

Smart Irrigation,
Creative green lifestyle!

**YUYAO SUN-RAINMAN IRRIGATION EQUIPMENT FACTORY
(YUYAO XINTUO IRRIGATION EQUIPMENT CO.,LTD.)**

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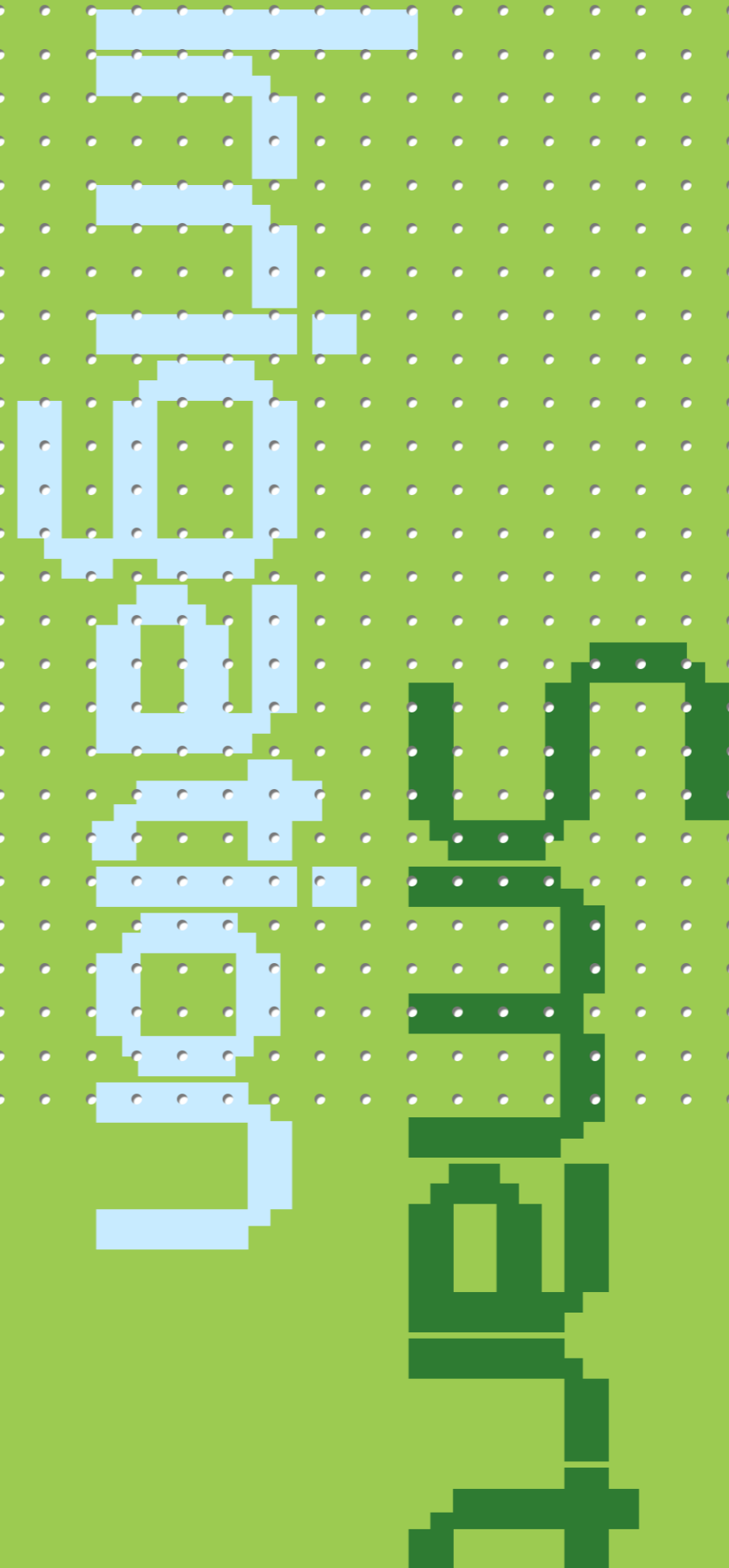
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ABOUT SUN-RAINMAN

The Sun-Rainman factory owns two brands: ZM and INOVATO, founded in 2000. ZM focuses on agricultural irrigation, while INOVATO focuses on landscape irrigation. Our company have a strong R&D department, strict quality control, and offer OEM services.

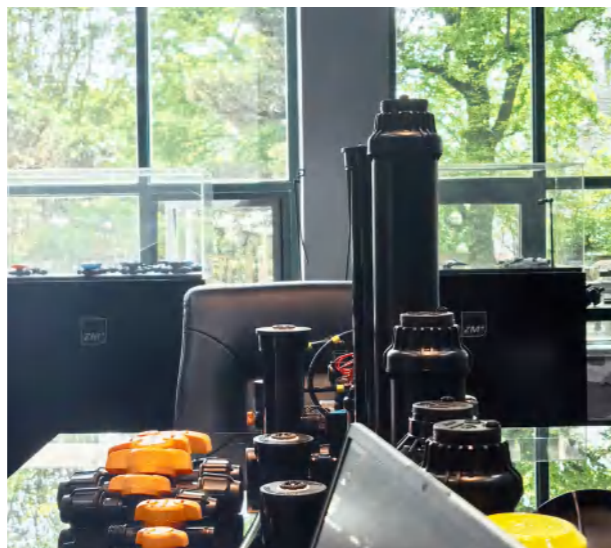
The ZM brand specializes in agricultural irrigation, offering impact sprinklers, drip emitters, micro sprayers, connectors, solenoid valves, filters, and more. Our product line includes drip irrigation systems and spray irrigation systems, aiming to provide high-efficiency solutions and high-quality products for the market.

24 year

Our company was founded in 2000

6800 m²

Our factory spans 6800 square meters



Business Scope



Company Overview

At ZM, we are dedicated to providing high-efficiency irrigation solutions and high-quality products designed to meet the needs of modern agriculture.



Product Range

We offer a comprehensive selection of irrigation equipment, including:

- **Impact Sprinklers:** Engineered for wide coverage and durability.
- **Micro Sprayers:** Ideal for warm house delicate plant irrigation and cooling.
- **Drip Emitters:** Designed to minimize water waste through targeted delivery.
- **Solenoid Valves:** Facilitate automated irrigation control.
- **Filters:** Ensure clean water supply for optimal system performance.
- **Connectors:** Provide quick and durable connections for irrigation pipe systems.



Goals

Our mission is to lead the irrigation market by providing innovative, efficient solutions that improve productivity and sustainability for our customers.

Precision Test & Quality Lab

At Precision Test & Quality Lab, we are committed to upholding the highest standards in irrigation equipment performance and reliability.

Our advanced facility is equipped with QUV aging testing machines, high & low-temperature testing machines, and burst-pressure testing machines to ensure our products meet industry standards and exceed customer expectations.



Experimental Equipment Room



High and low-temperature testing machine



QUV aging testing machine



Depth gauge / Hardness tester

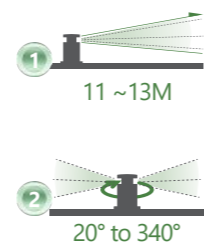
Certificate Display



Plastic Impact Sprinkler



SRPIR01



PRODUCT INFORMATION

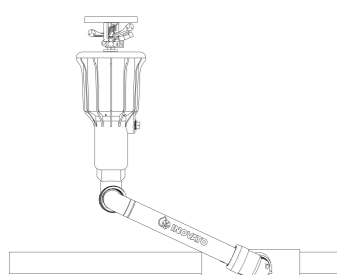
- Inlet size: 1/2" or 3/4" Female
- Application: Residential/Commercial
- Product Name: Pop-Up Impact Sprinkler

FEATURES

- Heavy-duty plastic case with sturdy, reinforced ribbed design;
- Self-flushing inner trip with improved inner trip lever;
- Energy efficient, low-pressure and low-gallage operation;
- Side inlet installation is not recommended in freezing climates;
- Combination 1/2" or 3/4" female bottom inlet;
- Double-weighted arm for slower rotation and increased distance of throw.
- Full-circle or adjustable arc 20° to 340°;
- Distance controller diffuser pin;
- FP trip for full- or part-circle operation;
- Inlet screen filter;
- Multi-function, pressure-activated wiper seal.

PERFORMANCE DATA

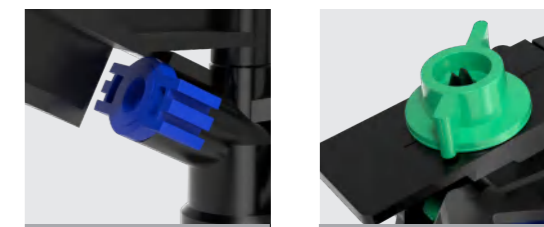
Nozzle Size	mm	2.8(Orange)			3.0(Red)			3.2(Green)			3.5(Blue)			4.0(Black)		
		2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0
Pre.	bar	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0
Flow Rate	m ³ /h	0.45	0.55	0.63	0.36	0.51	0.63	0.41	0.57	0.70	0.49	0.66	0.81	0.60	0.85	1.03
Rad.	m	11.0	11.5	12.0	9.50	11.5	12.0	10.0	11.5	12.0	10.0	11.5	12.0	10.5	12.0	13.0



SUPER RAIN MODELS

Nozzle Size	SRPIR0107	SRPIR0107*	SRPIR0108	SRPIR0109	SRPIR0110
mm	7/64"	0.118"	1/8"	9/64"	5/32"
	2.8	3.0	3.2	3.5	4.0
Extra Choice	(blank) = No option				

8427



OPERATING RANGE

- Working Pressure: 2.0-4.0bar
- Flow Rate: 0.45-1.03m³/h
- Spray Radius: 11-13m

APPLICATIONS

USAGE

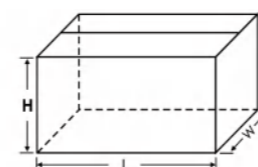
- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

- Made of plastic debris;
- Stainless steel springs and fulcrum pin 20 to 340 arc or full circle operation Anti-backsplash drive arm;
- Adjustable deflector plate;
- 20 to 340 arc or full circle operation;
- 1/2" Male thread.

PERFORMANCE DATA

Nozzle Size	mm	2.8(Orange)			3.0(Red)			3.2(Green)			3.5(Blue)			4.0(Black)		
		2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0
Pre.	bar	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0
Flow Rate	m ³ /h	0.45	0.55	0.63	0.36	0.51	0.63	0.41	0.57	0.70	0.49	0.66	0.81	0.60	0.85	1.03
Rad.	m	11.0	11.5	12.0	9.50	11.5	12.0	10.0	11.5	12.0	10.0	11.5	12.0	10.5	12.0	13.0



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8427	50	3.55Kgs	4.1Kgs	49x38x14	0.03

8036



OPERATING RANGE

- Working Pressure: 1.75-4.2bar
- Flow Rate: 0.8-4.6m³/h
- Spray Radius: 13.25-18m

APPLICATIONS

USAGE

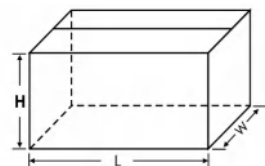
- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

- Made of plastic debris;
- Stainless steel springs and fulcrum pin 3/4" heavy-duty plastic impact sprinkler;
- Dual nozzle design provides outstanding uniformity;
- Colour-coded nozzles for easy and quick cleaning or replacement even while operating;
- Full or part circle coverage.

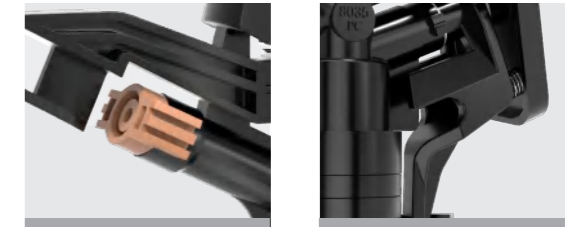
PERFORMANCE DATA

Nozzle Size	Bars	1.75	2.10	2.46	3.16	3.51	4.21	Nozzle Size	Bars	1.75	2.10	2.46	3.16	3.51	4.21
9/64"-3.57 mm	m ³ /h	0.66	0.72	0.77	0.87	0.92	0.99	9/64"x3/32"	m ³ /h	0.92	1.00	1.09	1.25	1.33	1.44
	mts.	26.2	27.0	27.6	28.4	28.8	29.4	(3.57 x 2.38mm)	mts.	26.0	26.6	27.2	28.2	28.4	29.0
5/32"-3.96 mm	m ³ /h	0.80	0.87	0.94	1.07	1.13	1.23	5/32"x3/32"	m ³ /h	1.10	1.20	0.94	1.47	1.55	1.70
	mts.	27.8	28.8	29.4	30.2	30.6	31.2	(3.96 x 2.38mm)	mts.	27.6	28.4	29.4	30.0	30.2	30.8
11/64"-4.36 mm	m ³ /h	0.96	1.05	1.14	1.29	1.36	1.49	11/64"x3/32"	m ³ /h	1.25	1.38	1.14	1.69	1.79	1.95
	mts.	29.4	30.0	30.6	31.4	33.0	32.4	(4.36 x 2.38mm)	mts.	29.0	29.6	30.6	31.2	31.4	32.0
3/16"-4.76 mm	m ³ /h	1.14	1.25	1.36	1.55	1.63	1.78	3/16"x1/8"	m ³ /h	1.68	1.85	1.36	2.29	2.41	2.63
	mts.	30.0	31.0	31.0	32.0	33.0	33.0	(4.76 x 3.17mm)	mts.	29.0	30.0	31.0	32.0	32.0	33.0
13/64"-5.15 mm	m ³ /h	1.34	1.48	1.61	1.83	1.93	2.09	13/64"x1/8"	m ³ /h	1.88	2.08	1.61	2.57	2.70	2.95
	mts.	30.8	31.4	32.0	33.2	33.8	34.8	(5.15 x 3.17mm)	mts.	30.2	30.8	32.0	32.6	33.2	34.2
7/32"-5.55 mm	m ³ /h	1.55	1.72	1.88	2.14	2.24	2.41	7/32"x1/8"	m ³ /h	2.10	2.32	1.88	2.88	3.02	3.27
	mts.	31.2	32.0	33.0	34.8	35.6	36.8	(5.55 x 3.17mm)	mts.	30.6	31.4	33.0	34.2	35.0	36.2



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L x W x H (cm)	M ³
8036	40	7.58Kgs	8.22Kgs	40x40x17	0.03

8035PC



OPERATING RANGE

- Working Pressure: 3.0-5.0bar
- Flow Rate: 0.73-3.0m³/h
- Spray Radius: 13.25-18m

APPLICATIONS

USAGE

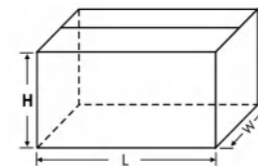
- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

- Made of plastic debris;
- Stainless steel springs and fulcrum pin 3/4" heavy-duty plastic impact sprinkler;
- Dual nozzle design provides outstanding uniformity;
- Colour-coded nozzles for easy and quick cleaning or replacement even while operating;
- Part circle coverage.

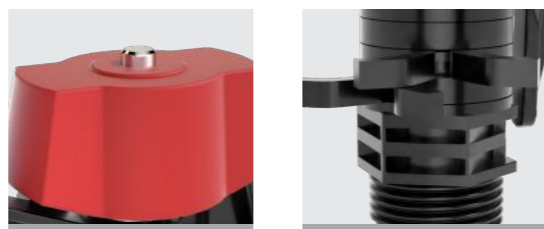
PERFORMANCE DATA

Nozzle Size	mm	3.5(Blue)			4.0(Black)			4.5(Brown)			5.0(Purple)			5.5(Orange)			6.0(Red)		
		Pre.	Flow Rate	Rad.	Pre.	Flow Rate	Rad.	Pre.	Flow Rate	Rad.	Pre.	Flow Rate	Rad.	Pre.	Flow Rate	Rad.	Pre.	Flow Rate	Rad.
	bar	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0
	m ³ /h	0.81	0.93	1.02	1.06	1.22	1.35	1.29	1.50	1.65	1.60	1.85	2.10	1.95	2.25	2.50	2.30	2.70	3.00
	m	13.25	13.75	14.0	14.0	14.5	14.75	14.25	15.0	16.5	15.0	16.75	17.0	16.0	17.25	18.0	16.5	17.25	18.0



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L x W x H (cm)	M ³
8035PC	40	6.03Kgs	6.67Kgs	40x40x17	0.03

8035PCSD



OPERATING RANGE

- Working Pressure: 3.0-5.0bar
- Flow Rate: 0.73-3.0m³/h
- Spray Radius: 13.25-18m

APPLICATIONS

USAGE

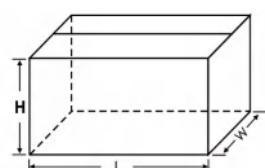
- Designed for agricultural use in solid set, Can also be used in landscape irrigation

FEATURES

- Made of plastic debris;
- Stainless steel springs and fulcrum pin 3/4" heavy-duty plastic impact sprinkle;
- Dual nozzle design provides outstanding uniformity;
- Colour-coded nozzles for easy and quick cleaning or replacement even while operating;
- Part circle coverage.

PERFORMANCE DATA

Nozzle Size	mm	3.5(Blue)			4.0(Black)			4.5(Brown)			5.0(Purple)			5.5(Orange)			6.0(Red)		
		3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0
Pre.	bar	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0
Flow Rate	m ³ /h	0.81	0.93	1.02	1.06	1.22	1.35	1.29	1.50	1.65	1.60	1.85	2.10	1.95	2.25	2.50	2.30	2.70	3.00
Rad.	m	13.25	13.75	14.0	14.0	14.5	14.75	14.25	15.0	16.5	15.0	16.75	17.0	16.0	17.25	18.0	16.5	17.25	18.0



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8035PCSD	40	6.05Kgs	6.8Kgs	40x40x17	0.03

8022



OPERATING RANGE

- Working Pressure: 2.0-4.0bar
- Flow Rate: 0.36-1.58m³/h
- Spray Radius: 10.25-12.75m

APPLICATIONS

USAGE

- Designed for agricultural use in solid set, Can also be used in landscape irrigation

FEATURES

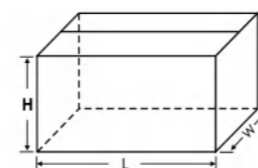
- Made of plastic debris;
- Stainless steel springs and fulcrum Pin;
- 1/2" Male thread.
- Dual nozzle design provides outstanding uniformity;
- Colour-coded nozzles for easy and quick cleaning or replacement even while operating.

PERFORMANCE DATA

Nozzle Size	mm	2.3x1.8(Grey)		2.5x1.8(Purple)		2.8x1.8(Orange)		3.0x1.8(Red)		3.2x1.8(Green)		3.5x2.5(Blue)		4.0x2.5(Black)	
		2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0
Pre.	bar	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0
Flow Rate	m ³ /h	0.510	0.580	0.580	0.630	0.690	0.760	0.760	0.840	0.820	0.900	1.060	1.160	1.260	1.380
Rad.	m	11.00	11.00	10.50	10.50	11.00	11.00	11.00	11.50	11.50	12.00	12.25	12.50	12.50	12.75

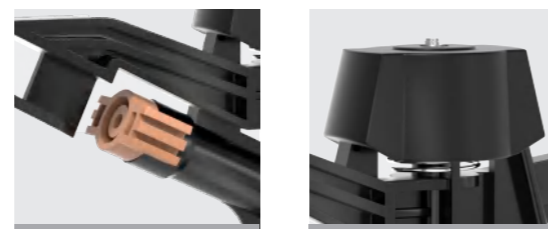
Nozzle Size	mm	2.3x1.8(Grey)		2.5x1.8(Purple)		2.8x1.8(Orange)		3.0x1.8(Red)		3.2x1.8(Green)		3.5x2.5(Blue)		4.0x2.5(Black)	
		3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0
Pre.	bar	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0
Flow Rate	m ³ /h	0.600	0.640	0.670	0.720	0.820	0.860	0.900	0.970	0.980	1.040	1.240	1.330	1.480	1.580
Rad.	m	11.00	11.00	10.50	10.75	11.00	11.00	11.50	11.50	12.00	12.00	12.75	13.00	13.00	13.25

Nozzle Size	mm	2.3(Grey)			2.4(Yellow)			2.5(Purple)			2.8(Orange)			3.0(Red)			3.2(Green)			3.5(Blue)			4.0(Black)		
		2.0	3.0	4.0	2.5	3.0	3.5	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0		
Pre.	bar	2.0	3.0	4.0	2.5	3.0	3.5	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0		
Flow Rate	m ³ /h	0.33	0.39	0.46	0.36	0.39	0.43	0.46	0.35	0.43	0.49	0.45	0.55	0.63	0.51	0.53	0.72	0.57	0.70	0.81	0.66	0.81	0.93		
Rad.	m	10.75	11.00	11.00	9.50	9.50	10.00	10.50	10.75	11.00	11.00	10.75	11.50	12.00	11.50	12.25	12.50	11.75	12.25	12.50	12.50	13.00	13.00	13.00	



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8022	75	3.8Kgs	4.2Kgs	48.5x25.5x13	0.02

8035



OPERATING RANGE

- Working Pressure: 3.0-5.0bar
- Flow Rate: 0.73-4.6m³/h
- Spray Radius: 13.25-18.00m

APPLICATIONS

USAGE

- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

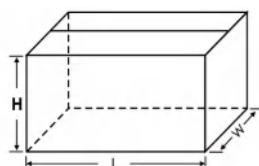
FEATURES

- Made of plastic debris;
- Stainless steel springs and fulcrum pin 3/4" heavy-duty plastic impact sprinkler;
- Dual nozzle design provides outstanding uniformity;
- Colour-coded nozzles for easy and quick cleaning or replacement even while operating.

