

MY IRIGACIO WORLD

Established in 2016, the objective of My Irigacio World is to bring in the happiness and prosperity in the families and life of Indian Farmers. The idea is to work on the advanced technologies and products available globally and made them available to Indian consumers at an affordable price without compromising on the quality of the system.

Considering the dynamics of Indian Irrigation Industry and to address the agriculture needs, our team of well qualified engineers with enormous experience, works on simulation of products through highly advanced software to study the water flow while designing the products and make them more efficient, with endeavour to provide the best. The wide range of Irrigation Products includes Rotating Sprinklers, Winkler, Mikro, Butterfly, Superfly, Screen, Disc & Automatic Filters, Flush Valves, Airvents, Pressure Release Valves, Control Valves, Pressure Gauges, Drip Fittings, Irrigation Controllers, Solenoid Valves etc.

Beyond our offering to the farmers, we also offer Fully Automatic Irrigation Solutions for Kitchen Gardens, Terrace Gardens, Potted Plants etc. to individuals specifically in metro cities in India. We also provides consultancy services and design services to Landscape Consultant, Principal Architect, PMC, Development Authority and Irrigation Dealers for public parks, Hockey Stadium, Football Grounds, Residential Colonies, Airports and other Establishments in association with K-Rain USA, the world's second oldest and one of the largest Rotor Sprinkler manufacturer in the world.

Today My Irigacio World is associated with number of global companies manufacturing technologically updated products as their authorised trading partner for India

Mission Statement

My Irigacio World aims to bring down the overall Irrigation System cost without compromising the quality and efficiency of the product in order to make the Irrigation System affordable to Indian consumers.

Working Towards Making Irrigation Smarter ...

Features

- Available with Quick Thread Connection which can be directly inserted in 4x6 or 4x7 mm Micro Tube.
- Also available with ½" Male Thread Connection.
- Easily openable bayonet hook to clean the sprinkler.
- Anti-Insect mechanism prevents insect penetration into the area of the sprinkler's nozzle.
- Micro-sprinkler made of plastic materials resistant to all agrochemicals & weather conditions.
- Comes with inbuilt provision to install sprinkler directly on stake or plastic stick of 8mm/6mm.
- Range of Operating Pressure : 1.0 kg/cm² - 3.0 kg/cm².
- Flow Rate Range : 27 LPH - 137 LPH
- Recommended Spacing 4x4mtr, 5x5mtr & 6x6mtr.



Applications

- For Overhead Irrigation in Orchard, Nurseries, Green Houses and Vegetable Crops.
- For irrigation of widely spaced plants upto 6x6 mtr spacing at Agri-Stand.
- Ideal for Frost Protection and Overhead Cooling.



PERFORMANCE TABLE

Nozzle Size (mm)	Nozzle Colour	Swivel Colour	1Kg/cm ²		1.5 Kg/cm ²		2 Kg/cm ²	
			Flow Rate* LPH	Diameter* (mtr)	Flow Rate* LPH	Diameter* (mtr)	Flow Rate* LPH	Diameter* (mtr)
0.75	Brown	Purple	27	4.10	35	4.50	40	5.00
1.00	Grey		45	5.00	56	5.80	61	6.25
1.25	Blue		72	6.25	82	6.95	91	7.25
1.50	Yellow		106	7.10	123	7.80	137	8.00

*Performance is based on ideal conditions of wind velocity, humidity & temperature



Features

- Available in ½" and ¾" BSP Male Threaded Connection.
- Different sizes of nozzle options available.
- Operating Pressure Range of 0.75kg/cm² to 2kg/cm².
- Made out of High Grade Engineering Plastic.
- UV Stabilized and resistant from organic and inorganic chemicals normally used in farming.
- No dry patch due to continuous rotation of body while functioning.
- Excellent uniformity in distribution of water even at low pressure.
- Counterbalance reduces vibrations for smooth and stable performance.

Applications

- High Volume, Low Pressure Sprinkler suitable for Overhead Irrigation.
- Spray of water soluble fertilizers and pesticides.
- Ideal for Irrigation in Pastures, all type of Tubular Crops, Pulses, Horticulture, Floriculture etc.
- Maximized area of coverage for Under Tree Application and Nursery Canopy Applications.



