and/or mist spray
- Ergonomic trigger and grip for more comfortable handle
- Adjustable rear knob for volume control
- Instant lock-on trigger for continuous spray
- Made from impact-resistant high-strength plastic

Spray Nozzle Series



PW-4200
NH
PW-4250
Snap-On

- 7 spray patterns rotating control dial (jet, mist, shower, flat, vertical, soaker, cone)
- Adjustable front spray head for delicate spray
- Ergonomic trigger and grip for more comfortable handle
- Instant lock-on trigger for continuous spray



PW-4300
NH
PW-4350
Snap-On

- Adjustable front spray head for shower and/or mist spray
- Adjustable front spray head for delicate spray
- Ergonomic trigger and grip for more comfortable handle
- Instant lock-on trigger for continuous spray

Twist Nozzle Series



PW-4710
Snap-On

- Adjustable water pattern from hard jet to fine spray
- Made from impact-resistant high-strength plastic
- Versatile utility for car, house or garden



PW-4730
Snap-On

- Adjustable water pattern from hard jet to fine spray to complete shut-off
- Streamlined design for ergonomic handle

Garden Hose-end Kits

Quick Connect Set



PW-5000
NH
PW-5050
BSP

- PW-2160/2165: 3/4" MHT Hose Connector
- PW-2170/2175: 3/4" FHT Connector w/ Water Stop
- PW-2180/2185: Accessory Adapter
- PW-2190/2195: 3/4" Tap Adapter



Trigger Nozzle w/ Quick Connect Set
PW-5100
NH

- PW-2160: 3/4" MHT Hose Connector
- PW-2170: 3/4" FHT Connector w/ Water Stop
- PW-2180: Accessory Adapter
- PW-2190: 3/4" Tap Adapter
- PW-4000: 7 Pattern Trigger Nozzle

Quick Connect Set



Starter Set

PW-5500

Snap-On

- PW-2120: 1/2" Hose Connector
- PW-2140: 1/2" Hose Connector w/ Water Stop
- PW-2199: 1" x 3/4" Tap Adapter
- PW-4710: Twist Nozzle



Trigger Nozzle w/ Quick Connect Set

PW-5600

Snap-On

- PW-2120: 1/2" Hose Connector
- PW-2140: 1/2" Hose Connector w/ Water Stop
- PW-2185: Accessory Adapter
- PW-2199: 1" x 3/4" Tap Adapter
- PW-4000: 7 Pattern Trigger Nozzle

Battery Operated Controllers



LCD Timer

PW-6200

NH

PW-6250

BSP

- Connects to 3/4" Hose Bib or Y-Ball Valve
- 3/4" FHT inlet; 3/4" MHT outlet
- Powered by two AA batteries
- Large LCD provides outstanding visuals
- Able to freely switch between pre-programmed and manual watering
- 4 groups irrigation plan w/ independent P button for easy viewing of plans
- Delay function on rainy days
- Operating pressure range: 10~120 PSI



Solenoid Valve Timer

PW-6300

NH

PW-6350

BSP

- Connects to 3/4" Hose Bib or Y-Ball Valve
- 3/4" FHT inlet; 3/4" MHT outlet
- Powered by one 9V battery
- Customize w/ 12 Frequency and duration settings
- Both programmed and manual watering options are available
- Precise watering controlled by solenoid valve low battery indicator
- Time delay function lasts up to 12 hours a day
- Operating pressure range: 10~120 PSI
- Compatible with optional Rain Sensor

Sprinklers On Base / Spike



Ball Valve Timer

PW-6400

NH

PW-6450

BSP

- Connects to 3/4" Hose Bib or Y-Ball Valve
- 3/4" FHT inlet; 3/4" MHT outlet
- Powered by two AA batteries
- Customize w/ 12 Frequency and duration settings
- Valve automatically closes at low battery
- Low battery LED indicator
- Time delay function lasts up to 12 hours a day
- Operating pressure range: 15~145 PSI



WiFi Timer Kit

PW-6500 / 6501

NH

PW-6550 / 6551

BSP

- Set and check irrigation schedule through smart phone APP
- Manually rain delay function Manually ON/OFF the water timer
- Irrigation mode and Mist mode for watering
- Low power consumption and low power indicator Build-in filter
- Automatic connected by Bluetooth
- Hub Compatible with Bluetooth Water timers Use with adapter
- Flow meter feature is optional (PW-6501/6551)

Useful Conversion Table

Item	Metric	Imperial		U.S.		
Pressure	1 kPa	0.01 Bar		0.145 PSI		
	100 kPa	1 Bar		14.504 PSI		
	6.895 kPa	0.069 Bar		1 PSI		
	101.325 kPa	0.987 Bar		1 ATM		
Flow Unit	Unit	GPM	L/S	Ac-ft/day	ft ³ /s	m ³ /day
	Gallons per Minute	1	6.309 x 10 ⁻²	4.419 x 10 ⁻³	2.228 x 10 ⁻³	5.45
	Liters per Second	15.85	1	7.005 x 10 ⁻²	3.351 x 10 ⁻²	86.4
	Acre-Feet per Day	226.3	14.28	1	0.5042	1,234
	Cubic Feet per Second	448.8	28.32	1.983	1	2.447
	Cubic Meter per Day	1.369 x 10 ⁹	8.64 x 10 ⁷	6.051 x 10 ⁶	3.051 x 10 ⁶	1
NPT Vs. BSP	Pipe Size	Pitch (Threads/Inch)		Pipe Size	Pitch (Threads/Inch)	
		NPT / NPS	BSP		NPT / NPS	BSP
	1/8"	27	—	3/4"	14	14
	1/8"	27	28	1"	11 1/2	11
	1/4"	18	19	1 1/4"	11 1/2	11
	3/8"	18	19	1 1/2"	11 1/2	11
	1/2"	14	14	2"	11 1/2	11
5/8"	—	14	2 1/2"	8	11	

Plástico

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