PERFORMANCE DATA

Nozzle Size	mm	3.5x2.5(Blue)			4.0x2.5(Black)			4.5x2.5(Brown)			5.0x2.5(Purple)			5.5x2.5(Orange)								
		Pre.	bar	Flow Rate1	Flow Rate2	Rad.	Pre.	bar	Flow Rate1	Flow Rate2	Rad.	Pre.	bar	Flow Rate1	Flow Rate2	Rad.	Pre.	bar	Flow Rate1	Flow Rate2	Rad.	
		3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0
		0.84	0.93	1.02	1.06	1.22	1.35	1.29	1.50	1.65	1.60	1.85	2.10	1.95	2.25	2.50	1.95	2.25	2.50	1.95	2.25	2.50
		1.16	1.33	1.47	1.41	1.62	1.80	1.64	1.90	2.10	1.95	2.25	2.55	2.30	2.65	2.95	2.30	2.65	2.95	2.30	2.65	2.95
		13.25	13.75	14.00	14.00	14.50	14.75	14.25	15.00	16.50	15.00	16.75	17.00	16.00	17.25	18.00	16.00	17.25	18.00	16.00	17.25	18.00

Nozzle Size	mm	6.0x2.5(Red)			6.5x2.5(Grey)			6.5x3.2(Grey))			7.0x2.5(Green)			7.0x3.2(Green)								
		Pre.	bar	Flow Rate1	Flow Rate2	Rad.	Pre.	bar	Flow Rate1	Flow Rate2	Rad.	Pre.	bar	Flow Rate1	Flow Rate2	Rad.	Pre.	bar	Flow Rate1	Flow Rate2	Rad.	
		3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0
		2.30	2.70	3.00	2.70	3.10	3.50	2.70	3.10	3.50	3.30	3.50	3.90	3.30	3.50	3.90	3.30	3.50	3.90	3.30	3.50	3.90
		2.65	3.10	3.45	3.00	3.45	3.85	3.20	3.70	4.15	3.40	3.90	4.35	3.55	4.10	4.60	3.55	4.10	4.60	3.55	4.10	4.60
		16.50	17.75	18.00	17.00	18.00	19.00	17.00	18.00	19.00	17.00	17.50	18.00	17.10	17.80	18.00	17.10	17.80	18.00	17.10	17.80	18.00



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8035	50	6Kgs	6.5Kgs	40x40x17	0.03

8037



OPERATING RANGE

- Working Pressure: 2.0-5.0bar
- Flow Rate: 0.73-4.6m³/h
- Spray Radius: 13.25-18m

APPLICATIONS

USAGE

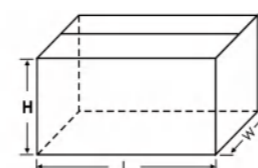
- General field use on solid set or fixed irrigation system.

FEATURES

- Nozzles available in plastic or brass;
- 3/4" Heavy-duty plastic impact sprinkler;
- Dual nozzle design provides outstanding uniformity;
- Sand and dust sleeve protection for reliable operation and durability.
- Made of plastic debris;
- Stainless steel parts;
- 3/4" male pipe thread connection.

PERFORMANCE DATA

Nozzle Size	Bars	1.75	2.10	2.46	3.16	3.51	4.21	Nozzle Size	Bars	1.75	2.10	2.46	3.16	3.51	4.21
		m ³ /h	mts.	m ³ /h	mts.	m ³ /h	mts.			m ³ /h	mts.	m ³ /h	mts.	m ³ /h	mts.
9/64"-3.57 mm	m ³ /h	0.66	0.72	0.77	0.87	0.92	0.99	9/64"x3/32"	m ³ /h	0.92	1.00	1.09	1.25	1.33	1.44
	mts.	26.2	27.0	27.6	28.4	28.8	29.4	(3.57 x 2.38mm)	mts.	26.0	26.6	27.2	28.2	28.4	29.0
5/32"-3.96 mm	m ³ /h	0.80	0.87	0.94	1.07	1.13	1.23	5/32"x3/32"	m ³ /h	1.10	1.20	0.94	1.47	1.55	1.70
	mts.	27.8	28.8	29.4	30.2	30.6	31.2	(3.96 x 2.38mm)	mts.	27.6	28.4	29.4	30.0	30.2	30.8
11/64"-4.36 mm	m ³ /h	0.96	1.05	1.14	1.29	1.36	1.49	11/64"x3/32"	m ³ /h	1.25	1.38	1.14	1.69	1.79	1.95
	mts.	29.4	30.0	30.6	31.4	33.0	32.4	(4.36 x 2.38mm)	mts.	29.0	29.6	30.6	31.2	31.4	32.0
3/16"-4.76 mm	m ³ /h	1.14	1.25	1.36	1.55	1.63	1.78	3/16"x1/8"	m ³ /h	1.68	1.85	1.36	2.29	2.41	2.63
	mts.	30.0	31.0	31.0	32.0	33.0	33.0	(4.76 x 3.17mm)	mts.	29.0	30.0	31.0	32.0	32.0	33.0
13/64"-5.15 mm	m ³ /h	1.34	1.48	1.61	1.83	1.93	2.09	13/64"x1/8"	m ³ /h	1.88	2.08	1.61	2.57	2.70	2.95
	mts.	30.8	31.4	32.0	33.2	33.8	34.8	(5.15 x 3.17mm)	mts.	30.2	30.8	32.0	32.6	33.2	34.2
7/32"-5.55 mm	m ³ /h	1.55	1.72	1.88	2.14	2.24	2.41	7/32"x1/8"	m ³ /h	2.10	2.32	1.88	2.88	3.02	3.27
	mts.	31.2	32.0	33.0	34.8	35.6	36.8	(5.55 x 3.17mm)	mts.	30.6	31.4	33.0	34.2	35.0	36.2



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8037	50	7.89Kgs	8.53Kgs	40x40x17	0.03

8022N



OPERATING RANGE

- Working Pressure: 2.0-4.0bar
- Flow Rate: 0.36-1.58m³/h
- Spray Radius: 10.25-12.75m

APPLICATIONS

USAGE

- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

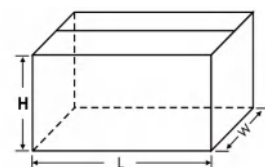
- Made of plastic debris;
- Dual nozzle design provides outstanding uniformity;
- 1/2" Male thread.
- Colour-coded nozzles for easy and quick cleaning or replacement even while operating.

PERFORMANCE DATA

Nozzle Size	mm	2.3x1.8(Grey)		2.5x1.8(Purple)		2.8x1.8(Orange)		3.0x1.8(Red)		3.2x1.8(Green)		3.5x2.5(Blue)		4.0x2.5(Black)	
Pre.	bar	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0
Flow Rate	m ³ /h	0.510	0.580	0.580	0.630	0.690	0.760	0.760	0.840	0.820	0.900	1.060	1.160	1.260	1.380
Rad.	m	11.00	11.00	10.50	10.50	11.00	11.00	11.00	11.50	11.50	12.00	12.25	12.50	12.50	12.75

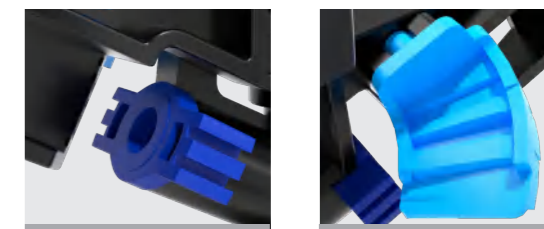
Nozzle Size	mm	2.3x1.8(Grey)		2.5x1.8(Purple)		2.8x1.8(Orange)		3.0x1.8(Red)		3.2x1.8(Green)		3.5x2.5(Blue)		4.0x2.5(Black)	
Pre.	bar	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0
Flow Rate	m ³ /h	0.600	0.640	0.670	0.720	0.820	0.860	0.900	0.970	0.980	1.040	1.240	1.330	1.480	1.580
Rad.	m	11.00	11.00	10.50	10.75	11.00	11.00	11.50	11.50	12.00	12.00	12.75	13.00	13.00	13.25

Nozzle Size	mm	2.3(Grey)			2.4(Yellow)			2.5(Purple)			2.8(Orange)			3.0(Red)			3.2(Green)			3.5(Blue)			4.0(Black)			
Pre.	bar	2.0	3.0	4.0	2.5	3.0	3.5	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0
Flow Rate	m ³ /h	0.33	0.39	0.46	0.36	0.39	0.43	0.46	0.35	0.43	0.49	0.45	0.55	0.63	0.51	0.53	0.72	0.57	0.70	0.81	0.66	0.81	0.93	0.66	0.81	0.93
Rad.	m	10.75	11.00	11.00	9.50	9.50	10.00	10.50	10.75	11.00	11.00	10.75	11.50	12.00	11.50	12.25	12.50	11.75	12.25	12.50	12.50	13.00	13.00	12.50	13.00	13.00



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8022N	75	3.18Kgs	3.53Kgs	48.5x25.5x13	0.02

8022SD



OPERATING RANGE

- Working Pressure: 2.0-4.0bar
- Flow Rate: 0.36-1.58m³/h
- Spray Radius: 10.25-12.75m

APPLICATIONS

USAGE

- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

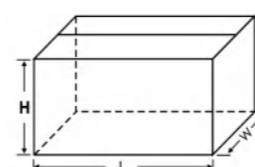
- Made of plastic debris;
- Dual nozzle design provides outstanding uniformity;
- 1/2" Male thread.
- Stainless steel springs and fulcrum pin;
- Colour-coded nozzles for easy and quick cleaning or replacement even while operating.

PERFORMANCE DATA

Nozzle Size	mm	2.3x1.8(Grey)		2.5x1.8(Purple)		2.8x1.8(Orange)		3.0x1.8(Red)		3.2x1.8(Green)		3.5x2.5(Blue)		4.0x2.5(Black)	
Pre.	bar	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0
Flow Rate	m ³ /h	0.510	0.580	0.580	0.630	0.690	0.760	0.760	0.840	0.820	0.900	1.060	1.160	1.260	1.380
Rad.	m	11.00	11.00	10.50	10.50	11.00	11.00	11.00	11.50	11.50	12.00	12.25	12.50	12.50	12.75

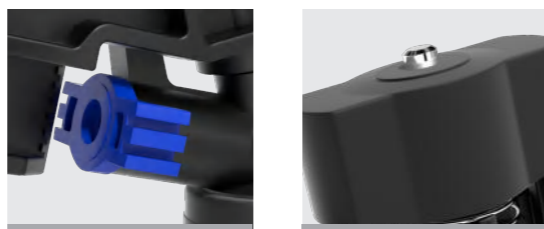
Nozzle Size	mm	2.3x1.8(Grey)		2.5x1.8(Purple)		2.8x1.8(Orange)		3.0x1.8(Red)		3.2x1.8(Green)		3.5x2.5(Blue)		4.0x2.5(Black)	
Pre.	bar	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0
Flow Rate	m ³ /h	0.600	0.640	0.670	0.720	0.820	0.860	0.900	0.970	0.980	1.040	1.240	1.330	1.480	1.580
Rad.	m	11.00	11.00	10.50	10.75	11.00	11.00	11.50	11.50	12.00	12.00	12.75	13.00	13.00	13.25

Nozzle Size	mm	2.3(Grey)			2.4(Yellow)			2.5(Purple)			2.8(Orange)			3.0(Red)			3.2(Green)			3.5(Blue)			4.0(Black)			
Pre.	bar	2.0	3.0	4.0	2.5	3.0	3.5	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0
Flow Rate	m ³ /h	0.33	0.39	0.46	0.36	0.39	0.43	0.46	0.35	0.43	0.49	0.45	0.55	0.63	0.51	0.53	0.72	0.57	0.70	0.81	0.66	0.81	0.93	0.66	0.81	0.93
Rad.	m	10.75	11.00	11.00	9.50	9.50	10.00	10.50	10.75	11.00	11.00	10.75	11.50	12.00	11.50	12.25	12.50	11.75	12.25	12.50	12.50	13.00	13.00	12.50	13.00	13.00



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8022SD	75	4.13Kgs	4.48Kgs	48.5x25.5x13	0.02

8023



OPERATING RANGE

- Working Pressure: 2.0-4.0bar
- Flow Rate: 0.35-0.93m³/h
- Spray Radius: 8.25-11.00m

APPLICATIONS

USAGE

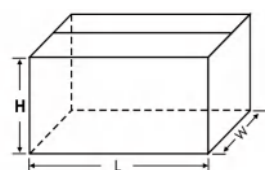
- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

- Made of plastic debris;
- Stainless steel springs and fulcrum pin;
- Colour-coded nozzles for easy and quick cleaning or replacement even while operating;
- Low angle design special for banana irrigation;
- 1/2" Male thread.

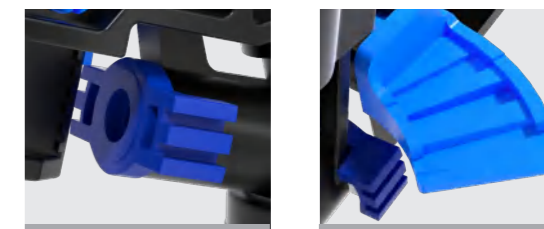
PERFORMANCE DATA

Nozzle Size	mm	2.5 (Purple)			2.8 (Orange)			3.0 (Red)			3.2 (Green)			3.5 (Blue)		
		2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0
Pre.	bar	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0
Flow Rate	m ³ /h	0.35	0.43	0.49	0.45	0.55	0.63	0.51	0.63	0.72	0.57	0.70	0.81	0.66	0.81	0.93
Rad.	m	8.25	9.25	10.00	9.25	10.00	10.50	9.25	10.25	10.75	9.25	10.25	11.00	9.25	10.25	11.00



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8023	75	3.56Kgs	3.91Kgs	48.5x25.5x13	0.02

8023SD



OPERATING RANGE

- Working Pressure: 2.0-4.0bar
- Flow Rate: 0.35-0.93m³/h
- Spray Radius: 8.25-11.00m

APPLICATIONS

USAGE

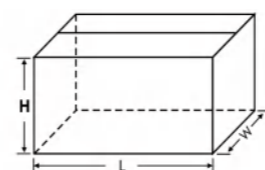
- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

- Made of plastic debris;
- Stainless steel springs and fulcrum pin;
- Colour-coded nozzles for easy and quick cleaning or replacement even while operating;
- Low angle design special for banana irrigation;
- 1/2" Male thread.

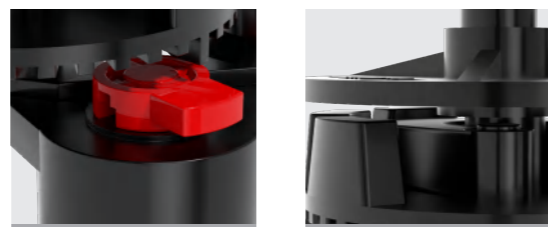
PERFORMANCE DATA

Nozzle Size	mm	2.5 (Purple)			2.8 (Orange)			3.0 (Red)			3.2 (Green)			3.5 (Blue)		
		2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0
Pre.	bar	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0
Flow Rate	m ³ /h	0.35	0.43	0.49	0.45	0.55	0.63	0.51	0.63	0.72	0.57	0.70	0.81	0.66	0.81	0.93
Rad.	m	8.25	9.25	10.00	9.25	10.00	10.50	9.25	10.25	10.75	9.25	10.25	11.00	9.25	10.25	11.00



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8023SD	75	3.83Kgs	4.18Kgs	50x25.5x13	0.02

8501



OPERATING RANGE

- Working Pressure: 1.0-3.0bar
- Flow Rate: 0.08-0.27m³/h
- Spray Radius: 4.25-7.5m

APPLICATIONS

USAGE

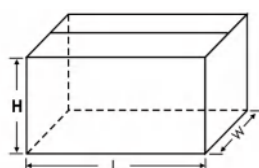
- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

- Made of plastic debris;
- Turbo hammer mechanism provides excellent water distribution uniformity and smooth operation at low pressure rate;
- Colour-coded nozzles for easy identification;
- High impact heavy-duty plastic materials provide resistance to corrosion, 1/2" Male thread or 1/2" Female thread.

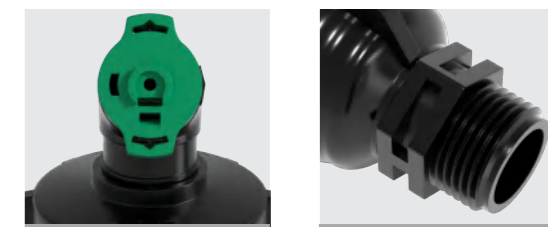
PERFORMANCE DATA

Nozzle Size	mm	1.6 (Red)			1.8 (Green)			2.0 (Blue)			2.2 (Yellow)		
		1.0	2.0	3.0	1.0	2.0	3.0	1.0	2.0	3.0	1.0	2.0	3.0
Pre.	bar	1.0	2.0	3.0	1.0	2.0	3.0	1.0	2.0	3.0	1.0	2.0	3.0
Flow Rate	m ³ /h	0.081	0.117	0.144	0.113	0.16	0.196	0.135	0.195	0.236	0.153	0.22	0.267
Rad.	m	4.25	5.50	6.00	4.50	5.75	6.25	4.75	5.75	6.50	4.75	6.50	7.50



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8501	250	9.45Kgs	10.09Kgs	40x40x17	0.03

8503



OPERATING RANGE

- Working Pressure: 2.5-4.0bar
- Flow Rate: 0.36-0.82m³/h
- Spray Radius: 8.25-10.5m

APPLICATIONS

USAGE

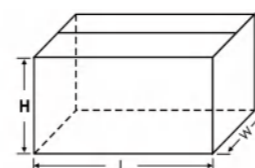
- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

- Made of plastic debris; 1/2" Male thread;
- Extra-range, ball driven sprinkler; Compact, Sturdy closed protected ball engine;
- Colour-coded bayonet nozzles for easy identification; High water distribution;
- High impact heavy-duty plastic materials provide resistance to corrosion, chemicals and UV.

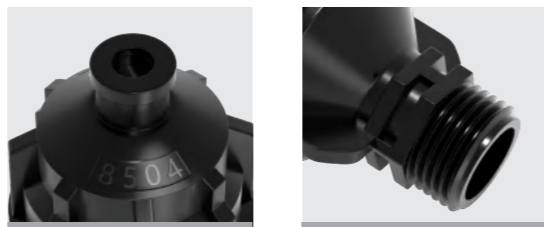
PERFORMANCE DATA

Nozzle Size	mm	Blue				Yellow				Green				Red				Brown			
		2.5	3.0	3.5	4.0	2.5	3.0	3.5	4.0	2.5	3.0	3.5	4.0	2.5	3.0	3.5	4.0	2.5	3.0	3.5	4.0
Pre.	bar	2.5	3.0	3.5	4.0	2.5	3.0	3.5	4.0	2.5	3.0	3.5	4.0	2.5	3.0	3.5	4.0	2.5	3.0	3.5	4.0
Flow Rate	m ³ /h	0.360	0.395	0.425	0.455	0.450	0.495	0.530	0.570	0.550	0.600	0.650	0.695	0.670	0.710	0.770	0.820	0.320	0.350	0.380	0.405
Rad.	m	17.0	17.0	16.5	16.5	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	21.0	21.0	21.0	21.0	16.0	16.0	16.0	16.0



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8503	250	9.56Kgs	10.16Kgs	47x35x25	0.04

8504



OPERATING RANGE

- Working Pressure: 2.0-4.0bar
- Flow Rate: 0.15-0.36m³/h
- Spray Radius: 6.7-8.5m

APPLICATIONS

USAGE

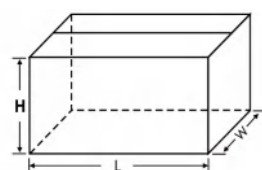
- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

- Made of plastic debris;
- Compact, Sturdy closed protected ball engine;
- Uniform water distribution at low pressure and precipitation rate;
- Colour-coded low trajectory nozzles for easy operation and service; insect pop-up, pop-down nozzle.
- 1/2" Male thread.

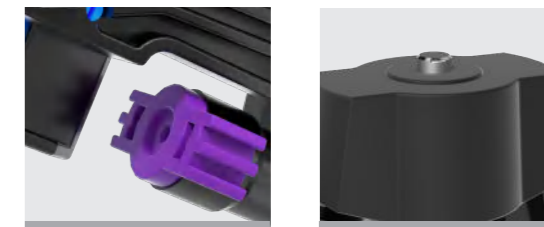
PERFORMANCE DATA

Nozzle Size	mm	Blue			Yellow			Purple			Black		
		2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0
Pre.	bar	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0	2.0	3.0	4.0
Flow Rate	m ³ /h	0.150	0.170	0.190	0.190	0.220	0.260	0.260	0.300	0.340	0.280	0.320	0.360
Rad.	m	13.4	14.0	14.6	13.6	15.6	15.8	14.0	16.0	17.0	14.4	16.4	16.4



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8504	250	9.37Kgs	9.99Kgs	40x40x17	0.03

8035SD



OPERATING RANGE

- Working Pressure: 3.0-5.0bar
- Flow Rate: 0.73-4.6m³/h
- Spray Radius: 13.25-18.00m

APPLICATIONS

USAGE

- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

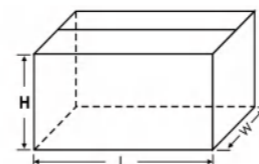
FEATURES

- Made of plastic debris;
- Stainless steel springs and fulcrum pin 3/4" heavy-duty plastic impact sprinkler;
- Dual nozzle design provides outstanding uniformity;
- Colour-coded nozzles for easy and quick cleaning or replacement even while operating.