PERFORMANCE TABLE				
Nozzle Size (mm)	Nozzle Colour	Pressure Kg/cm ²	Flow Rate* LPH	Diameter* (mtr)
3.10	Green	0.75	310	10.00
		1.25	385	11.25
		1.75	440	12.00
		2.00	494	12.50
4.50	Grey	0.75	610	11.00
		1.25	750	12.00
		1.75	865	12.50
		2.00	970	13.00
5.0	Black	0.75	860	13.00
		1.25	1050	13.50
		1.75	1220	14.00
		2.00	1365	14.50

*Performance is based on ideal conditions of wind velocity, humidity & temperature

Features

- ½" Male Threaded Connection.
- Flow Range : 250 LPH to 560 LPH.
- Nozzle and Body made of Engineering Plastic.
- Operating Pressure Range : 1Kg/cm² to 2 Kg/cm².
- Recommended Spacing 4x4, 5x5 and 6x6 mtr.
- Robust Structure to with-stand in adverse whether conditions.
- Self Rotating Bridge for excellent uniformity and leaves no dry patches on the field.

Applications

- Overhead Irrigation of Close Spacing Crops like Ginger, Onion, Potato And Other Tubular Crops.
- Suitable for crops require more water.
- Widely Spaced Crops and Medical Plant



½" & ¾"

PERFORMANCE TABLE				
Nozzle Size (mm)	Nozzle Colour	Pressure (Kg/cm ²)	Flow Rate* LPH	Diameter* (mtr)
2.5	Red	1.0	243	10.50
		1.5	290	11.00
		2.0	338	12.00
2.8	Blue	1.0	301	11.00
		1.5	366	12.00
		2.0	428	12.25
3.1	Green	1.0	396	11.00
		1.5	490	12.25
		2.0	560	12.50

*Performance is based on ideal conditions of wind velocity, humidity & temperature

* Tested on 100 cm riser height.



Superfly® is a Rotating Sprinkler used for Domestic irrigation and Agriculture Irrigation in big fields. The Water can be Sprinkled up to 18Feet.

The product could be fixed on PVC pipe risers or on a plastic or metal spike at the height of 1mtr. above ground at various distances within the field.

Useful for irrigation in Garden Lawns, Widely spaced crops, Tubular crops, etc.

Features

- ½" & ¾" Male Threaded Connection.
- Flow Range: 450 LPH TO 1020 LPH.
- Operating Pressure Range: 0.5 kg/cm² to 2.00 kg/cm²
- Nozzle and Body made of Engineering Plastic.
- Recommended Spacing 4x4, 5x5, and 6x6 Meters.
- Robust Structure to withstand adverse weather conditions.
- Self Rotating Bridge for excellent uniformity and leaves no dry patches on the field.

Applications

- Overhead Irrigation of Close Spacing Crops like Ginger, Onion, Potato And Other Tubular Crops.
- Suitable for crops require more water.
- Widely Spaced Crops and Medical Plant



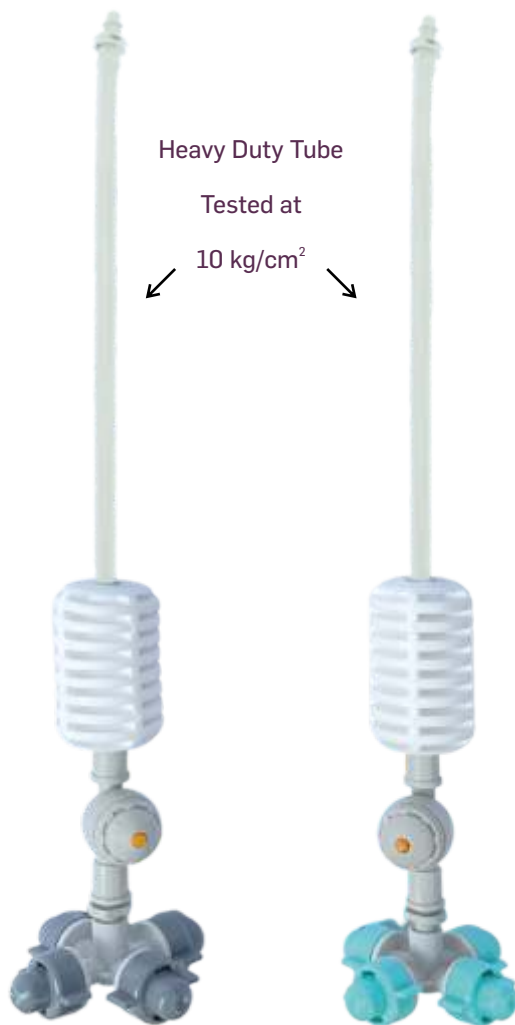
½" & ¾"



PERFORMANCE TABLE			
Size	Pressure (Kg/cm ²)	Flow Rate* LPH	Diameter* (mtr)
½"	0.5	448	11.00
	1.0	620	12.00
	1.5	795	12.00
	2.0	810	13.00
¾"	0.5	573	12.00
	1.0	776	13.00
	1.5	996	13.50
	2.0	1030	14.00

*Performance is based on ideal conditions of wind velocity, humidity & temperature

* Tested on 100 cm riser height.