PERFORMANCE DATA

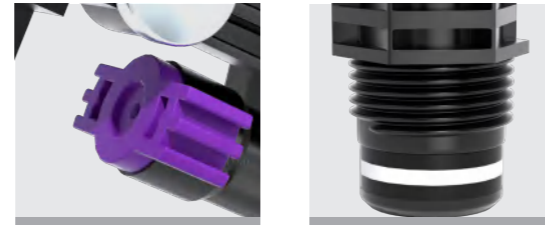
Nozzle Size	mm	3.5x2.5(Blue)			4.0x2.5(Black)			4.5x2.5(Brown)			5.0x2.5(Purple)			5.5x2.5(Orange)		
		3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0
Pre.	bar	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0
Flow Rate1	m ³ /h	0.84	0.93	1.02	1.06	1.22	1.35	1.29	1.50	1.65	1.60	1.85	2.10	1.95	2.25	2.50
Flow Rate2	m ³ /h	1.16	1.33	1.47	1.41	1.62	1.80	1.64	1.90	2.10	1.95	2.25	2.55	2.30	2.65	2.95
Rad.	m	13.25	13.75	14.00	14.00	14.50	14.75	14.25	15.00	16.50	15.00	16.75	17.00	16.00	17.25	18.00

Nozzle Size	mm	6.0x2.5(Red)			6.5x2.5(Grey)			6.5x3.2(Grey))			7.0x2.5(Green)			7.0x3.2(Green)		
		3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0
Pre.	bar	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0
Flow Rate1	m ³ /h	2.30	2.70	3.00	2.70	3.10	3.50	2.70	3.10	3.50	3.30	3.50	3.90	3.30	3.50	3.90
Flow Rate2	m ³ /h	2.65	3.10	3.45	3.00	3.45	3.85	3.20	3.70	4.15	3.40	3.90	4.35	3.55	4.10	4.60
Rad.	m	16.50	17.75	18.00	17.00	18.00	19.00	17.00	18.00	19.00	17.00	17.50	18.00	17.10	17.80	18.00



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8035SD	50	5.84Kgs	6.4Kgs	40x40x17	0.03

8035M



OPERATING RANGE

- Working Pressure: 3.0-5.0bar
- Flow Rate: 0.73-4.6m³/h
- Spray Radius: 13.25-18.00m

APPLICATIONS

USAGE

- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

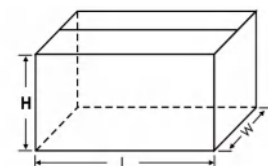
FEATURES

- Made of plastic debris;
- Stainless steel springs and fulcrum pin 3/4" heavy-duty plastic impact sprinkler;
- Dual nozzle design provides outstanding uniformity;
- Colour-coded nozzles for easy and quick cleaning or replacement even while operating.

PERFORMANCE DATA

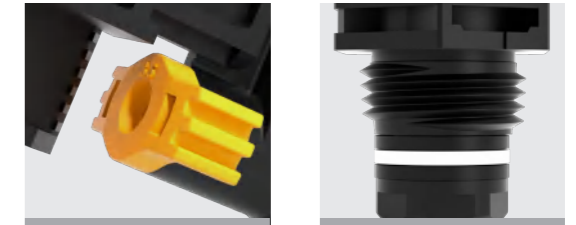
Nozzle Size	mm	3.5x2.5(Blue)			4.0x2.5(Black)			4.5x2.5(Brown)			5.0x2.5(Purple)			5.5x2.5(Orange)					
		Pre.	bar	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	
Flow Rate1	m ³ /h	0.84	0.93	1.02	1.06	1.22	1.35	1.29	1.50	1.65	1.60	1.85	2.10	1.95	2.25	2.50	2.30	2.65	2.95
Flow Rate2	m ³ /h	1.16	1.33	1.47	1.41	1.62	1.80	1.64	1.90	2.10	1.95	2.25	2.55	2.30	2.65	2.95			
Rad.	m	13.25	13.75	14.00	14.00	14.50	14.75	14.25	15.00	16.50	15.00	16.75	17.00	16.00	17.25	18.00			

Nozzle Size	mm	6.0x2.5(Red)			6.5x2.5(Grey)			6.5x3.2(Grey))			7.0x2.5(Green)			7.0x3.2(Green)					
		Pre.	bar	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	
Flow Rate1	m ³ /h	2.30	2.70	3.00	2.70	3.10	3.50	2.70	3.10	3.50	3.30	3.50	3.90	3.30	3.50	3.90			
Flow Rate2	m ³ /h	2.65	3.10	3.45	3.00	3.45	3.85	3.20	3.70	4.15	3.40	3.90	4.35	3.55	4.10	4.60			
Rad.	m	16.50	17.75	18.00	17.00	18.00	19.00	17.00	18.00	19.00	17.00	17.50	18.00	17.10	17.80	18.00			



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8035M	50	7.46Kgs	8.1Kgs	40x40x17	0.03

8024



OPERATING RANGE

- Working Pressure: 2.0-4.0bar
- Flow Rate: 0.48-1.01m³/h
- Spray Radius: 9.25-11.75m

APPLICATIONS

USAGE

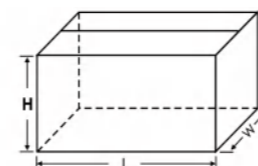
- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

- Made of plastic debris;
- Stainless steel springs and fulcrum pin high resistance to breakage, corrosion and UV radiation 12 for optimum irrigation of the plantation, without wetting the fruit;
- Colour-coded bayonet nozzle for easy operation;
- 1/2" Male thread.

PERFORMANCE DATA

Nozzle Size	mm	2.8mm(Orange)				3.0mm(Red)				3.2mm(Green)				3.5mm(Blue)											
		Pre.	bar	2.0	2.5	3.0	3.5	4.0	2.0	2.5	3.0	3.5	4.0	2.0	2.5	3.0	3.5	4.0	2.0	2.5	3.0	3.5	4.0		
Flow Rate	m ³ /h	0.480	0.530	0.584	0.630	0.675	0.725	0.775	0.825	0.875	0.925	0.975	1.025	0.640	0.700	0.765	0.815	0.865	0.915	0.965	1.010				
Rad.	m	9.25	9.75	10.25	10.50	10.50	9.75	10.50	10.50	11.00	11.25	10.00	10.50	11.00	11.25	11.75	10.50	10.75	11.50	11.75	11.75				



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8024	50	3.93Kgs	4.32Kgs	53x28x13.5	0.022

8024SD



OPERATING RANGE

- Working Pressure: 2.0-4.0bar
- Flow Rate: 0.48-1.01m³/h
- Spray Radius: 9.25-11.75m

APPLICATIONS

USAGE

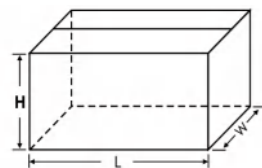
- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

- Made of plastic debris;
- Stainless steel springs and fulcrum pin 20 to 340 arc or full circle operation anti-backsplash drive arm;
- Adjustable deflector plate;
- 20 to 340 arc or full circle oper
- 1/2" Male thread.

PERFORMANCE DATA

Nozzle Size	mm	2.8mm(Orange)				3.0mm(Red)				3.2mm(Green)				3.5mm(Blue)							
		2.0	2.5	3.0	4.0	2.0	2.5	3.0	4.0	2.0	2.5	3.0	4.0	2.0	2.5	3.0	4.0				
Pre.	bar	2.0	2.5	3.0	4.0	2.0	2.5	3.0	4.0	2.0	2.5	3.0	4.0	2.0	2.5	3.0	4.0				
Flow Rate	m ³ /h	0.480	0.530	0.584	0.630	0.675	0.525	0.585	0.640	0.695	0.745	0.570	0.640	0.700	0.765	0.815	0.680	0.760	0.860	0.960	1.010
Rad.	m	9.25	9.75	10.25	10.50	10.50	9.75	10.50	10.50	11.00	11.25	10.00	10.50	11.00	11.25	11.75	10.50	10.75	11.50	11.75	11.75



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8024SD	50	4.10Kgs	4.50Kgs	53x28x13.5	0.022

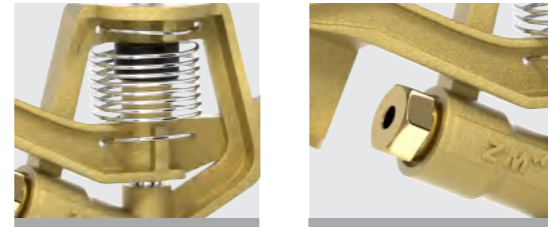
ACCESSORIES FOR IMPACT SPRINKLER

Picture	Description	Part No.	Diameter	Units/Box	Picture	Description	Part No.	Diameter	Units/Box
	Agri Connector	2022	1/2" Female	450		Agri-Stand (With Spike)	2021SPK	1/2" Female 1.3m PVC Pipe 1m Spike	50
	Barb Connector	2023	I.D.:5X8mm O.D.:8X10mm	3000		Adaptor PVC	2032	1/2" X I.D.25mm	600
	Take Off Connector	2024	I.D.:5X8mm O.D.:8X10mm	6000		Adaptor PVC	2033	3/4" X I.D.25mm	600
	Plug	2025	8mm	6500		Adaptor PVC	2034	1/2" X I.D.34mm	400
	Adaptor	2026	1/2"FM x 1/2"FM	850		Adaptor PVC	2035	3/4" X I.D.34mm	400
	Adaptor	2026M	1/2"M x 1/2"M	1800		Spike Zinc alloy	ZSK01	1/2"FM	100
	Adaptor	2027	1/2"FM x 3/4"FM	800		Rear Nozzle	PRN01XX	Rear nozzle for 8022, 8035, 8021	5000
	Adaptor	2028	3/4"FM x 3/4"FM	600		Main Nozzle	PMN01XX	Main nozzle for 8035, 8021	2500
	Adaptor	2029	3/4"FM x 1"FM	350		Main Nozzle	PMN02XX	Main nozzle for 8022, 8023, 8024, 8427	5000
	Adaptor	2030	1/2"FM x 1"FM	450		Rear Nozzle	PRN02XX	Rear nozzle for 8036, 8037	5000
	Adaptor	2031	1"FM x 1"FM	300		Rear Nozzle	PRN03XX	End plug for 8036, 8037	5000
	Adaptor (Without Spike)	2021Kit	1/2" Female 1.3m PVC Pipe	50		Main Nozzle	PMN01XX	Main nozzle for 8036, 8037	5000

Metal Impact Sprinkler



8034D



OPERATING RANGE

- Working Pressure: 1.7-5.5bar
- Flow Rate: 0.66-3.27m³/h
- Spray Radius: 12-17m

APPLICATIONS

USAGE

- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

- Heavy duty brass construction;
- Stainless steel springs and fulcrum pin.
- 3/4" BSP / NPT male thread with O-ring;
- Dual nozzle design with a better performance; Chemically resistant washers.

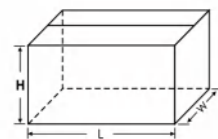
PERFORMANCE DATA

Nozzle Size	mm	9/64"xPlug								5/32"xPlug								11/64"xPlug							
Pre.	bar	1.70	2.00	2.50	3.00	3.50	4.00	4.50	5.00	1.70	2.00	2.50	3.00	3.50	4.00	4.50	5.00	1.70	2.00	2.50	3.00	3.50	4.00	4.50	5.00
Flow Rate	m ³ /h	0.655	0.710	0.790	0.865	0.935	1.000	1.055	1.105	0.800	0.865	0.970	1.060	1.145	1.220	1.290	1.340	0.960	1.040	1.165	1.280	1.380	1.470	1.560	1.625
Rad.	m	12.50	13.00	13.50	13.75	14.00	14.25	14.50	14.50	13.00	13.50	14.00	14.25	14.50	14.75	15.00	15.00	13.50	14.00	14.50	14.75	15.00	15.25	15.50	15.50

Nozzle Size	mm	3/16"xPlug								13/64"xPlug								7/32"xPlug							
Pre.	bar	1.70	2.00	2.50	3.00	3.50	4.00	4.50	5.00	1.70	2.00	2.50	3.00	3.50	4.00	4.50	5.00	1.70	2.00	2.50	3.00	3.50	4.00	4.50	5.00
Flow Rate	m ³ /h	1.115	1.215	1.365	1.500	1.625	1.740	1.840	1.920	1.315	1.440	1.615	1.770	1.915	2.050	2.170	2.245	1.530	1.670	1.885	2.070	2.245	2.395	2.500	2.560
Rad.	m	14.00	14.50	15.00	15.25	15.50	15.75	16.00	16.00	14.50	15.00	15.50	15.75	16.00	16.25	16.50	16.75	14.75	15.50	16.00	16.25	16.50	16.75	17.00	17.25

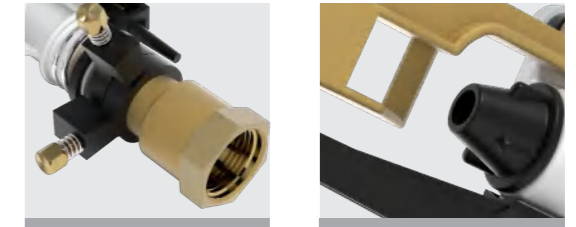
Nozzle Size	mm	3.57 X2.38 / 9/64" X 3/32"								3.96 X 2.38 / 5/32" x3/32"								4.36 X2.38 / 11/64" x3/32"							
Pre.	bar	1.70	2.00	2.50	3.00	3.50	4.00	4.50	5.00	1.70	2.00	2.50	3.00	3.50	4.00	4.50	5.00	1.70	2.00	2.50	3.00	3.50	4.00	4.50	5.00
Flow Rate	m ³ /h	0.950	1.030	1.145	1.254	1.355	1.450	1.530	1.602	1.096	1.185	1.329	1.452	1.568	1.671	1.767	1.835	1.246	1.352	1.514	1.664	1.794	1.911	2.028	2.112
Rad.	m	12.50	13.00	13.50	13.75	14.00	14.25	14.50	14.50	13.00	13.50	14.00	14.25	14.50	14.75	15.00	15.00	13.50	14.00	14.50	14.75	15.00	15.25	15.50	15.50

Nozzle Size	mm	4.76x3.17 / 3/16"x1/8"								5.15x3.17 / 13/64"x1/8"								5.55x3.17 / 7/32"x1/8"							
Pre.	bar	1.70	2.00	2.50	3.00	3.50	4.00	4.50	5.00	1.70	2.00	2.50	3.00	3.50	4.00	4.50	5.00	1.70	2.00	2.50	3.00	3.50	4.00	4.50	5.00
Flow Rate	m ³ /h	1.650	1.798	2.020	2.220	2.405	2.575	2.723	2.840	1.841	2.016	2.261	2.478	2.681	2.870	3.038	3.143	2.065	2.254	2.544	2.794	3.030	3.233	3.375	3.455
Rad.	m	14.00	14.50	15.00	15.25	15.50	15.75	16.00	16.00	14.50	15.00	15.50	15.75	16.00	16.25	16.50	16.75	14.75	15.50	16.00	16.25	16.50	16.75	17.00	17.25



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8034D	50	18.11Kgs	19.26Kgs	53x36x19	0.036

8019



OPERATING RANGE

- Working Pressure: 1.5-4.0bar
- Flow Rate: 1.2-3.6m³/h
- Spray Radius: 12-17m

APPLICATIONS

USAGE

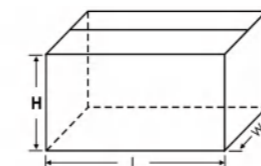
- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

- Powder coated aluminium die cast construction;
- Stainless steel springs and fulcrum pin;
- 1" BSP / NPT female thread; With brass diffuser screw offer a better performance;
- 20° to 340° arc or full circle operation.

PERFORMANCE DATA

Nozzle Size	mm	13/64"(5.00mm)				15/64"(6.00mm)				9/32"(7.00mm)			
Pre.	bar	1.5	2	3	4	1.5	2	3	4	1.5	2	3	4
Flow Rate	L/h	20	22	27	32	28	32	39	45	37	42	52	60
	m ³ /h	1.2	1.3	1.6	1.9	1.7	1.9	2.3	2.7	2.2	2.5	3.1	3.6
Rad.	m	12	13	14	16	13	14	15	16.5	13.5	14.5	16	17



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8019	12	8.1Kgs	8.7Kgs	35x22x20	0.02

8066



OPERATING RANGE

- Working Pressure: 2.0-6.0bar
- Flow Rate: 5.1-24.8m³/h
- Spray Radius: 16-29m

APPLICATIONS

USAGE

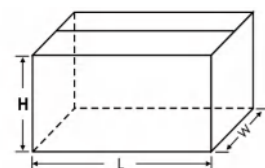
- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

- Powder coated aluminium die cast construction;
- Stainless steel springs and fulcrum pin;
- 1.5" BSP / NPT Female thread; Dual nozzle design with a better performance;
- Brass diffuser pin offer a better uniformity.

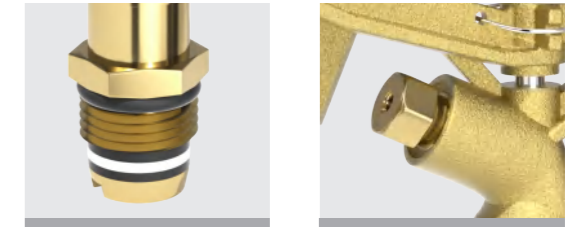
PERFORMANCE DATA

Nozzle Size	mm	9/32"x5/16" (7.0x8.0mm)					9/32"x25/64" (7.0x10.0mm)					9/32"x15/32" (7.0x12.0mm)					9/32"x35/64" (7.0x14.0mm)					13/64"x5/8" (7.0x16.0mm)				
		Pre.	bar	2	3	4	5	2	3	4	5	2	3	4	5	2	3	4	5	2	3	4	5			
Flow Rate	L/h	5.1	5.9	7.2	8.4	7.8	9.5	11.0	12.4	10.1	12.4	14.3	16.1	12.9	15.8	18.3	20.5	16.0	19.6	22.7	24.8					
Rad.	m	16.0	17.5	19.5	21.0	18.0	21.0	23.0	24.5	19.5	22.0	25.0	27.5	20.5	23.5	26.0	28.5	21.0	24.0	26.5	29.0					



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8066	10	15.8Kgs	16.9Kgs	58x39x24	0.06

8015



OPERATING RANGE

- Working Pressure: 2.0-4.0bar
- Flow Rate: 0.636-2.256m³/h
- Spray Radius: 11.00-15.50m

APPLICATIONS

USAGE

- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

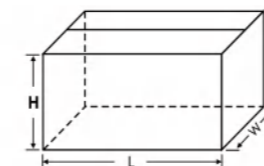
FEATURES

- Solid brass construction;
- Stainless steel springs and fulcrum pin.
- 1/2 " BSP / NPT male thread, with O-ring;
- Dual nozzle design provides outstanding uniformity.

PERFORMANCE DATA

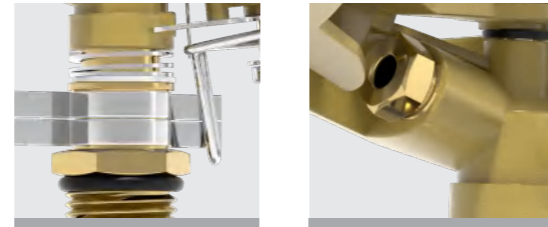
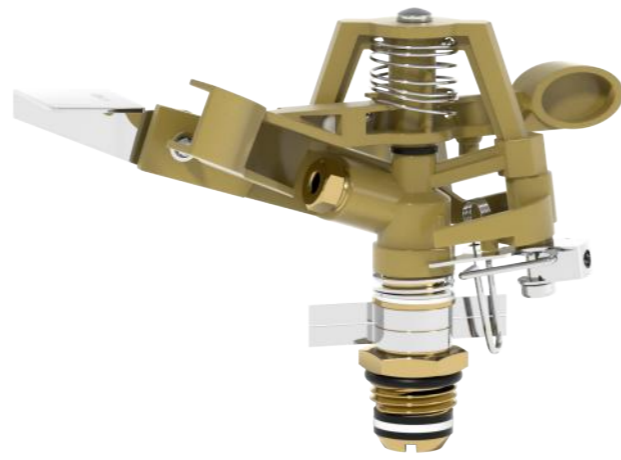
Nozzle Size	mm	9/64"xPlug								5/32"xPlug								11/64"xPlug							
		Pre.	bar	1.75	2.10	2.45	2.80	3.15	3.50	3.85	1.75	2.10	2.45	2.80	3.15	3.50	3.85	1.75	2.10	2.45	2.80	3.15	3.50	3.85	
Flow Rate	m ³ /h	0.636	0.696	0.752	0.804	0.853	0.899	0.985	0.782	0.857	0.925	0.989	1.049	1.106	1.210	0.948	1.039	1.122	1.199	1.272	1.341	1.475			
Rad.	m	11.00	11.00	12.00	12.00	13.00	13.00	13.50	12.00	12.00	13.00	13.50	14.00	14.00	14.50	12.00	13.00	13.50	13.50	14.00	14.00	14.50			

Nozzle Size	mm	3/16"xPlug							13/64"xPlug								
		Pre.	bar	1.75	2.10	2.45	2.80	3.15	3.50	3.85	1.75	2.10	2.45	2.80	3.15	3.50	3.85
Flow Rate	m ³ /h	1.130	1.238	1.357	1.429	1.516	1.598	1.770	1.323	1.449	1.565	1.673	1.775	1.871	2.150		
Rad.	m	13.00	13.50	13.50	14.00	14.00	14.50	15.50	13.50	14.00	14.50	14.50	15.50	16.00	16.50		



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8015	75	13.8Kgs	14.3Kgs	42.5x25.5x11.5	0.013

8028



OPERATING RANGE

- Working Pressure: 2.0-4.0bar
- Flow Rate:: 0.36-1.58m³/h
- Spray Radius: 10.5-13m

APPLICATIONS

USAGE

- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

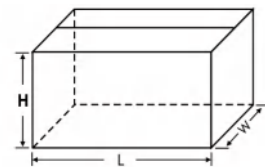
FEATURES

- 1/2" BSP / NPT male thread with O-ring;
- 20° to 340 °arc or full circle operation;
- Anti-tailgate drive arm Stainless steel trip.
- Powder coated zinc die cast construction;
- Stainless steel springs and fulcrum pin.

PERFORMANCE DATA

Nozzle Size	mm	3.57mm								3.96mm							
		PSI	25	30	35	40	45	50	55	25	30	35	40	45	50	55	
Pre.	Bars	1.72	2.07	2.41	2.76	3.10	3.45	3.79	1.72	2.07	2.41	2.76	3.10	3.45	3.79		
	GPM	2.79	3.13	3.48	3.74	4.01	4.13	4.71	3.54	3.94	4.35	4.62	4.90	5.17	5.44		
Flow Rate	L/Min	10.55	11.83	13.12	14.14	15.16	15.61	17.77	13.40	14.94	16.49	17.52	18.55	19.58	20.61		
	Rad.	Feet	33	37	39	42	45	45	46	35	39	42	43	44	47	48	
	Meter	10.06	11.28	11.89	12.80	13.72	13.72	14.02	10.67	11.89	12.80	13.11	13.41	14.33	14.63		

Nozzle Size	mm	4.36mm								4.76mm							
		PSI	25	30	35	40	45	50	55	25	30	35	40	45	50	55	
Pre.	Bars	1.72	2.07	2.41	2.76	3.10	3.45	3.79	1.72	2.07	2.41	2.76	3.10	3.45	3.79		
	GPM	4.22	4.62	5.03	5.37	5.64	6.05	6.39	4.96	5.31	5.84	6.32	6.66	7.01	7.34		
Flow Rate	L/Min	15.95	17.46	19.01	20.30	21.32	22.87	24.15	18.75	20.07	22.08	23.89	25.17	26.50	27.75		
	Rad.	Feet	37	41	43	45	46	48	37	40	44	45	45	48	48		
	Meter	11.28	12.50	13.11	13.72	14.02	14.63	14.63	11.28	12.20	13.41	13.72	13.72	14.63	14.63		



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8028	32	7.37Kgs	7.95Kgs	46x43x12	0.024

8021



OPERATING RANGE

- Working Pressure: 2.0-5.0bar
- Flow Rate:: 0.73-4.6m³/h
- Spray Radius: 13.25-18m

APPLICATIONS

USAGE

- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

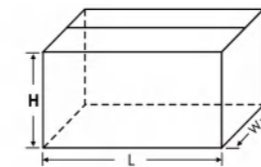
FEATURES

- Driver arm & housing & sprindile made of brass;
- Dual nozzle design provides outstanding uniformity;
- Sand and dust sleeve protection for reliable operation and durability;
- Colour-coded nozzles for easy and quick cleaning or replacement even while operating.
- Body Made of ZINC;
- Stainless steel parts;
- Dust and dirt cap protection;
- 3/4" male pipe thread connection in brass.

PERFORMANCE DATA

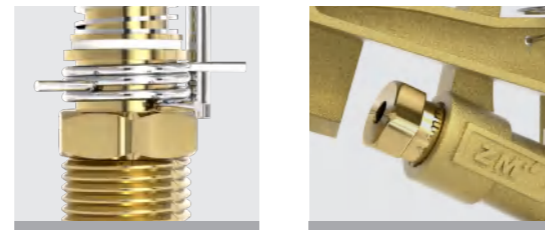
Nozzle Size	mm	3.5x2.5mm(Blue)			4.0x2.5mm(Black)			4.5x2.5mm(Brown)			5.0x2.5mm(Purple)			5.5x2.5mm(Orange)		
		bar	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0
Pre.	bar	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0
Flow Rate	m ³ /h	0.81	0.93	1.02	1.06	1.22	1.35	1.29	1.50	1.65	1.60	1.85	2.10	1.95	2.25	2.50
	Rad.	m	13.25	13.75	14.00	14.00	14.50	14.75	14.25	15.00	16.50	15.00	16.75	17.00	16.00	17.25

Nozzle Size	mm	6.0x2.5mm(Red)			6.5x2.5mm(Grey)			6.5x3.2mm(Grey)			7.0x2.5mm(Green)			7.0x3.2mm(Green)		
		bar	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0
Pre.	bar	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0	3.0	4.0	5.0
Flow Rate	m ³ /h	2.30	2.70	3.00	2.70	3.10	3.50	2.70	3.10	3.50	3.30	3.50	3.90	3.30	3.50	3.90
	Rad.	m	16.50	17.75	18.00	17.00	18.00	19.00	17.00	18.00	19.00	17.00	17.50	18.00	17.00	17.50



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8021	50	8.42Kgs	8.96Kgs	40x40x17	0.016

8041



OPERATING RANGE

- Working Pressure: 1.7-5.5bar
- Flow Rate: 0.66-3.27m³/h
- Spray Radius: 12-16m

APPLICATIONS

USAGE

- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

- Heavy duty brass construction;
- Stainless steel springs and fulcrum pin.
- 3/4" BSP /NPT male thread; Stainless steel trip collars;
- Dual nozzle design with a better performance; 20° to 340° arc or full circle operation.

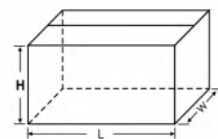
PERFORMANCE DATA

Nozzle Size	mm	5/32"xPlug								11/64"xPlug								3/16"xPlug							
Pre.	bar	1.75	2.10	2.45	2.80	3.15	3.50	3.85	4.20	1.75	2.10	2.45	2.80	3.15	3.50	3.85	4.20	1.75	2.10	2.45	2.80	3.15	3.50	3.85	4.20
Flow Rate	m ³ /h	0.795	0.870	0.940	1.010	1.070	1.130	1.185	1.235	0.960	1.050	1.140	1.215	1.290	1.360	1.430	1.480	1.135	1.245	1.355	1.455	1.545	1.630	1.705	1.775
Rad.	m	12.00	12.00	12.00	13.00	13.00	13.00	14.00	12.00	12.00	13.00	13.00	13.00	14.00	14.00	14.00	12.00	13.00	13.00	13.00	14.00	14.00	14.00	14.00	

Nozzle Size	mm	5/32"xPlug								11/64"xPlug							
Pre.	bar	1.75	2.10	2.45	2.80	3.15	3.50	3.85	4.20	1.75	2.10	2.45	2.80	3.15	3.50	3.85	4.20
Flow Rate	m ³ /h	1.335	1.475	1.605	1.725	1.830	1.925	2.010	2.085	1.550	1.715	1.875	2.010	2.135	2.240	2.335	2.405
Rad.	m	13.00	13.00	13.00	14.00	14.00	14.00	15.00	13.00	13.00	14.00	14.00	14.00	15.00	15.00	16.00	

Nozzle Size	mm	3.96x2.38 / 5/32"x3/32"								4.36x2.38 / 11/64"x3/32"								4.76x2.38 / 3/16"x3/32"							
Pre.	bar	1.75	2.10	2.45	2.80	3.15	3.50	3.85	4.20	1.75	2.10	2.45	2.80	3.15	3.50	3.85	4.20	1.75	2.10	2.45	2.80	3.15	3.50	3.85	4.20
Flow Rate	m ³ /h	1.095	1.190	1.290	1.385	1.470	1.550	1.625	1.690	1.260	1.375	1.490	1.590	1.690	1.785	1.870	1.950	1.430	1.570	1.700	1.830	1.940	2.050	2.145	2.230
Rad.	m	12.50	13.00	13.50	13.50	13.50	14.00	14.00	12.50	13.50	13.50	14.00	14.00	14.50	14.50	14.50	13.00	14.00	14.00	14.50	14.50	15.00	15.00	15.50	

Nozzle Size	mm	4.76x3.17 / 3/16"x1/8"								5.15x3.17 / 13/64"x1/8"								5.55x3.17 / 7/32"x1/8"							
Pre.	bar	1.75	2.10	2.45	2.80	3.15	3.50	3.85	4.20	1.75	2.10	2.45	2.80	3.15	3.50	3.85	4.20	1.75	2.10	2.45	2.80	3.15	3.50	3.85	4.20
Flow Rate	m ³ /h	1.682	1.848	2.005	2.150	2.290	2.400	2.520	2.630	1.880	2.075	2.255	2.420	2.565	2.700	2.855	2.950	2.095	2.315	2.520	2.700	2.880	3.020	3.155	3.270
Rad.	m	13.00	14.00	14.00	14.50	14.50	15.00	15.00	13.00	14.00	14.50	15.00	15.00	15.50	15.50	16.00	13.50	14.50	15.00	15.50	15.50	16.00	16.00	16.00	



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8041	24	13.11Kgs	13.74Kgs	43x34x15.5	0.023

8065



OPERATING RANGE

- Working Pressure: 2.0-6.0bar
- Flow Rate: 5.1-24.8m³/h
- Spray Radius: 16-29m

APPLICATIONS

USAGE

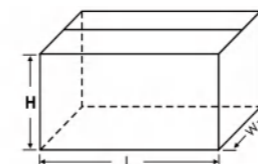
- Designed for agricultural use in solid set, Can also be used in landscape irrigation.

FEATURES

- Powder coated aluminium die cast construction;
- Stainless steel springs and fulcrum pin;
- 1.5" BSP / NPT Female thread brass connector;
- Dual nozzle design with a better performance; Dual brass diffuser screw offer a better performance.

PERFORMANCE DATA

Nozzle Size	mm	9/32"x5/16" (7.0x8.0mm)				9/32"x25/64" (7.0x10.0mm)				9/32"x15/32" (7.0x12.0mm)				9/32"x35/64" (7.0x14.0mm)				13/64"x5/8" (7.0x16.0mm)			
Pre.	bar	2	3	4	5	2	3	4	5	2	3	4	5	2	3	4	5	2	3	4	5
Flow Rate	m ³ /h	5.1	5.9	7.2	8.4	7.8	9.5	11.0	12.4	10.1	12.4	14.3	16.1	12.9	15.8	18.3	20.5	16.0	19.6	22.7	24.8
Rad.	m	16.0	17.5	19.5	21.0	18.0	21.0	23.0	24.5	19.5	22.0	25.0	27.5	20.5	23.5	26.0	28.5	21.0	24.0	26.5	29.0














Item#	Qty/ctn	N.W./ctn	G.W./ctn	L xWx H (cm)	M ³
8065	10	12.9Kgs	14Kgs	58x39x24	0.06

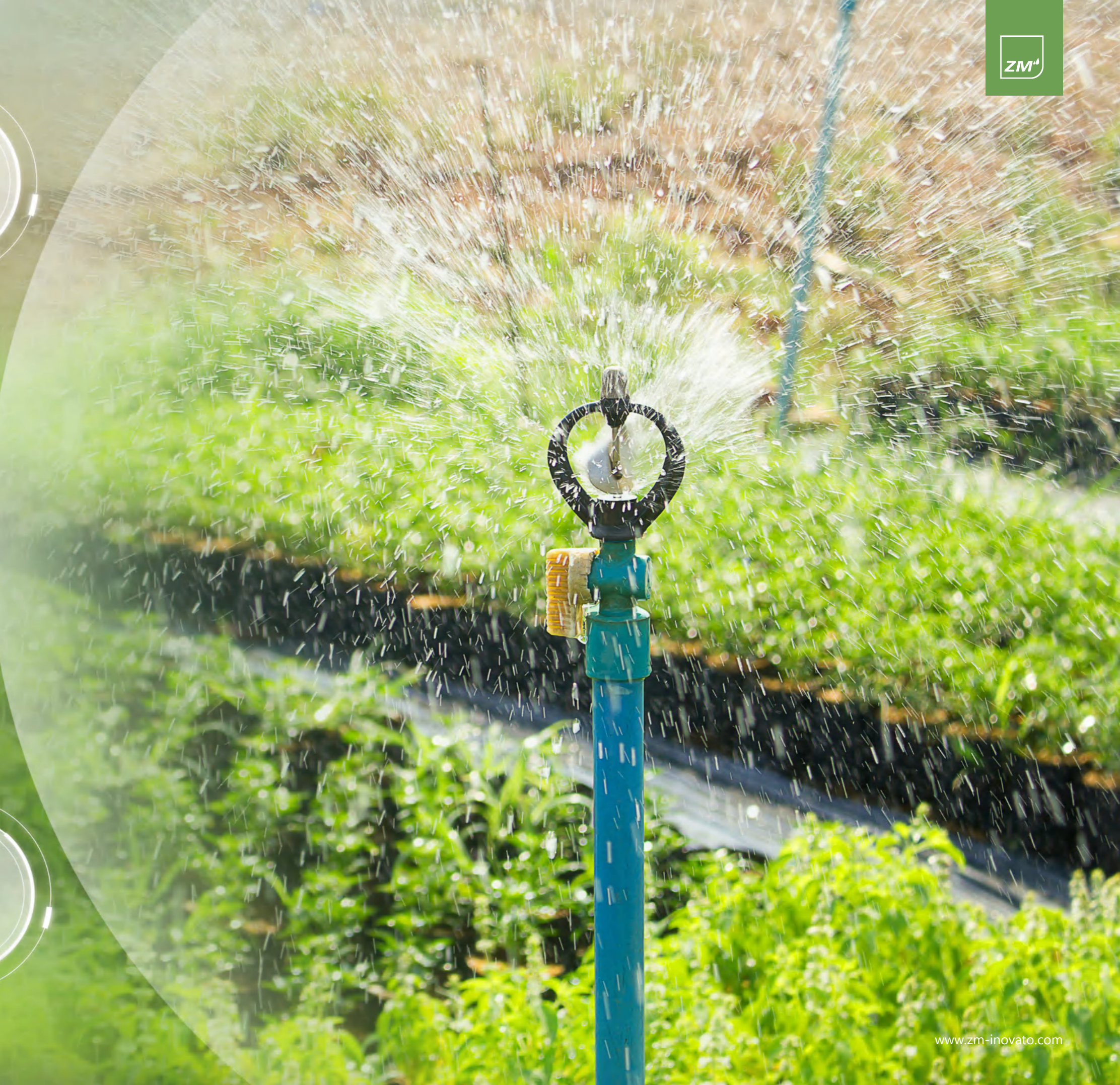
ACCESSORIES FOR IMPACT SPRINKLER

Picture	Description	Part No.	Diameter	Units/Box
	Agri Connector	2022	1/2" Female	450
	Barb Connector	2023	I.D.:5X8mm O.D.:8X10mm	3000
	Take Off Connector	2024	I.D.:5X8mm O.D.:8X10mm	6000
	Plug	2025	8mm	6500
	Adaptor	2026	1/2"FM x 1/2"FM	850
	Adaptor	2026M	1/2"M x 1/2"M	1800
	Adaptor	2027	1/2"FM x 3/4"FM	800
	Adaptor	2028	3/4"FM x 3/4"FM	600
	Adaptor	2029	3/4"FM x 1"FM	350
	Adaptor	2030	1/2"FM x 1"FM	450
	Adaptor	2031	1"FM x 1"FM	300
	Adaptor (Without Spike)	2021Kit	1/2" Female 1.3m PVC Pipe	50

ACCESSORIES FOR IMPACT SPRINKLER

Picture	Description	Part No.	Diameter	Units/Box
	Agri-Stand (With Spike)	2021SPK	1/2" Female 1.3m PVC Pipe 1m Spike	50
	Adaptor PVC	2032	1/2" X I.D.25mm	600
	Adaptor PVC	2033	3/4" X I.D.25mm	600
	Adaptor PVC	2034	1/2" X I.D.34mm	400
	Adaptor PVC	2035	3/4" X I.D.34mm	400
	Spike Zinc alloy	ZSK01	1/2"FM	100
	Rear Nozzle	PRN04XX	Rear nozzle for 8065, 8066	10000
	Main Nozzle	PMN03XX	Main nozzle for 8019	2500
	Main Nozzle	PMN04XX	Main nozzle for 8065, 8066	5000
	Rear Nozzle	BRN01XX	Rear nozzle for 8034D, 8041, 8036	5000
	Rear Nozzle	BRN02XX	Rear nozzle for 8037	2000
	Main Nozzle	BMN01XX	Main nozzle for 8034D, 8041, 8036, 8037	1000

Micro sprayer



Micro Sprayer



FEATURES

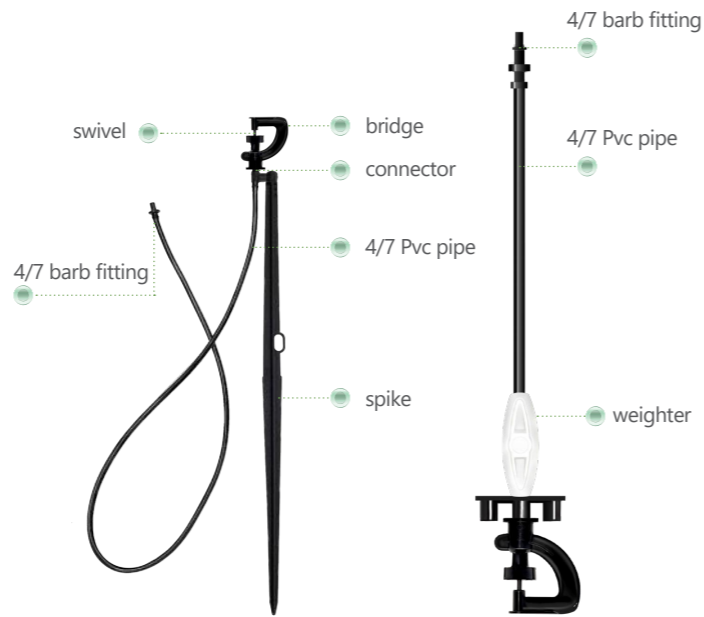
- Complete range of micro-sprinklers and micro-jets.

APPLICATIONS

- Irrigation in orchards, vegetables and gardens;
- Irrigation in greenhouses and sunshade;
- Cooling of poultry and livestock.

STRUCTURE AND FEATURES

- Broad range of wetted diameters and flow rates;
- Full-and part-circle patterns;
- Small medium or large droplets produced by different sprayers, swivels or anti-mist devices.



Round Insertion Pole ->

1204A 30cm | 1204B 50cm

1202

PERFORMANCE DATA

Nozzle Size	mm	0.82mm(Purple)					0.94mm(Brown)					1.16mm(Grey)					1.41mm(Green)					1.50mm(Orange)									
		1.0	1.5	2.0	2.5	3.0	3.5	1.0	1.5	2.0	2.5	3.0	3.5	1.0	1.5	2.0	2.5	3.0	3.5	1.0	1.5	2.0	2.5	3.0	3.5	1.0	1.5	2.0	2.5	3.0	3.5
Pre.	bar	1.0	1.5	2.0	2.5	3.0	3.5	1.0	1.5	2.0	2.5	3.0	3.5	1.0	1.5	2.0	2.5	3.0	3.5	1.0	1.5	2.0	2.5	3.0	3.5	1.0	1.5	2.0	2.5	3.0	3.5
Flow Rate	l/h	25	30	35	39	43	46	32	37	43	50	55	60	49	60	70	78	86	93	74	90	105	117	129	139	85	105	120	134	147	159

Nozzle Size	mm	1.73mm(Yellow)					1.92mm(Blue)					2.07mm(Lvory)					2.18mm(Red)					2.34mm(Black)									
		1.0	1.5	2.0	2.5	3.0	3.5	1.0	1.5	2.0	2.5	3.0	3.5	1.0	1.5	2.0	2.5	3.0	3.5	1.0	1.5	2.0	2.5	3.0	3.5	1.0	1.5	2.0	2.5	3.0	3.5
Pre.	bar	1.0	1.5	2.0	2.5	3.0	3.5	1.0	1.5	2.0	2.5	3.0	3.5	1.0	1.5	2.0	2.5	3.0	3.5	1.0	1.5	2.0	2.5	3.0	3.5	1.0	1.5	2.0	2.5	3.0	3.5
Flow Rate	l/h	113	140	160	179	196	212	141	170	200	224	245	265	166	204	235	263	288	311	184	225	260	291	318	344	212	260	300	335	367	397

EACH PRODUCT COMBINATION



1223



1220



1225

EACH PRODUCT COMBINATION



1213



1219



1217

EACH PRODUCT COMBINATION



1221



1218



1212

PARAMETERS OF DIFFERENT NOZZLES

Anti-mistcolor	Nozzle color	Flow rate (l/h)	Nozzle ID (mm)	Static Spreaders						Swivels				
				1217	1219	1221	1218	1213	1220	1212	1223	1225		
				90°	180°	Strip	Close range spreader	Flat	12Jet	Small black	Anti-nt	Inverted		
													Height(m)	
	Violet	35	0.82	1.7	2.2	3.2	0.9	2.8	3.4	5.5	6.0	5.0	1.80	
	Brown	43	0.94	1.7	2.5	4.2	0.9	3.4	4.5	5.5	6.0	5.5	6.0	
	Grey	70	1.16	2.5	2.7	8.5	0.9	3.4	5.5	6.0	6.5	6.5	7.5	
	Green	105	1.41	3.5	2.7	9.0	0.9	3.4	6.0	6.0	7.0	8.0	8.5	
	Orange	120	1.5	4.5	2.7	9.0	0.9	4.0	6.0	6.0	7.0	8.0	9.0	
	Yellow	160	1.73							6.5	8.0	9.0	9.5	
	Blue	200	1.92								8.0	9.0	10.0	
	Ivory	235	2.07									9.0	10.5	
	Red	260	2.18									9.0	11.0	
	Black	300	2.34									9.5	11.0	
Green/0.94	Green	40	1.41	2.0	1.2	2.8	0.8	3.5	2.5	4.0		4.5	6.0	
Orange/1.16	Orange	70	1.50	2.2	2.2	5.0	0.8	3.5	4.5	5.0		6.0	7.5	
Yellow/1.40	Yellow	90	1.73	2.5	2.5	5.5	0.9	4.0	5.0	5.5		6.0	8.0	
Blue/1.50	Blue	120	1.92	2.5	2.7	7.0	1.0	4.0	6.0	6.0		6.5	8.0	

Micro Sprayer



1401



APPLICATIONS

- The product is designed for irrigation of mature trees with large root zone;
- Due to the high uniformity and large wetting diameter, the emitter can be installed between two trees;
- Good for low precipitation rate and high uniformity overlapping irrigation in greenhouses, flower beds and vegetables;
- Good for frost protection and cooling systems;
- Applicable for parks and home gardens.