Features

- Irriworld Foggers are fitted with specially designed Anti Drip device which instantly prevents dripping after each irrigation cycle.
- When the pressure is above 1.5kg/cm^2 the Anti Drip device is turned on and the fogger start operating.
- When water pressure falls below 0.7kg/cm^2 the Anti Drip device shuts down and fogger stop operating.
- Bridgeless design eliminates dripping
- Droplet of average size of 65 microns gets uniformly distributed at nominal pressure.
- Acid resistant raw material allows the application of chemicals commonly used in agriculture.
- The system can also be cleaned by application of suitable acid treatment.

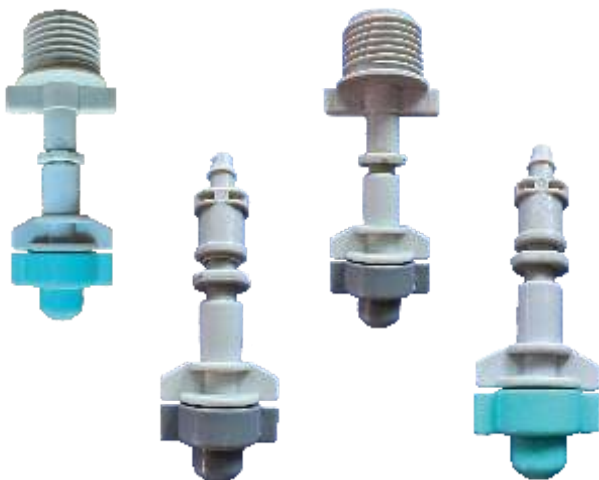
Applications

- Specially designed for cooling / humidifying Greenhouses, Irrigation over Rooting Table.
- Creating perfect condition for Plant Propagation and Seed Germination.
- Cooling and humidifying of Poultry Sheds, Cow Shed and Other Livestock.

Technical Specifications

- Recommended Working Pressure 4.0kg/cm^2
- Recommended Filtration 120mesh (130 micron)
- Press-fit type Inlet Connector
- Pressure Range 2.5kg/cm^2 to 5kg/cm^2
- Average Droplet size of 65 micron at recommended Pressure of 4Kg/cm^2

MISTING NOZZLES



FLOW RATE (LPH)		
Fogger Type	Turquoise Nozzle	Grey Nozzle
1 Way	5.5	7.0
4 Way	22.0	28.0

Flow rate 4 Kg/cm^2

PERFORMANCE CHART*		
Pressure Kg/cm^2	Turquoise Nozzle (mtr.)	Grey Nozzle (mtr.)
2.5	1.0	1.0
3.0	1.0	1.2
3.5	1.1	1.3
4.5	1.2	1.4

*Under Ideal Condition Maximum distance of particle thrown by fogger at respective pressure

Y-TYPE SCREEN / DISC FILTER

Features

- Micron - Precise filtration.
- Innovative depth filter traps/retains large amounts of solids.
- Resistant to chemical products.
- Easy installation, easy maintenance.
- Auxiliary connection for drain & connecting pressure gauge.

Applications

Y-Type filters are applicable to low flow water filtering for Rain Water Harvesting, Agriculture Irrigation and Garden Irrigation

TECHNICAL SPECIFICATIONS			
Model	Connections BSP	Max Flow (m ³ /hr)	Filtering Surface (cm ²)
MI 25YS	¾"	6	160
MI 32YS	1"	8	160
MI25YD	¾"	6	160
MI32YD	1"	8	160