TECHNICAL SPECIFICATIONS

- Wide range of nozzles to meet all applications ,16-240 liters per hour(0.07 -1.06 gpm);
- Norminal flow rate at 2.0 bar(29 psi);
- Optimal operating pressure range : 1.0-2.5 bar (14 5-36 . 0 psi);
- Large wetting diameter:5.5-10.m(18-33 Ft);
- Recommended overlapping spacing in wind protected; areas upright position;
- Rectangular spacing up to 6x6 m(20x20 Ft);
- One row of emitters up to 6.0 m(20 Ft) hot house width;
- wo rows of emitters up to 12 m(39 Ft) hot house width.

Replaceable nozzle
 Swivels devices
 Wide range

PERFORMANCE DATA

Nozzle Size	mm	0.8mm/0.035inch (Light blue)	0.9mm/0.039inch (Blue)	1.0mm/0.043inch (Light Purple)	1.1mm/0.47inch (Grey)	1.2mm/0.050inch (Black)	1.3mm/0.055inch (Green)
Flow Rate	lph	35	40	50	60	70	90
	gpm	0.15	0.18	0.22	0.26	0.31	0.39
Maximum Range	m	5.7	6.1	6.8	6.9	8.0	8.0
	ft	19	20	22	23	26	26

Nozzle Size	mm	1.4mm/0.058inch (Orange)	1.5mm/0.066inch (Red)	1.7mm/0.070inch (Yellow)	1.8mm/0.071inch (Brown)	2.0mm/0.078inch (Deep Blue)	2.2mm/0.086inch (Light Green)
Flow Rate	lph	105	120	140	160	200	240
	gpm	0.46	0.53	0.62	0.70	0.88	1.06
Maximum Range	m	8.5	8.9	9.8	10.0	10.2	10.4
	ft	28	29	32	33	33.3	34

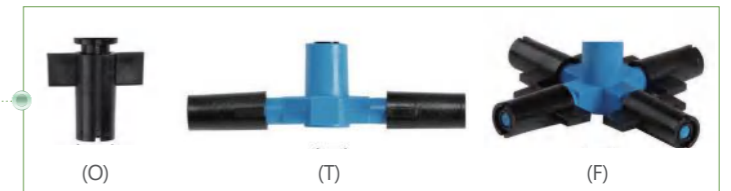
Fogger



FEATURE

- Filtration requirements: 130microns(120mesh)
- Minimum height above crop: 1.0m
- Max, spacing between units on laterals : 1.2m
- Max. spacing between lateral : 1.2m

Replaceable nozzle
 Swivels devices
 Wide range



FOGGER FLOW RATE ON CROSS

Nozzle color	Blue
3.0 bar	24.0
4.0 bar	28.0

OPERATING PRESSURE

Operating pressure	Opening	Closure
Low-Pressure Super LPD	1.4	0.6
Medium-Pressure Super LPD	3.0	1.5
High-Pressure Super LPD	4.0	2.4

Butterfly Sprayer

BFS

- Inlet size: 1/2"FM and 3/4 FM in same sprinkler.

FEATURE

- Heavy-duty plastic raw material;
- Energy efficient , low-pressure and low flow operation;
- Full circle with bridge moveable design option, with better uniformity;
- Different nozzle size available for different flow;
- Combination 1/2 "or 3/4 " female bottom inlet thread;
- With spray radius up to 4.5 to 5.0 meters.



Replaceable nozzle



Swivels devices



Wide range



BFS01

BFS01 N
BFS01 R



BFS02

BFS02 N
BFS02 R



Dripper



OAD01



AMS001

Flow Rate Data → 0-260L/H



GENERAL INFORMATION

- Ideal for trees, pots and flowers irrigation;
- Can be easily connected with spaghetti hose Φ6 or with LDPE Φ12-Φ32 for various irrigation patterns;
- Dismantable, removable cap for easy cleaning;
- Adjustable flow rate over a wide pressure range from 0.5 bar.

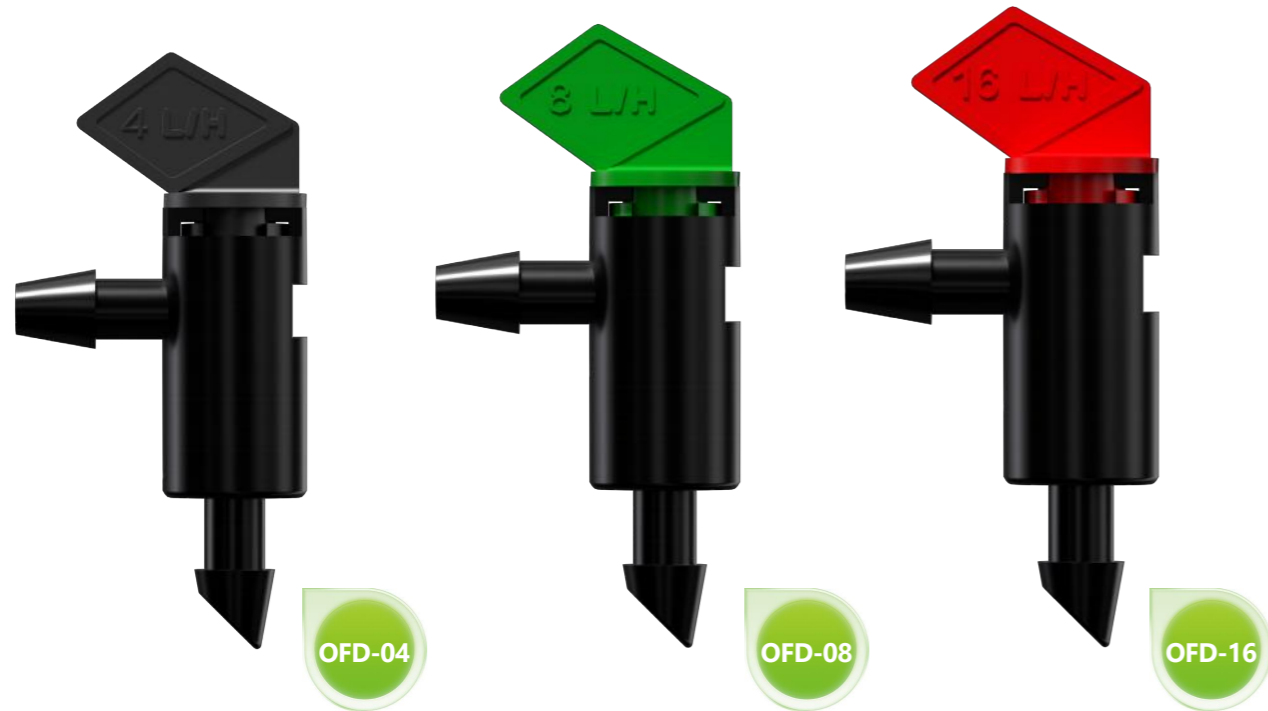
CHARACTERISTICS & FEATURES

- Minimum filtration 80mesh(200micron).
- Signs (+) and (-) for discharge regulating.
- One turn /16 clicks.
- Safe operation two (2) turns.
- Droplet irrigation < 14 l/h.
- "Umbrella" irrigation > 14 l/h.
- Minimum radius at 1.0 bar is 5cm.
- Maximum radius at 1.0 bar is 40cm.
- Eight (8) irrigation grooves.

OAD-01 PERFORMANCE DATA (0-70 L/H)

Type	0.5 bar		1.0 bar		1.5 bar		2.0 bar		2.5 bar		3.0 bar	
	L/H	GPM	L/H	GPM	L/H	GPM	L/H	GPM	L/H	GPM	L/H	GPM
Click												
2	3.9	0.017	9.2	0.040	11.9	0.052	14.5	0.064	16.9	0.074	19.5	0.086
4	6.9	0.030	11.1	0.049	14.7	0.065	17.1	0.075	19.6	0.086	22.3	0.098
8	10.1	0.044	16.1	0.071	22.6	0.099	25.0	0.110	28.4	0.125	32.3	0.142
12	19.1	0.084	29.5	0.130	39.8	0.175	44.8	0.197	50.9	0.224	56.7	0.249
16	25.3	0.111	39.3	0.173	52.2	0.233	59.7	0.263	67.2	0.296	75.5	0.332
20	29.8	0.131	45.7	0.201	61.2	0.269	69.0	0.304	78.1	0.344	88.0	0.387
24	34.7	0.152	52.6	0.231	70.1	0.308	78.5	0.345	89.5	0.394	100.3	0.441
28	40.0	0.176	59.4	0.261	78.7	0.346	88.0	0.387	99.6	0.438	112.0	0.493
32	44.2	0.194	66.7	0.293	88.5	0.389	98.6	0.434	112.1	0.493	125.5	0.552

Flag Dripper



FEATURES

- Available in three colors so that it is easy to identify flow rate;
- Self-tapping barbed inlet for easy installation;
- Outlet barb for use with 1/4" micro tubing;
- Spiral flow through a large-flow-path water passage reduces likelihood of clogging;
- Twist-open top with lock for secure operation under pressure and for easy cleaning;
- Durable high-impact plastic;
- Resistant to chemicals and fertilizers used in landscape application;
- Constructed of UV-resistant, durable plastic material to withstand the most adverse conditions.

PRODUCT SPECIFICATIONS

Operating pressure range	10 to 25 PSI		
Recommended operating pressure	0.5		
Flow rates and color codes	GPH(4L/H)color code-black	GPH(8L/H)color code-green	GPH(12L/H)color code-red
Inlet side	1/4"self-tapping barb		
Outlet side	1/4" barb		
Filter requirement	minimum of 150 mesh		
Material	body and cover: polypropylene		

Flow rate in gallons per hour at 5 to 30 PSI

Color	Normal flow rate	Color	5 PSI	10 PSI	15 PSI	20 PSI	25 PSI	30 PSI
Black	1 GPH	Black	0.5	0.79	1	1.22	1.39	1.55
Green	2 GPH	Green	0.77	1.21	1.61	1.95	2.19	2.44
Red	4 GPH	Red	1.72	2.81	3.61	4.29	4.92	5.51

Maximum number of 1 GPH black drip emitters on 1/2" drip tubing with .600ID

Drip emitters spacing	Flow rate at 25 PSI	Maximum length	Flow rate in GPM	Flow rate in GPH	# of drip emitters	Velocity (f/s)	Velocity (f/s)
1'	1.39	124	2.87	172.4	124	3.26	5.5
2'	1.39	192	2.22	133.4	96	2.52	5.19
3'	1.39	249	1.92	115.4	83	2.18	5.05
4'	1.39	304	1.76	105.6	76	2.0	5.23

Maximum number of 2 GPH green drip emitters on 1/2" drip tubing with .600ID

Drip emitters spacing	Flow rate at 25 PSI	Velocity (f/s)	Drip emitters spacing	Flow rate in GPM	Flow rate in GPH	Flow rate at 25 PSI	Velocity (f/s)	Total head loss in PSI
1'	2.19	91	1'	3.32	199.3	91	3.77	5.2
2'	2.19	144	2'	2.63	157.7	72	2.99	5.22
3'	2.19	186	3'	2.26	135.8	62	2.57	5.09
4'	2.19	224	4'	2.04	122.6	56	2.32	5.07

Maximum number of 4 GPH red drip emitters on 1/2" drip tubing with .600ID

Drip emitters spacing	Flow rate at 25 PSI	Maximum length	Flow rate in GPM	Flow rate in GPH	# of drip emitters	Velocity (f/s)	Velocity (f/s)
1'	4.29	59	4.22	253.1	59	4.79	5.1
2'	4.29	94	3.36	201.6	47	3.81	5.38
3'	4.29	120	2.86	171.6	40	3.25	5.02
4'	4.29	148	2.65	158.7	37	3.01	5.31

* Based on around 90% flow uniformity and 0% slop



Dripper

NEW ARRIVAL

PRODUCT SIZE

- Pipe O.D. 16, LD.14mm; Slope=0;
- Pipe O.D. 20, LD.17.6 mm; Slope=0;



Replaceable nozzle



Swivels devices



Wide range



2.0 L/H



4.0 L/H



9.0 L/H

I-DRIP PRODUCT KIT SYSTEMS



● Four Way I-Drip Kit Systemfwiks-01



● One Way I-Drip Kit System Owiks-02



● One Way I-Drip Kit Systemo Owiks-01

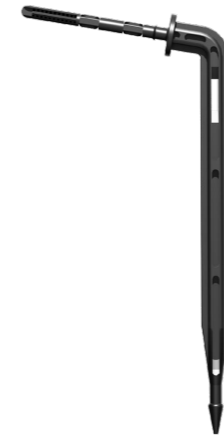
FLOW RATE DATA SHEET

Pressure Flow rate	0.5 (bar)	1.0 (bar)	1.5 (bar)	2.0 (bar)	2.5 (bar)	3.0 (bar)	3.5 (bar)	4.0 (bar)
2.0 l/h	1.8	1.9	2.0	1.9	2.1	2.0	2.2	2.2
4.0 l/h	3.7	3.7	3.8	3.9	4.0	4.1	4.1	4.2
9.0 l/h	8.7	8.7	8.8	9.0	9.0	9.1	9.2	9.3



Dripper Arrow

DAAS01



DASS01



APPLICATIONS

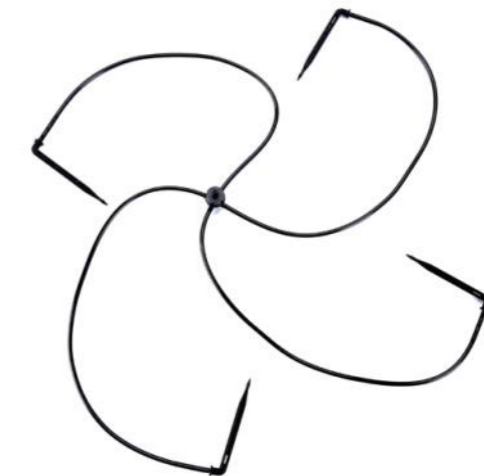
- Greenhouses, nurseries, garden pot irrigation.

SPECIFICATIONS













- Maximal working pressure: 1.2 bar;
- "Turbulent" labyrinth wide water passages for highest reliability and efficiency;
- 5 different models to meet growers' requirements.

FEATURES & BENEFITS

- Allows placement of drippers exactly where necessary;
- Allows maximum flexibility in greenhouse and nurseries (with soft PE micro- tubes);
- Allows installation of other drippers to add compensated and anti-drain.



ACCESSORIES FOR IRRIGATION SYSTEM

Picture	Description	Part No.	Diameter	Units/Box
	1/4" LONG TRANSFER BARBS	MIC-001	1/4"	10000
	Two Way Connector	MIC-002	4x7mm	10000
	1/4" GOOF PLUGS FOR REPAIR(TWO WAY)	MIC-003	1/4"	10000
	1/4" BARBED TEE	MIC-004	1/4"	10000
	1/4" BARBED ELBOW	MIC-005	1/4"	10000
	1/4" BARBED CROSS	MIC-006	1/4"	10000
	Barb Connector	MIC-007	4x7 mm I.D.6.0mm	20000
	Barb Connector	MIC-008	4x7 mm O.D.6.0mm	20000
	Three Way Connector	MIC-009	4x7 mm	10000
	BARB CONNECTOR FOUR WAY FOR MICRO TUBE 3 x 5.5 mm	MIC-017	4mm x 1/2"	5000
	CONNECTOR	MIC-022	4/7mm	
	CONNECTOR	PNA01	1/2"fm	

ACCESSORIES FOR IRRIGATION SYSTEM

Picture	Description	Part No.	Diameter	Units/Box
	BUTTERFLY CONNECTOR	MIC-011	4x7mm	10000
	Reuger	MIC-010	4mmx1/2"m	5000
	Fogger	1216-3		5000
	Micro tube 3x5 mm	MT-35	3x5mm	500
	Micro tube 4x7 mm	MT-47	4x7mm	500
	CONNECTOR	MIC-023	4x7mm	
	CONNECTOR	MIC-016	3x5mm	
	CONNECTOR	MIC-024	4 x7 mm I.D.5.9mm	
	CONNECTOR	MIC-025	4 x7 mm	
	CONNECTOR	MIC-026	4 x7 mm O.D.6.0mm	
	CONNECTOR	MIC-027	3 x 5mm	
	CONNECTOR	MIC-028	3 x 5mm	



Mini Valves & Drip Fittings



Multiple certifications & Appearance certification





"Super C" Mini Valve

FEATURES

- Made with durable high-quality raw material;
- Various connection combinations available; Tape connection, barbed, Male/Female Thread connection, grommet, Layflat connection, and so on;
- Easy install with Main PVC pipe or PE pipe, with high-quality rubber grommet;
- Smooth open and close quarter tum.

Female threaded to tape connector valve



ITEM NO.	ΦxΦ	PACK
MVTF16012	16X1/2"	50pcs/bag-500pcs/box

Barbed to PVC off-Take valve



ITEM NO.	Φ	PACK
MVPR160160	16	50pcs/bag-400pcs/box

Barbed valve



ITEM NO.	ΦxΦ	PACK
MVPP160160	16X16	50pcs/bag-500pcs/box
MVPP200200	20x20	50pcs/bag-500pcs/box

Tape connector to barbed Valve



ITEM NO.	Φ	PACK
MVPT160160	16	50pcs/bag-400pcs/box

Barbed to female threaded valve



ITEM NO.	ΦxΦ	PACK
MVPF16012	16x1/2"FM	50pcs/bag-500pcs/box
MVPF20012	20x1/2"FM	50pcs/bag-500pcs/box

Barbed to PE pipe connector valve



ITEM NO.	Φ	⊕	PACK
MVGP160120	16	12	50pcs/bag-500pcs/box
MVGP200120	20	12	50pcs/bag-500pcs/box

Barbed to male threaded valve



ITEM NO.	D" x D"	PACK
MVPM16012	16x1/2"	50pcs/bag-500pcs/box
MVPM16034	16x3/4"	50pcs/bag-450pcs/box
MVPM20012	20x1/2"	50pcs/bag-500pcs/box
MVPM20034	20x3/4"	50pcs/bag-400pcs/box

Male threaded Valve



ITEM NO.	D" x D"	PACK
MVMM1212	1/2"x1/2"	50pcs/bag-450pcs/box
MVMM3434	3/4"x3/4"	50pcs/bag-350pcs/box

Male to female threaded Valve



ITEM NO.	ΦxΦ	PACK
MVMF1212	1/2"x1/2"	50pcs/bag-450pcs/box
MVMF3412	3/4"×1/2"	50pcs/bag-350pcs/box

Tape connector Valve



ITEM NO.	Φ	PACK
MVTT160160	16	50pcs/bag-400pcs/box

Tape connector to PE pipe connector valve



ITEM NO.	Φ	⊕	PACK
MVTG160120	16	12	50pcs/bag-400pcs/box

Tape connector to male threaded valve



ITEM NO.	D" x D"	PACK
MVMT12160	16x1/2"	50pcs/bag-450pcs/box
MVMT34160	16x3/4"	50pcs/bag-350pcs/box

PVC off-take to tape connector valve



ITEM NO.	Φ	⊕	PACK
MVTR160160	16	16	50pcs/bag-350pcs/box

Tape connector to lay flat plug-in valve




ITEM NO.	ΦxΦ	PACK
MVLT160160	16	50pcs/bag-400pcs/box



“Lucky Orange” Mini Valve

NEW ARRIVAL

 New Compression Fitting Structure

 Quick Assembly Higher Water Tightness



FEATURES

- Engineering plastics are used to seal water surface interference and fit sealing water, so that the product can achieve the effect of sealing water without leakage

Single barbed with rubber to double barbed valve



ITEM NO.	ΦxΦ	PACK
CMVPR2160160	16x16	500pcs
CMVPR2200160	20x16	500pcs

Male threaded to female threaded valve



ITEM NO.	ΦxΦ	PACK
CMVMF040040	1/2"x1/2"	500pcs
CMVMF040060	1/2"x3/4"	500pcs

Male threaded to compression fitting valve



ITEM NO.	ΦxΦ	PACK
CMVMK040200	1/2"x20	500pcs
CMVMK060200	3/4"x20	500pcs
CMVMK060250	3/4"x25	500pcs
CMVMK100250	1"x25	500pcs
CMVMK100320	1"x32	500pcs

Male threaded to single barbed



ITEM NO.	ΦxΦ	PACK
CMVPM200040	20x1/2"	500pcs
CMVPM160060	16x3/4"	500pcs
CMVPM250060	25x3/4"	500pcs
CMVPM320100	32x1"	500pcs

Compression fitting valve



ITEM NO.	ΦxΦ	PACK
CMVKK200200	20x20	500pcs
CMVKK250250	25x 25	500pcs
CMVKK320320	32x 32	500pcs

Male threaded to double barbed valve



ITEM NO.	ΦxΦ	PACK
CMVPM2160040	16x1/2"	500pcs
CMVPM2200040	20x1/2"	500pcs
CMVPM2160060	16x3/4"	500pcs
CMVPM2200060	20x3/4"	500pcs
CMVPM2250060	25x3/4"	500pcs
CMVPM2320100	32x1"	500pcs

Single barbed valve



ITEM NO.	ΦxΦ	PACK
CMVPP160160	16x16	500pcs
CMVPP320320	32x32	500pcs

Double barbed valve



ITEM NO.	ΦxΦ	PACK
CMVPP2160160	16x16	500pcs
CMVPP2320320	32x32	500pcs

Male threaded valve



ITEM NO.	ΦxΦ	PACK
CMVMM040040	1/2"x1/2"	500pcs
CMVMMO60060	3/4"x3/4"	500pcs
CMVMM100100	1"x1"	500pcs

Single barbed with rubber to tape connector valve



ITEM NO.	ΦxΦ	PACK
CMVTR160160	16x16	500pcs

Compression fitting to movable female threaded valve



ITEM NO.	ΦxΦ	PACK
CMVKF060100	3/4"x1"	500pcs
CMVKF100100	1"x1"	500pcs

Male threaded to female threaded valve



ITEM NO.	ΦxΦ	PACK
CMVMF100100	1"x1"	500pcs

Male threaded to tape connector valve



ITEM NO.	ΦxΦ	PACK
CMVMT160040	16x1/2"	500pcs

Tape connector valve



ITEM NO.	ΦxΦ	PACK
CMVTT160160	16x16	500pcs

Female threaded valve



ITEM NO.	ΦxΦ	PACK
CMVFF100100	1"x1"	500pcs

Double barbed to female threaded valve



ITEM NO.	ΦxΦ	PACK
CMVPF320100	32x1"	500pcs

Tape connector to male threaded valve



ITEM NO.	ΦxΦ	PACK
CMVTM160060	16x3/4"	500pcs

Tape connector to single barbed valve



ITEM NO.	ΦxΦ	PACK
CMVPT160160	16x16	500pcs

Tape connector to double barbed valve



ITEM NO.	ΦxΦ	PACK
CMVPT2160160	16 x16	500pcs

Connector with rubber to tape connector valve



ITEM NO.	ΦxΦ	PACK
CMVRT160160	16x16	500pcs





"Super C" Connector

FEATURES

- Made with durable high-quality raw material;
- Various connection combinations available; Tape connection, barbed, Male/Female Thread connection, grommet, Layflat connection, and so on;
- Easy install with Main PVC pipe or PE pipe, with high-quality rubber grommet.

Tape connector to lay flat plugin Tee



ITEM NO.	ΦxΦxΦ	PACK
TFTTL160160160	16x16x16	50pcs/bag-500pcs/box

Barbed to tape connector



ITEM NO.	ΦxΦ	PACK
TFTP160160	16x16	100pcs/bag-1000pcs/box

Tape connector



ITEM NO.	ΦxΦ	PACK
TFTT160160	16x16	100pcs/bag -1000pcs/box

Tape connector to male thread



ITEM NO.	ΦxThread	PACK
TFTM16012	16x1/2"	100pcs/bag -1000pcs/box
TFTM16034	16x3/4"	100pcs/bag -1000pcs/box

Tape connector to grommet PE pipe connector



ITEM NO.	Φ	⊕	PACK
TFTP160080	16	8	100pcs/bag-1000pcs/box

Tape connector to PE pipe connector-with gasket



ITEM NO.	Φ	⊕	PACK
TFTR160120	16	12	100pcs/bag-1000pcs/box

Tape connector to PE pipe connector



ITEM NO.	Φ	⊕	PACK
TFTT160120	16	12	100pcs/bag-1000pcs/box

Tape connector to lay flat plug-in connector



ITEM NO.	ΦxΦ	PACK
TFTL160160	16x16	100pcs/bag-1000pcs/box

Tape connector-Elbow



ITEM NO.	ΦxΦ	PACK
TFTT160160E	16x16	100pcs/bag -800pcs/box

Tape connector to barbed-Tee



ITEM NO.	ΦxΦxΦ	PACK
TTTTTP160160160	16x16x16	50pcs/bag-800pcs/box

Tape connector to male threaded-Tee



ITEM NO.	ΦxThread	PACK
TFTTM16016012	16x16x1/2"	50pcs/bag -800pcs/box
TFTTM16016034	16x16x3/4"	50pcs/bag -800pcs/box

Tape connector-Tee



ITEM NO.	ΦxΦxΦ	PACK
TFTTT160160120	16x16x12	50pcs/bag -800pcs /box
TFTTT160160160	16x16x16	50pcs/bag-800pcs/box

Tape connector-Plug



ITEM NO.	Φ	PACK
TFTP16000	16	100pcs/bag - 1500pcs/box





Solenoid Valves



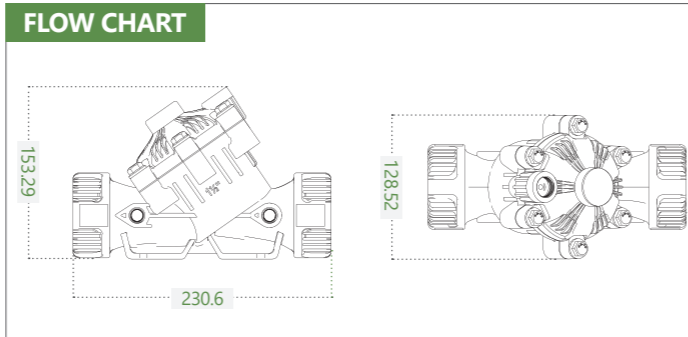
Multiple certifications & Appearance certification

1.5 inch



TYPE	
Size	1-1/2-inch, DN40
Inlet Size	Female Thread, NPT/BSPT
Material	Nylon PA66

OPTIMAL PERFORMANCE		
Max.Flow	21 m ³ /h	92 gal/min(us)
Max. Pre	1.0 MPa	145 PSI
Min. Pre	0.069 MPa	10 PSI
Max.Temp	60 °C	140 °F



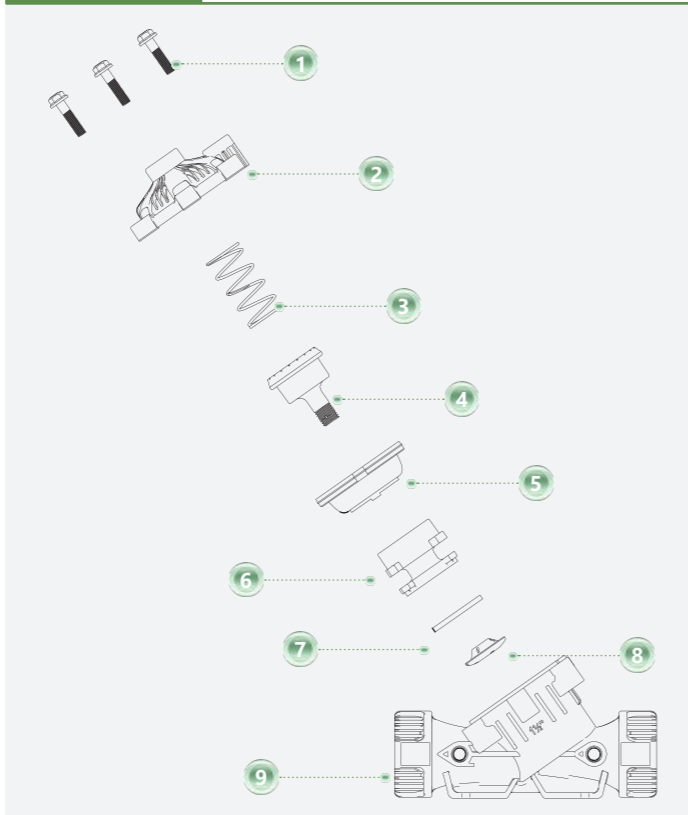
TYPICAL APPLICATIONS

- Irrigation System / Garden Irrigation
- Agriculture
- Landscape Irrigation
- Greenhouses Irrigation.
- Sprinkling Irrigation System
- Water Filtration System
- Outdoor And Public Sewage Systems.
- Underground Irrigation System

SPARE PARTS

#	Accessories	Material
1	Bolt	SUS304
2	Bonnet	Nylon PA66
3	Spring	SUS304
4	Diaphragm support	Nylon PA66
5	Diaphragm	NR
6	Diaphragm Retainer	Nylon PA66
7	Plug seal	NR
8	Support Nut	Nylon PA66
9	Valve Body	Nylon PA66

SPARE PARTS

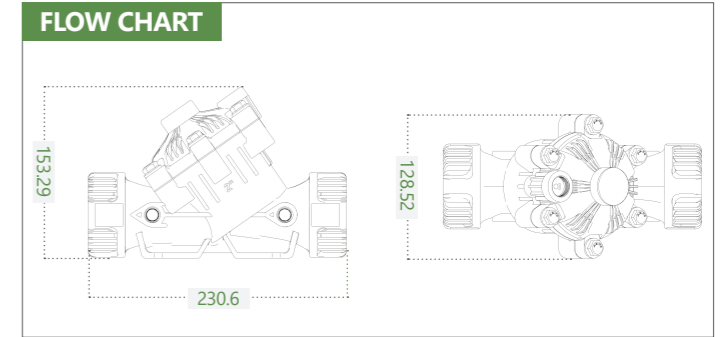


2 inch



TYPE	
Size	2-inch, DN50
Inlet Size	Female Thread, NPT/BSPT/Flanged
Material	Nylon PA66

OPTIMAL PERFORMANCE		
Max.Flow	60 m ³ /h	264 gal/min(us)
Max. Pre	1.0 MPa	145 PSI
Min. Pre	0.069 MPa	10 PSI
Max.Temp	60 °C	140 °F



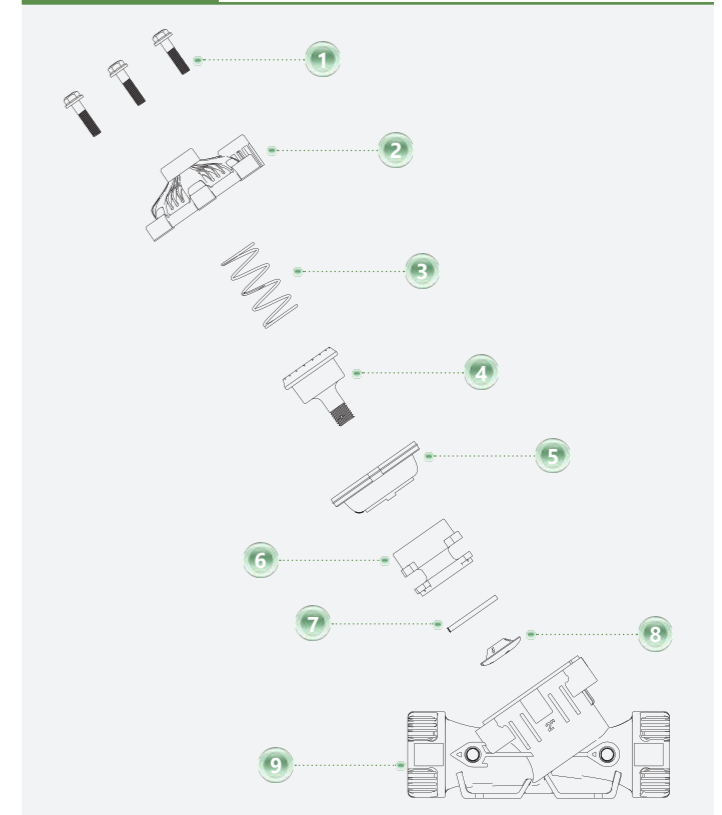
TYPICAL APPLICATIONS

- Irrigation System / Garden Irrigation
- Agriculture
- Landscape Irrigation
- Greenhouses Irrigation.
- Sprinkling Irrigation System
- Water Filtration System
- Outdoor And Public Sewage Systems.
- Underground Irrigation System

SPARE PARTS

#	Accessories	Material
1	Bolt	SUS304
2	Bonnet	Nylon PA66
3	Spring	SUS304
4	Diaphragm support	Nylon PA66
5	Diaphragm	NR
6	Diaphragm Retainer	Nylon PA66
7	Plug seal	NR
8	Support Nut	Nylon PA66
9	Valve Body	Nylon PA66

SPARE PARTS



2.5 inch

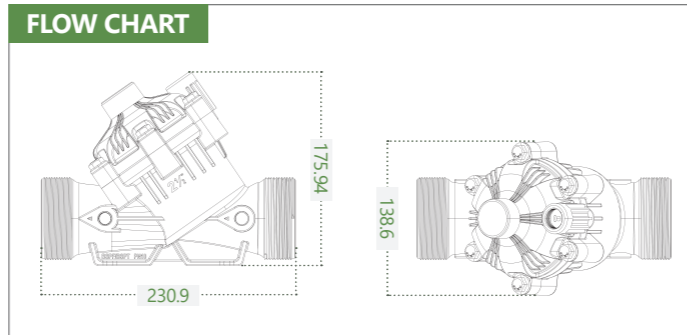


TYPE	
Size	2.5-inch, DN65
Inlet Size	Female Thread, NPT/BSPT/Flanged
Material	Nylon PA66

OPTIMAL PERFORMANCE		
Max.Flow	65 m ³ /h	286 gal/min(us)
Max. Pre	1.0 MPa	145 PSI
Min. Pre	0.069 MPa	10 PSI
Max.Temp	60 °C	140 °F



ISO 9001

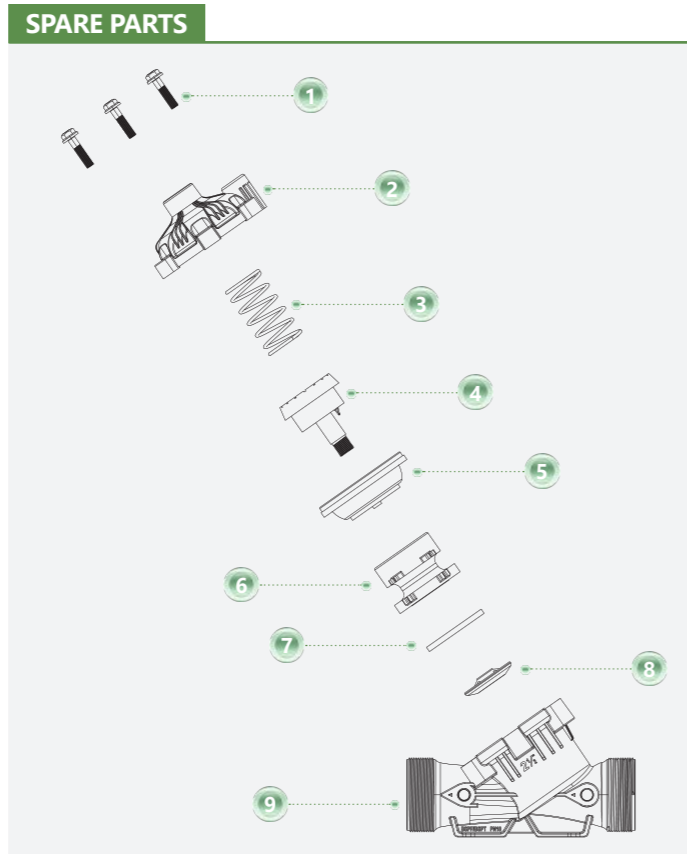
Agricultural
IrrigationStable &
Durable

TYPICAL APPLICATIONS

- Irrigation System / Garden Irrigation
- Agriculture
- Landscape Irrigation
- Greenhouses Irrigation.
- Sprinkling Irrigation System
- Water Filtration System
- Outdoor And Public Sewage Systems.
- Underground Irrigation System

SPARE PARTS

#	Accessories	Material
1	Bolt	SUS304
2	Bonnet	Nylon PA66
3	Spring	SUS304
4	Diaphragm support	Nylon PA66
5	Diaphragm	NR
6	Diaphragm Retainer	Nylon PA66
7	Plug seal	NR
8	Threaded Cover	Nylon PA66
9	Valve Body	Nylon PA66



3 inch

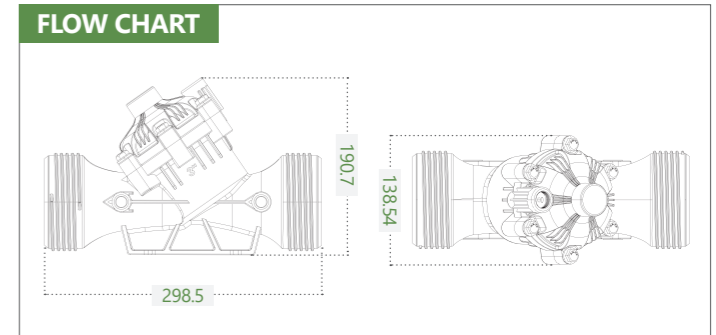


TYPE	
Size	3-inch, DN80
Inlet Size	Female Thread, NPT/BSPT/Flanged
Material	Nylon PA66

OPTIMAL PERFORMANCE		
Max.Flow	70 m ³ /h	308 gal/min(us)
Max. Pre	1.0 MPa	145 PSI
Min. Pre	0.069 MPa	10 PSI
Max.Temp	60 °C	140 °F



ISO 9001

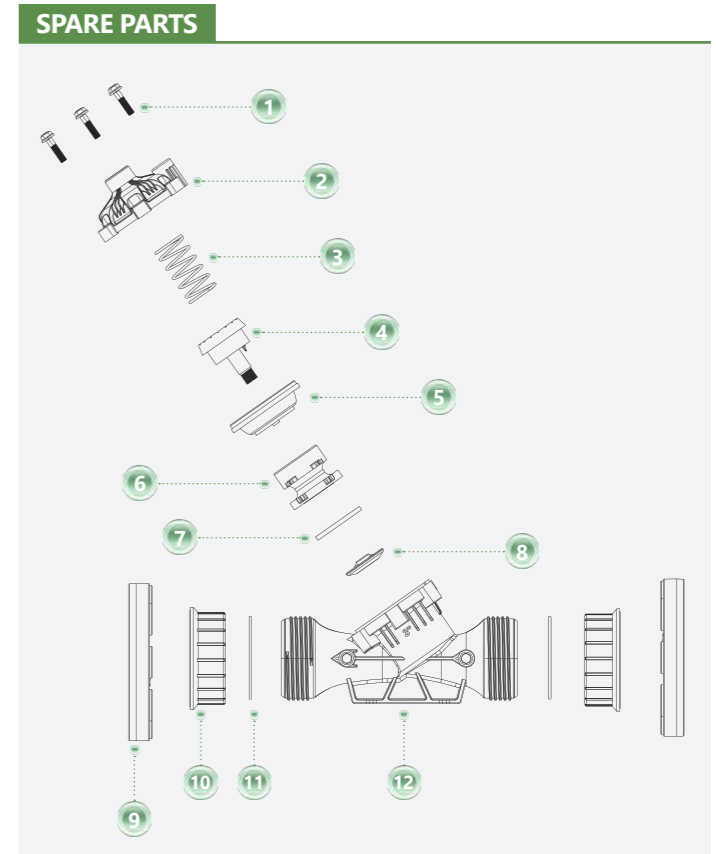
Agricultural
IrrigationStable &
Durable

TYPICAL APPLICATIONS

- Irrigation System / Garden Irrigation
- Agriculture / Landscape Irrigation
- Greenhouses Irrigation.
- Sprinkling Irrigation System
- Water Filtration System
- Outdoor And Public Sewage Systems.
- Underground Irrigation System

SPARE PARTS

#	Accessories	Material
1	Bolt	SUS304
2	Bonnet	Nylon PA66
3	Spring	SUS304
4	Diaphragm support	Nylon PA66
5	Diaphragm	NR
6	Diaphragm Retainer	Nylon PA66
7	Plug seal	NR
8	Threaded Cover	Nylon PA66
9	Flange	Nylon PA66
10	Flange Adaptor	Nylon PA66
11	O Ring-Flange	Nylon PA66
12	Valve Body	Nylon PA66

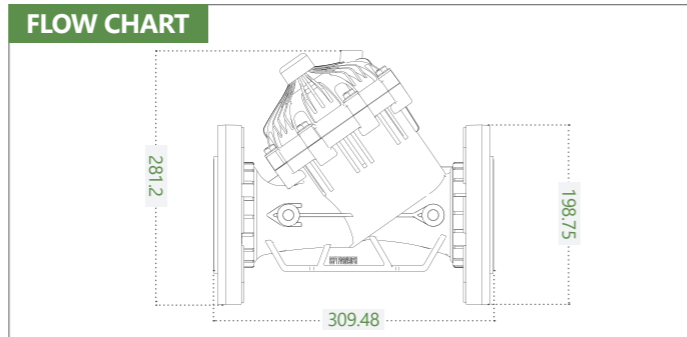


3.5 inch



TYPE	
Size	3-1/2-inch, DN80
Inlet Size	Female Thread, NPT/BSPT/Flanged
Material	Nylon PA66

OPTIMAL PERFORMANCE		
Max.Flow	100 m ³ /h	440 gal/min(us)
Max. Pre	1.0 MPa	145 PSI
Min. Pre	0.069 MPa	10 PSI
Max.Temp	60 °C	140 °F



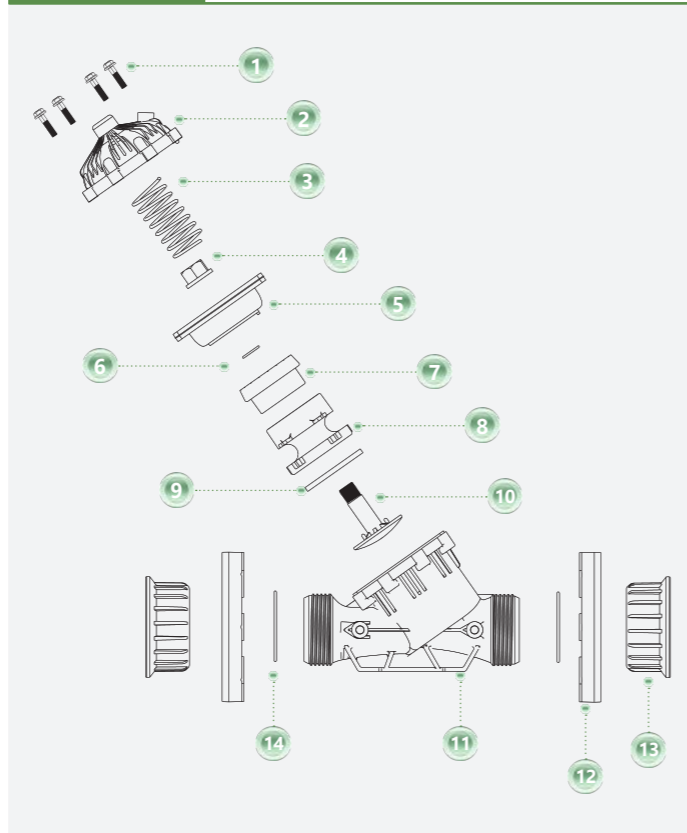
TYPICAL APPLICATIONS

- Irrigation System / Garden Irrigation
- Agriculture / Landscape Irrigation
- Greenhouses Irrigation / Water Filtration System
- Sprinkling Irrigation System
- Outdoor And Public Sewage Systems.
- Underground Irrigation System

SPARE PARTS

#	Accessories	Material
1	Bolt	SUS304
2	Bonnet	Nylon PA66
3	Spring	SUS304
4	Retainer Nut	Nylon PA66
5	Diaphragm	NR
6	O Ring-Diaphragm	NBR
7	Diaphragm Assembly	Nylon PA66
8	Diaphragm Retainer	Nylon PA66
9	Plug Seal	NR
10	Diaphragm support	Nylon PA66
11	Valve Body	Nylon PA66
12	Flange	Nylon PA66
13	Flange Adaptor	Nylon PA66
14	O Ring-Flange	NBR

SPARE PARTS

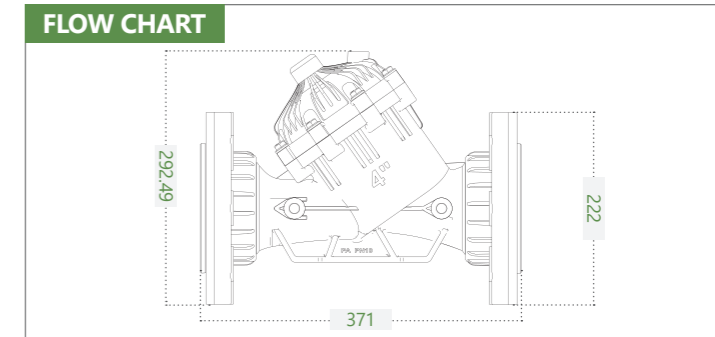


4 inch



TYPE	
Size	4-inch, DN100
Inlet Size	Flanged
Material	Nylon PA66

OPTIMAL PERFORMANCE		
Max.Flow	100 m ³ /h	440 gal/min(us)
Max. Pre	1.0 MPa	145 PSI
Min. Pre	0.069 MPa	10 PSI
Max.Temp	60 °C	140 °F



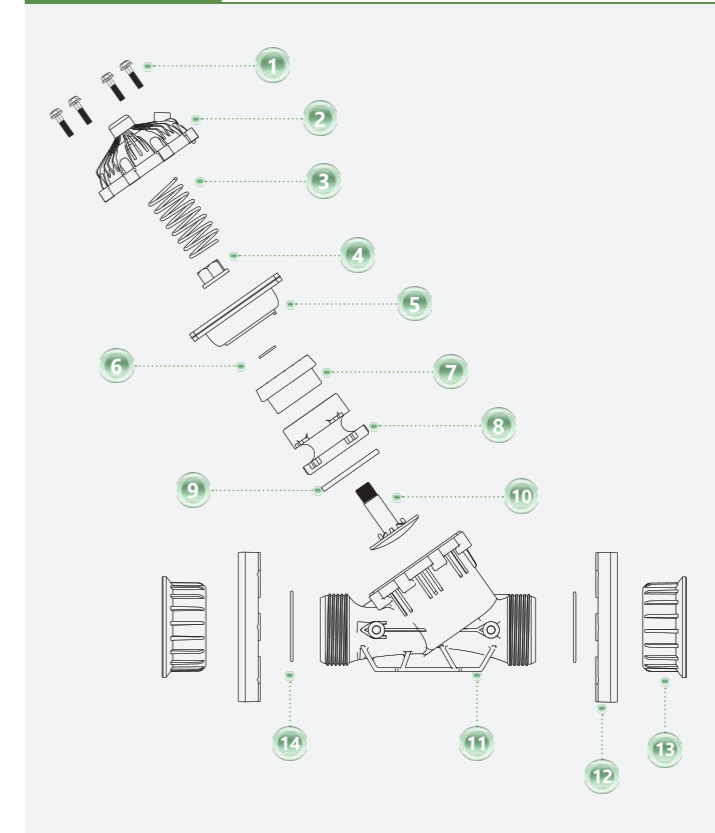
TYPICAL APPLICATIONS

- Irrigation System / Garden Irrigation
- Agriculture / Landscape Irrigation
- Greenhouses Irrigation / Water Filtration System
- Sprinkling Irrigation System
- Outdoor And Public Sewage Systems.
- Underground Irrigation System

SPARE PARTS

#	Accessories	Material
1	Bolt	SUS304
2	Bonnet	Nylon PA66
3	Spring	SUS304
4	Retainer Nut	Nylon PA66
5	Diaphragm	NR
6	O Ring-Diaphragm	NBR
7	Diaphragm Assembly	Nylon PA66
8	Diaphragm Retainer	Nylon PA66
9	Plug Seal	NR
10	Diaphragm support	Nylon PA66
11	Valve Body	Nylon PA66
12	Flange	Nylon PA66
13	Flange Adaptor	Nylon PA66
14	O Ring-Flange	NBR

SPARE PARTS



5 inch

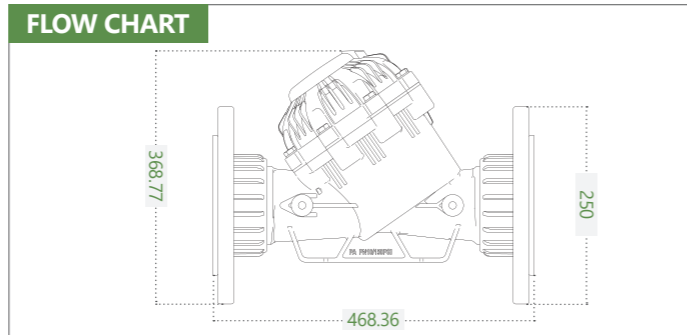


TYPE	
Size	5-inch, DN125
Inlet Size	Flanged
Material	Nylon PA66

OPTIMAL PERFORMANCE		
Max.Flow	125 m ³ /h	550 gal/min(us)
Max. Pre	1.0 MPa	145 PSI
Min. Pre	0.069 MPa	10 PSI
Max.Temp	60 °C	140 °F



ISO 9001

Agricultural
IrrigationStable &
Durable

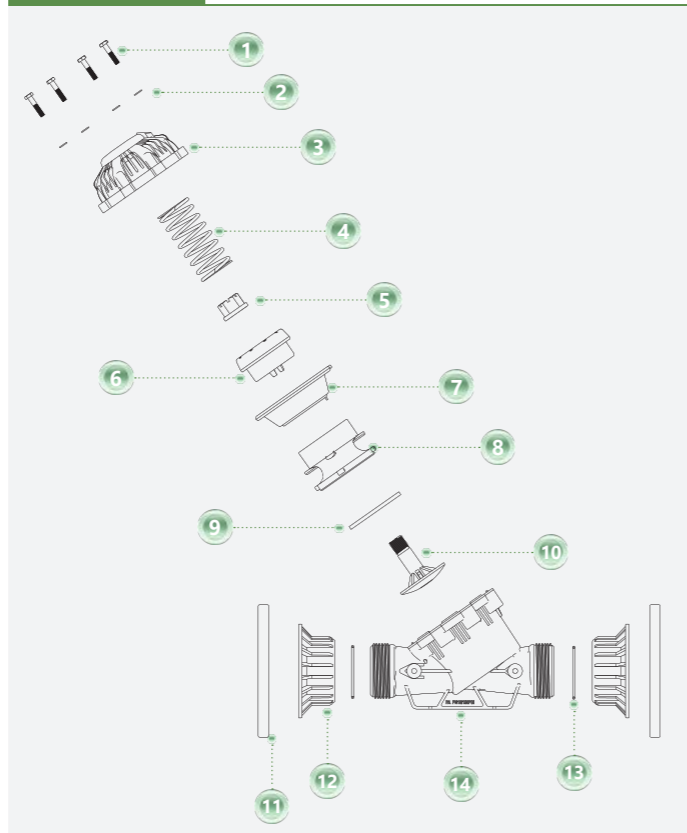
TYPICAL APPLICATIONS

- Irrigation System / Garden Irrigation
- Agriculture / Landscape Irrigation
- Greenhouses Irrigation / Water Filtration System
- Sprinkling Irrigation System
- Outdoor And Public Sewage Systems.
- Underground Irrigation System

SPARE PARTS

#	Accessories	Material
1	Bolt	SUS316
2	Bolt Washers	SUS316
3	Bonnet	Nylon PA66
4	Spring	S.S.304
5	Retainer Nut	Nylon PA66
6	Diaphragm Assembly	Nylon PA66
7	Diaphragm	NR
8	Diaphragm Retainer	Nylon PA66
9	Plug Seal	NR
10	Diaphragm support	Nylon PA66
11	Flange	Carbon Steel with Plastic Coating
12	Flange Adaptor	Nylon PA66
13	O Ring-Flange	NBR
14	Valve Body	Nylon PA66

SPARE PARTS



6 inch

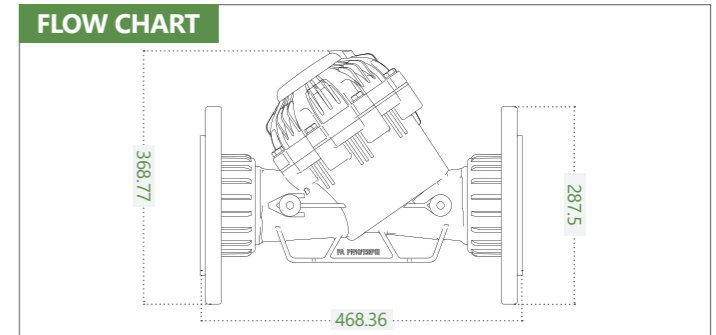


TYPE	
Size	6-inch, DN150
Inlet Size	Flanged
Material	Nylon PA66

OPTIMAL PERFORMANCE		
Max.Flow	210 m ³ /h	924 gal/min(us)
Max. Pre	1.0 MPa	145 PSI
Min. Pre	0.069 MPa	10 PSI
Max.Temp	60 °C	140 °F



ISO 9001

Agricultural
IrrigationStable &
Durable

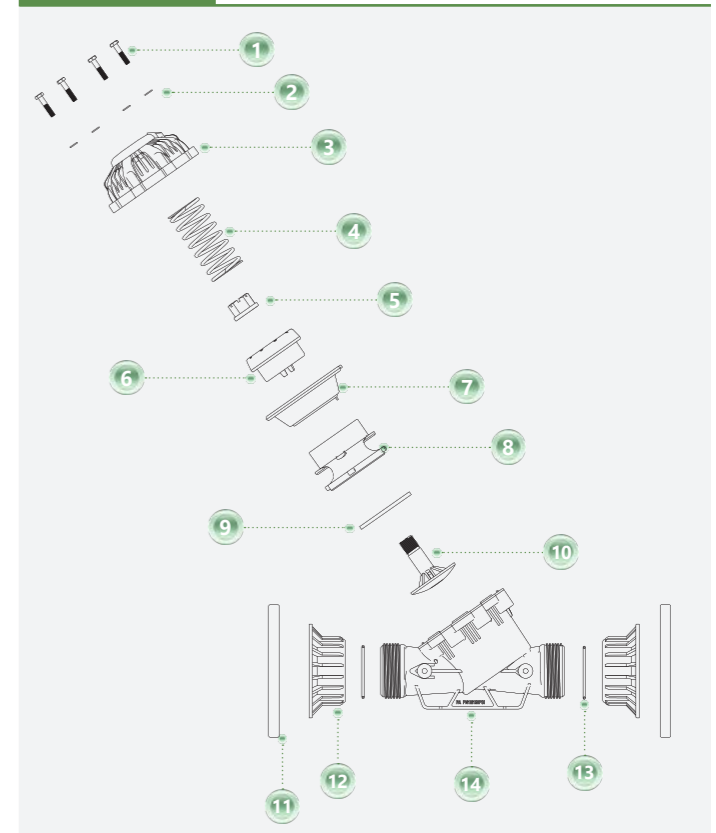
TYPICAL APPLICATIONS

- Irrigation System / Garden Irrigation
- Agriculture / Landscape Irrigation
- Greenhouses Irrigation / Water Filtration System
- Sprinkling Irrigation System
- Outdoor And Public Sewage Systems.
- Underground Irrigation System

SPARE PARTS

#	Accessories	Material
1	Bolt	SUS316
2	Bolt Washers	SUS316
3	Bonnet	Nylon PA66
4	Spring	S.S.304
5	Retainer Nut	Nylon PA66
6	Diaphragm Assembly	Nylon PA66
7	Diaphragm	NR
8	Diaphragm Retainer	Nylon PA66
9	Plug Seal	NR
10	Diaphragm support	Nylon PA66
11	Flange	Carbon Steel with Plastic Coating
12	Flange Adaptor	Nylon PA66
13	O Ring-Flange	NBR
14	Valve Body	Nylon PA66

SPARE PARTS



Water Filters



Multiple certifications
& Appearance certification



GLA100

TYPICAL APPLICATIONS

- Made of high-quality polypropylene material, strong and durable;
- Resistance to chemical attack;
- With a unique compact structure, easy handling and installation;
- Cartridge type both in disc and screen connection sizes: 3/4", 1", 1.5", 2";
- A cap threaded on at the auxiliary connection easy for the discharge of waste and pressure reduction;
- Reserved two connections for pressure gauge installation.



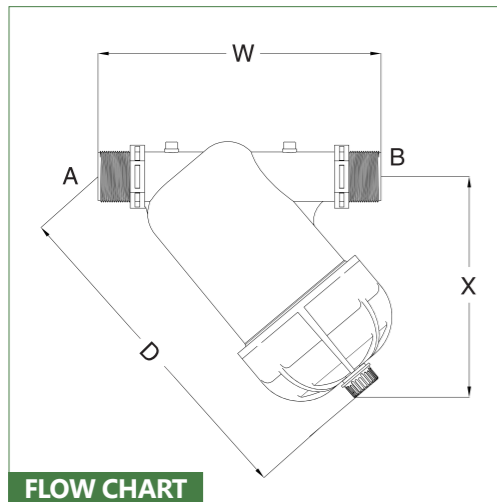
Filtration System



Easy installation



Strong & durable



FLOW CHART



1. DISC

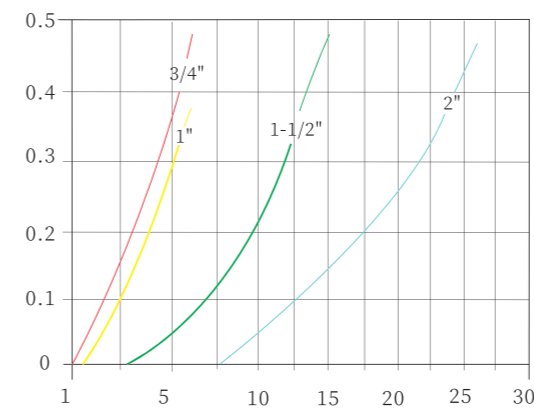
2. SCREEN



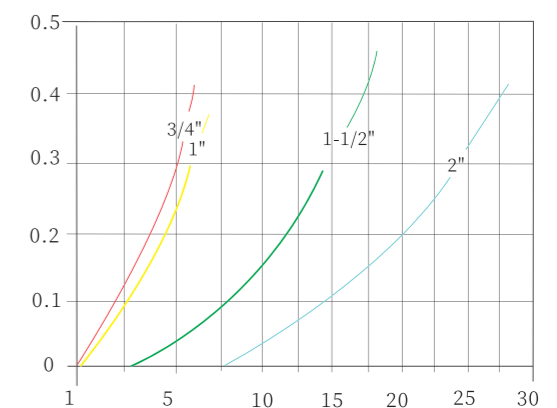
FILTRATION ELEMENT

Housing Material	Filter element Material
Modified PP	Disc: PP
Modified PP	Screen: S.S.304

HEAD LOSS (KG/CM2)-130 MM/120MESH



GLA100 Disc Flowrate (m³/h)



GLA100 Screen Flowrate (m³/h)

PRODUCT SIZE TABLE

Item No.	Connection Size		Size			Weight(g)
	A	B	W	X	D	
G100D20NB130	3/4\"BSP	3/4\"BSP	167	150	223	290
G100D25NB130	1\"BSP	1\"BSP	167	150	223	300
G100D40SB130	1.1/2\"BSP	1.1/2\"BSP	264	206	312	1160
G100D50NB130	2\"BSP	2\"BSP	264	206	312	1210
G100S20NB120	3/4\"BSP	3/4\"BSP	167	150	223	230
G100S25NB120	1\"BSP	1\"BSP	167	150	223	230
G100S40SB120	1.1/2\"BSP	1.1/2\"BSP	264	206	312	830
G100S50NB120	2\"BSP	2\"BSP	264	206	312	860

- NPT Thread available

PRODUCT SIZE TABLE

Connection	Max Flow Rate (m ³ /h)		Filtration surface (cm ²)		Working pressure (Bar)
	Disc	Screen	Disc	Screen	
3/4"	4	5	152	126	8
1"	5	6	152	126	8
1-1/2"	12	14	206	180	8
2"	22	24	362	328	8

GLA200

TYPICAL APPLICATIONS

- Made of high-quality polypropylene material, strong and durable;
- The hydraulic design of the filter minimizes head loss, saving energy and optimizing its performance;
- The system permits a wide range of flow rates and configurations using minimal components;
- Innovative disc design with depth filter traps retains a large amount of impurity;
- Various types of connections available: BSP VIC and Flange;
- Auxiliary connection for drain & pressure release; Resistance to chemical attack;
- Reserved two connections for pressure gauge installation;
- No tools are needed for maintenance and installation.



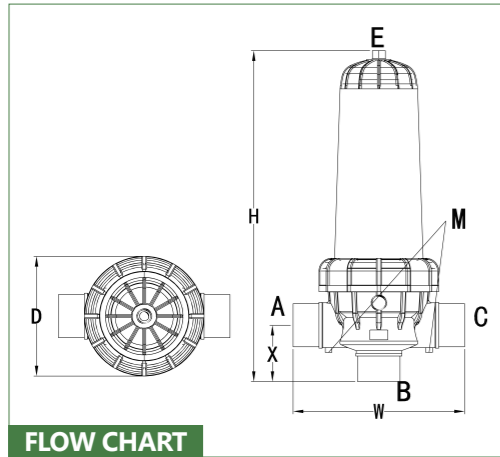
Filtration System



Easy installation



Strong & durable



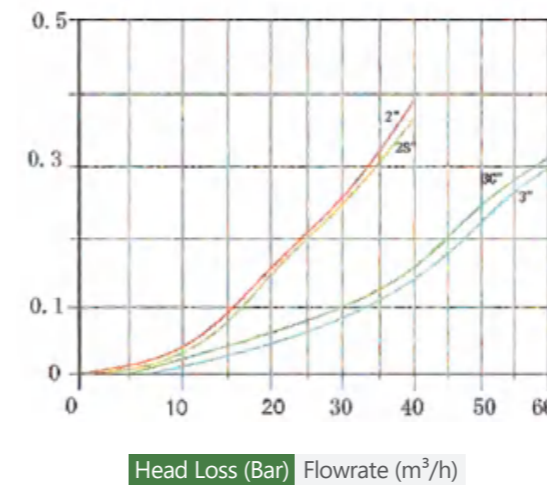
GLA200 MATERIAL

Housing		Modified PP
Disc		Modified PP
Thread Cap		Reinforced PA6
Sealing element		NBR

PRODUCT SIZE TABLE

ITEM NO.	Max Flow Rate (m ³ /h)	Filtration surface (cm ²)	Working pressure(Bar)
G200D50NB	25	1060	10
G200D50SB	30	1680	10
G200D80CB	30	1060	10
G200D80NB	40	1680	10
G200D80DNB	50	2120	10
G200D80DSB	60	3360	10

G200 DISC HEAD LOSS(130 MICRON)



PRODUCT SIZE TABLE

Item No.	Connection Size					Size				Weight (kg)
	A	B	C	E	M	H	W	X	D	
G200D50NB	2"BSP	2"BSP	2"BSP	3/4"BSP	1/4"BSP	495	334	110	223	4.18
G200D50SB	2"BSP	2"BSP	2"BSP	3/4"BSP	1/4"BSP	643	334	110	223	5.38
G200D80CB	3"BSP	3"BSP	3"BSP	3/4"BSP	1/4"BSP	495	334	110	223	4.30
G200D80NB	3"BSP	3"BSP	3"BSP	3/4"BSP	1/4"BSP	643	334	110	223	5.44
G200D80DNB	3"BSP		3"BSP	3/4"BSP	3/4"BSP	773	334	114	223	7.60
G200D80DSB	3"BSP		3"BSP	3/4"BSP	3/4"BSP	1066	334	114	223	9.84

GLA300

TYPICAL APPLICATIONS

- Made of reinforced PA6 with glass fiber added, ultra strength and durability, extending service lifetime;
- The hydraulic design of the filter minimizes head loss saving energy and optimizing its performance;
- Resistance to chemical attack;
- The system permits a wide range of flow rates and configurations using minimal components;
- Various types of connections are available: BSP VIC and Flange.



Filtration System



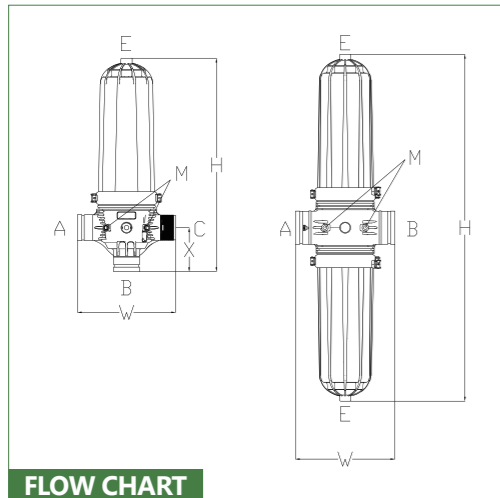
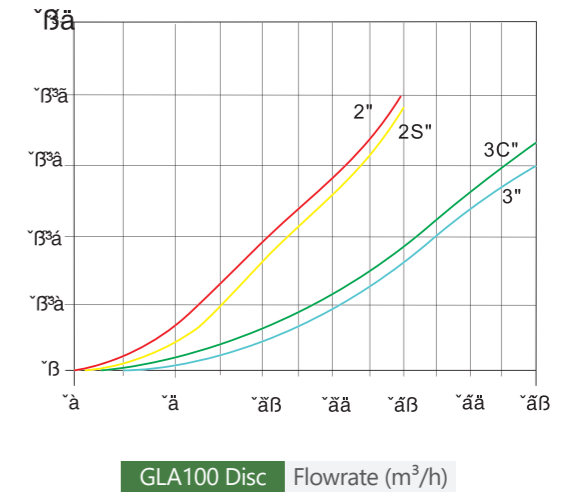
Easy installation



Strong & durable



G300 DISC HEAD LOSS(130 MICRON)



FILTRATION ELEMENT

Housing:	Reinforced PA6		Disc:	Modified PP
S.S.Clamp:	S.S.304		Sealing:	NBR

PRODUCT SIZE TABLE

ITEM NO.	Max Flow Rate (m ³ /h)	Filtration surface (cm ²)	Working pressure(Bar)
G300D50NB	30	1220	10
G300D50SB	40	1380	10
G300D80CB	40	1220	10
G300D80NB	50	1730	10
G300D80DNM	60	3460	10
G300D80DSM	80	3460	10
G300D100DNM	70	3460	10
G300D100DSM	100	3460	10

PRODUCT SIZE TABLE

Item No.	Connection Size			Size					Weight (kg)
	A	B	C	E	M	H	W	X	
G300D50NB	2"BSP	2"BSP	2"BSP	3/4"BSP	1/4"BSP	599	310	134	6.58
G300D50NN	2"NPT	2"NPT	2"NPT						
G300D50NL	2"VIC	2"VIC	2"BSP						
G300D50NM	2"VIC	2"BSP	2"VIC						
G300D50SB	2"BSP	2"BSP	2"BSP	3/4"BSP	1/4"BSP	723	310	134	8.18
G300D50SN	2"NPT	2"NPT	2"NPT						
G300D50SL	2"VIC	2"VIC	2"BSP						
G300D50SM	2"VIC	2"BSP	2"VIC						
G300D80CB	3"BSP	3"BSP	3"BSP	3/4"BSP	1/4"BSP	605	337	148	6.74
G300D80CN	3"NPT	3"NPT	3"NPT						
G300D80CL	3"VIC	3"VIC	3"BSP						
G300D80CM	3"VIC	3"BSP	3"VIC						
G300D80NB	3"BSP	3"BSP	3"BSP	3/4"BSP	1/4"BSP	729	337	148	8.34
G300D80NN	3"NPT	3"NPT	3"NPT						
G300D80NL	3"VIC	3"VIC	3"BSP						
G300D80NM	3"VIC	3"BSP	3"VIC						
G300D80DNM	3"VIC	3"VIC	/	3/4"BSP	1/4"BSP	950	212	341	14.58
G300D80DSM	3"VIC	3"VIC	/						
G300D100DNM	4"VIC	4"VIC	/			1200			
G300D100DSM	4"VIC	4"VIC	/						

GLA600

TYPICAL APPLICATIONS

- Made of reinforced PA6 with glass fiber added , ultra strength and durability, extending service lifetime
- The hydraulic design of the filter minimizes the head loss
- Resistance to chemical attack
- The system permits a wide range of flow rates and configurations using a minimal components
- The Helix technology creates a centrifugal water flow driving big particles away from the cartridge increase the filtration efficiency while decrease the frequency of maintenance
- Innovative disc design with depth filter traps retains large amount of impurity.



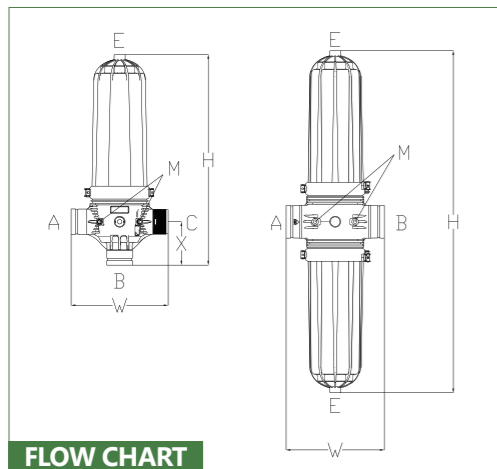
Filtration System



Easy installation



Strong & durable



FLOW CHART

1. SPLICED TOGETHER

2. STACKED FILTER



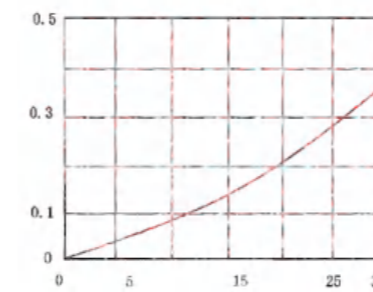
GLA200 MATERIAL

Housing		Reinforced PA6 with glass fiber
Disc		Modified PP
S.S. Clamp		S.S.304
Sealing		NBR

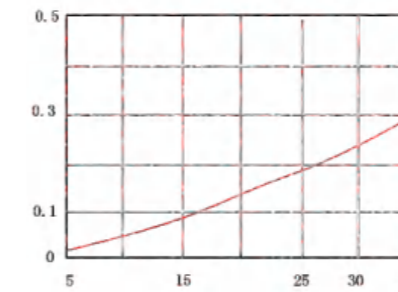
PRODUCT SIZE TABLE

Automatic backwashfilter unit	Flow Rate m3/h	Filtration Surface	Min Pressure	Min Pressure
		Filtration Stage cm ²	Kg/cm ²	Backwash Stage l/s
G600D50SL	25	1520	10	3
G600D80NL	30	1520	10	3
G600D80DSM	50	1520	10	3
G600D100DSM	60	3040	10	6

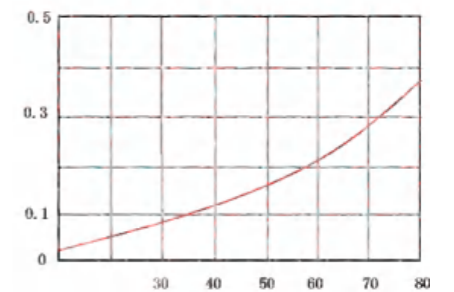
AUTOMATIC BACKWASH FILTER UNIT PERFORMANCE(130 MICRON)



G50 Head Loss (Bar) Flowrate (m³/h)



G80 Head Loss (Bar) Flowrate (m³/h)



G100 Head Loss (Bar) Flowrate (m³/h)

PRODUCT SIZE TABLE

Item No.	Connection Size			Size					Weight (kg)
	A	B	C	E	M	H	W	X	
G600D50SL	2"VIC	2"VIC	2"BSP	3/4"BSP	1/4"BSP	741	334	152	8.88
G600D80SL	3"VIC	3"VIC	3"BSP	3/4"BSP	1/4"BSP	741	334	152	8.80
G600D80DSM	3"VIC	3"VIC		3/4"BSP	1/4"BSP	1206	334	152	15.00
G600D100DSM	4"VIC	4"VIC		3/4"BSP	1/4"BSP	1206	334	152	15.76

GLS2000

TYPICAL APPLICATIONS

- Helix creates centrifugal action optimizes the filtration performance and reduce backwashfrequency and maintenance
- All components are made of high quality virgin materials,unique design guarantee an extendedlife with high resistance
- Versatility and compatibility of filter permits system a wide range offlow and configurations.asytoinstalland maintenance
- A piston system to compact the filter elements allows for easy decompression of the disc stackduring backwash
- High efficiency filtration system and backflush system save the water and energy.



- Filtration System
- Easy installation
- Strong & durable



MATERIAL

Parts	2S.3N.3DN.4DN
Housing	Reinforced PA6 with glass fiber added
Disc	PP
Sealing parts	Naturalrubber+S.S.304 Clamp
Cartridge Framework	Reinforced PA6 with glass fiber added
Piston part	Reinforced PA6 with glass fiber added

PRODUCT SIZE TABLE

ITEM NO.	Flow Rate (m ³ /h)	Filtration surface (cm ²)	Backwash pressure(Bar)	Backwash flow rate.(S/L)
G600D50S	25	1520	2.8	3
G600D80N	30	1520	2.8	3
G600D100N	50	3040	2.8	6

FILTRATION GRADE

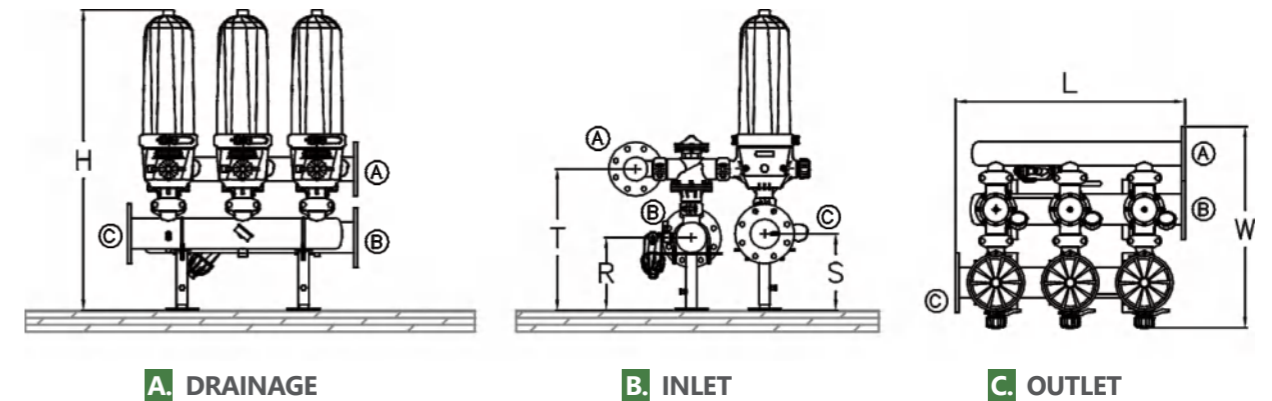
- 200 micron(75 mesh)
- 100 micron(150 mesh)
- 130 micron(120 mesh)
- 50micron(300mesh)

PRODUCT SIZE TABLE

ITEM NO.	Flow Rate (m ³ /h)	Filtration surface (cm ²)	Max pressure (Bar)	Backwash flow rate.(S/L)
GLSH202-3F	30-50	3040	10	3
GLSH203-4F	60-75	4560	10	3
GLSH204-4F	80-100	6080	10	3
GLSH205-6F	100~125	7600	10	3



AUTOMATIC BACKWASH FILTER UNIT PERFORMANCE(130 MICRON)



PRODUCT SIZE TABLE

Item No.	Description	Size					
		L	W	H	R	T	S
GLSH202-3F	2pcs of filter unit and 3" pipes	575	745	1087	256	498	270
GLSH203-4F	3pcs of filter unit and 4" pipes	850	745	1112	269	523	284
GLSH204-4F	4pcs of filter unit and 4" pipes	1125	745	1112	269	523	284
GLSH205-6F	5pcs of filter unit and 6" pipes	1400	773	1163	295	574	309

GLS3000

TYPICAL APPLICATIONS

- Helix creates centrifugal action optimizes the filtration performance and reduce backwashfrequency and maintenance
- All components are made of high quality virgin materials,unique design guarantee an extendedife with high resistance
- Versatility and compatibility of filter permits system a wide range offlow and configurations.asytoinstaland maintenance
- A piston system to compact the filter elements allows for easy decompression of the disc stackduring backwash
- High efficiency filtration system and backflush system save the water and energy.



- Filtration System
- Easy installation
- Strong & durable



MATERIAL

Parts	2S.3N.3DN.4DN
Housing	Reinforced PA6 with glass fiber added
Disc	PP
Sealing parts	Naturalrubber+S.S.304 Clamp
Cartridge Framework	Reinforced PA6 with glass fiber added
Piston part	Reinforced PA6 with glass fiber added

PRODUCT SIZE TABLE

ITEM NO.	Flow Rate (m ³ /h)	Filtration surface (cm ²)	Backwash pressure(Bar)	Backwash flow rate.(S/L)
G600D50S	25	1520	2.8	3
G600D80N	30	1520	2.8	3
G600D100N	50	3040	2.8	6

FILTRATION GRADE

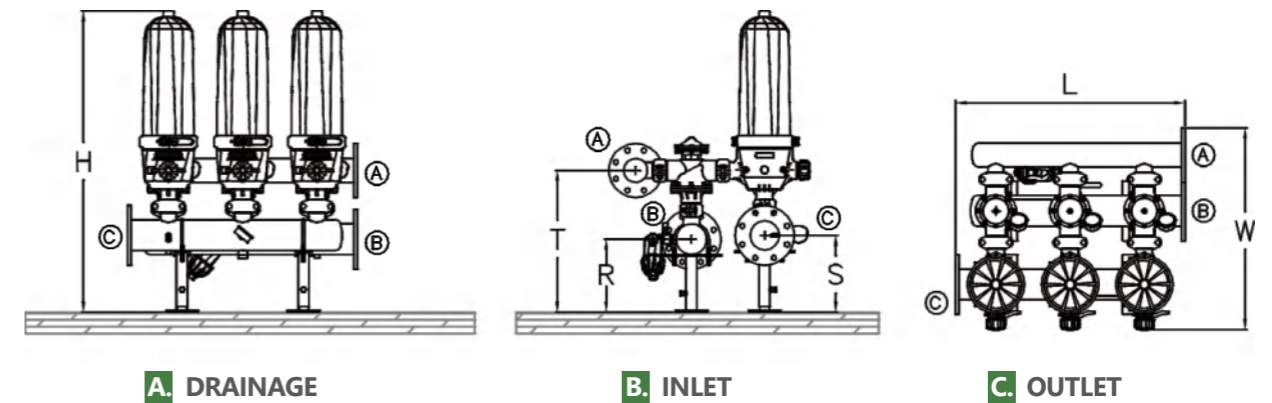
- 200 micron(75 mesh)
- 100 micron(150 mesh)
- 130 micron(120 mesh)
- 50micron(300mesh)

PRODUCT SIZE TABLE

ITEM NO.	Flow Rate (m ³ /h)	Filtration surface (cm ²)	Max pressure (Bar)	Backwash flow rate.(S/L)
GLSH303-6F	90~105	4560	10	3
GLSH304-6F	120~140	6080	10	3
GLSH305-6F	150~180	7600	10	3
GLSH306-6F	180~210	9552	10	3
GLSH307-8F	210~245	10640	10	3
GLSH308-8F	240~280	12160	10	3



AUTOMATIC BACKWASH FILTER UNIT PERFORMANCE(130 MICRON)



PRODUCT SIZE TABLE

Item No.	Description	Size					
		L	W	H	R	T	S
GLSH303-6F	3pcs of filter unit and 6" pipes	850	830	1205	295	616	337
GLSH304-6F	4pcs of filter unit and 6" pipes	1125	830	1205	295	616	337
GLSH305-6F	5pcs of filter unit and 6" pipes	1400	830	1205	295	616	337
GLSH306-8F	6pcs of filter unit and 8" pipes	1675	840	1259	322	670	364
GLSH307-8F	7pcs of filter unit and 8" pipes	1950	840	1259	322	670	364
GLSH308-8F	8pcs of filter unit and 8" pipes	2225	840	1259	322	670	364

GLS4000

TYPICAL APPLICATIONS

- Helix creates centrifugal action optimizes the filtration performance and reduce backwash frequency and maintenance
- All components are made of high quality virgin materials, unique design guarantee an extended life with high resistance
- Versatility and compatibility of filter permits system a wide range of flow and configurations. as to install and maintenance
- A piston system to compact the filter elements allows for easy decompression of the disc stack during backwash
- High efficiency filtration system and backflush system save the water and energy.



- Filtration System
- Easy installation
- Strong & durable



MATERIAL

Parts	2S.3N.3DN.4DN
Housing	Reinforced PA6 with glass fiber added
Disc	PP
Sealing parts	Natural rubber + S.S.304 Clamp
Cartridge Framework	Reinforced PA6 with glass fiber added
Piston part	Reinforced PA6 with glass fiber added

PRODUCT SIZE TABLE

ITEM NO.	Flow Rate (m³/h)	Filtration surface (cm²)	Backwash pressure (Bar)	Backwash flow rate (S/L)
G600D50S	25	1520	2.8	3
G600D80N	30	1520	2.8	3
G600D100N	50	3040	2.8	6

FILTRATION GRADE

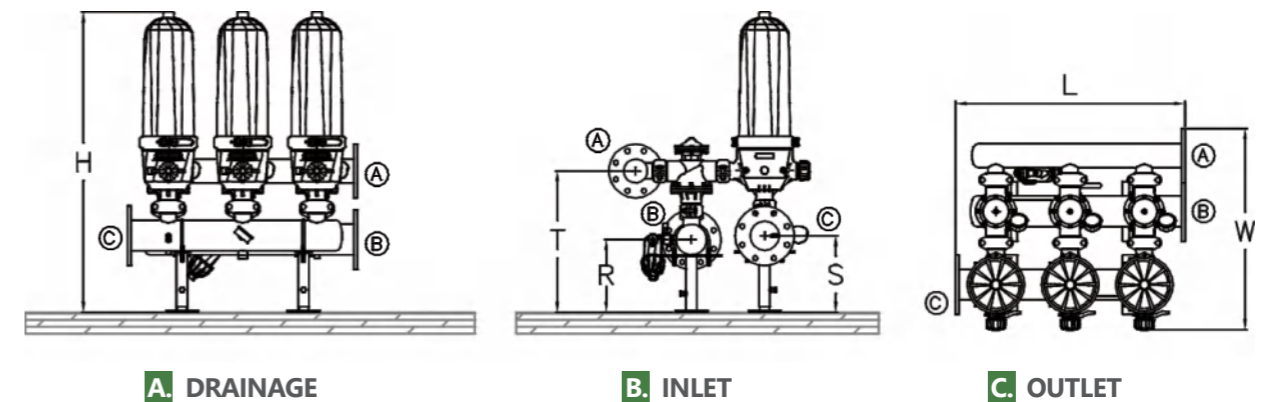
- 200 micron (75 mesh)
- 100 micron (150 mesh)
- 130 micron (120 mesh)
- 50 micron (300 mesh)

PRODUCT SIZE TABLE

ITEM NO.	Flow Rate (m³/h)	Filtration surface (cm²)	Max pressure (Bar)	Backwash flow rate (S/L)
GLSH403-6F	150~180	9120	10	6
GLSH404-8F	200~240	12160	10	3
GLSH405-8F	250~300	15200	10	3
GLSH406-10F	300~360	18240	10	3
GLSH407-10F	350~420	21280	10	3
GLSH408-12F	400~480	24320	10	3
GLSH409-12F	450~540	27360	10	3
GLSH410-12F	500~600	30400	10	3



AUTOMATIC BACKWASH FILTER UNIT PERFORMANCE (130 MICRON)



PRODUCT SIZE TABLE

Item No.	Description	Size					
		L	W	H	R	T	S
GLSH403-6F	3pcs of filter unit and 6" pipes	950	1200	1765	320	623	1266
GLSH404-8F	4pcs of filter unit and 8" pipes	1225	1200	1765	320	623	1266
GLSH405-8F	5pcs of filter unit and 8" pipes	1500	1200	1875	350	680	1350
GLSH406-10F	6pcs of filter unit and 10" pipes	1775	1200	1875	350	680	1350
GLSH407-10F	7pcs of filter unit and 10" pipes	2050	1200	1990	390	754	1442
GLSH408-12F	8pcs of filter unit and 12" pipes	2325	1200	1990	390	754	1442
GLSH409-12F	9pcs of filter unit and 12" pipes	2725	1200	2110	440	826	1546
GLSH410-12F	10pcs of filter unit and 12" pipes	3000	1200	2110	440	826	1546

Integrated Irrigation Diagram

The hydraulic design of the filter minimizes the head loss, saving energy and optimizing its performance. Made of high quality polypropylene material, strong and durable.