BENEFITS

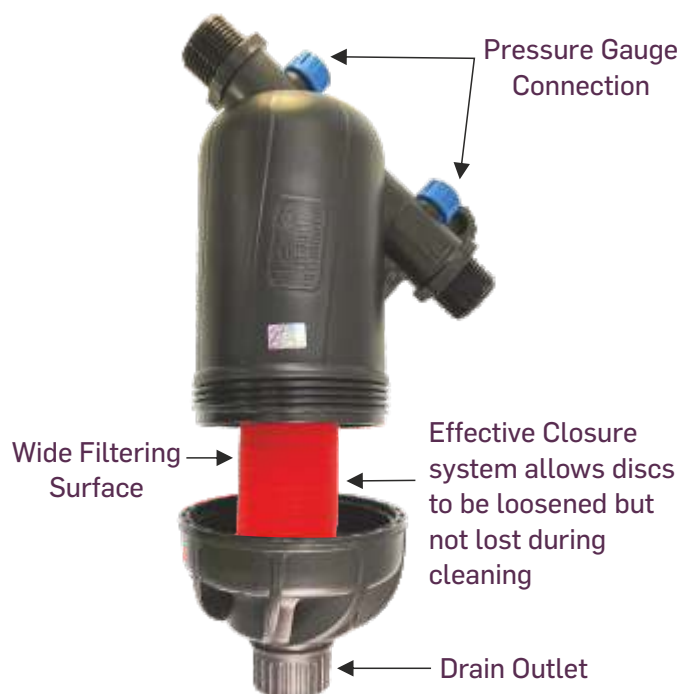
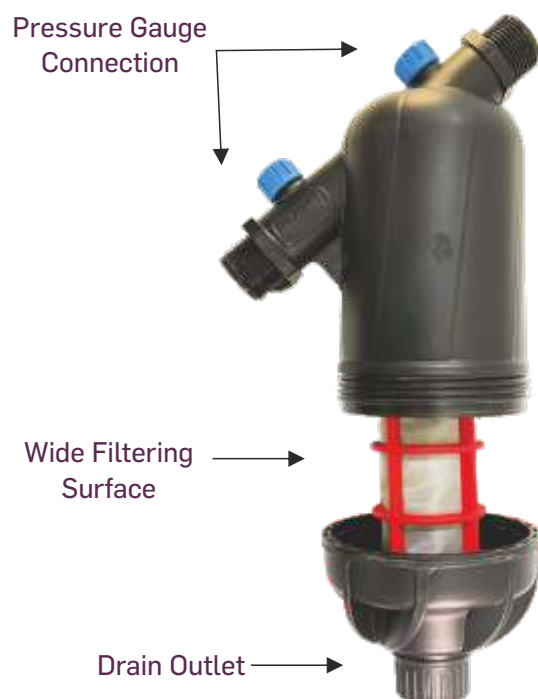
When clean water enters the home, it results in extended life of Sanitary Fittings and other water appliances.



EASY TO CLEAN



Y-TYPE SCREEN / DISC FILTER



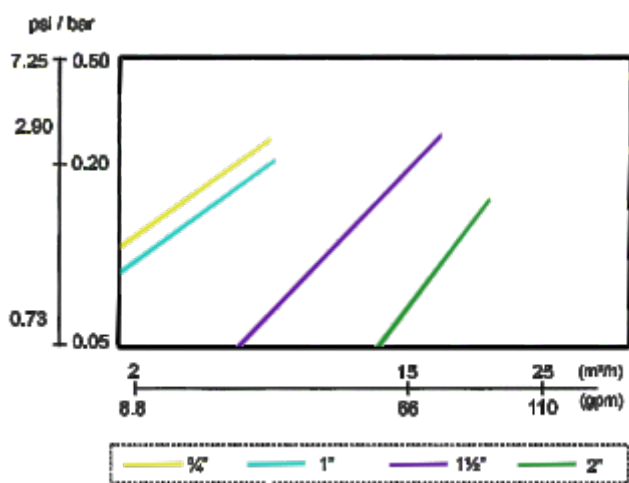
Double Weaved Screen Technology

With the application of delicate weaving craftsmanship of stainless steel wire Y-Type Screen Filter is easy to be weaved into micron - grade filter screen enjoying high flexibility. Corrosion, acid and alkaline resistant.

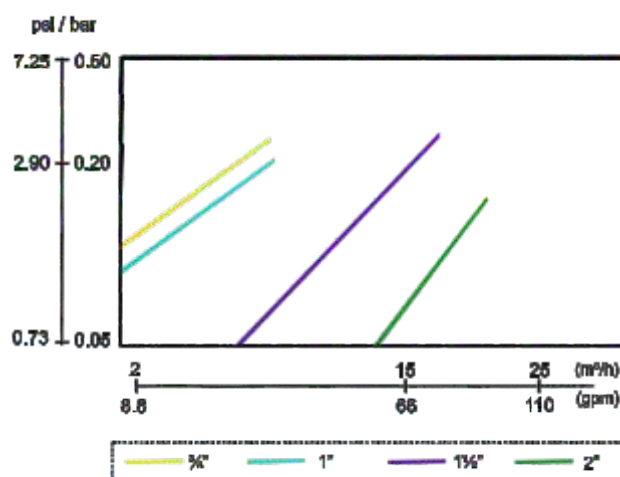


Unique Disc Technology

The discs are diagonally grooved on both side in opposite directions. A series of discs are stacked and compressed on a specially designed filter spine. The force of the spine along with the differential pressure firmly compresses these discs together, providing exceptional filtration efficiency.



Note: The flow rate will fluctuate with different water quality.



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T-TYPE SCREEN FILTER

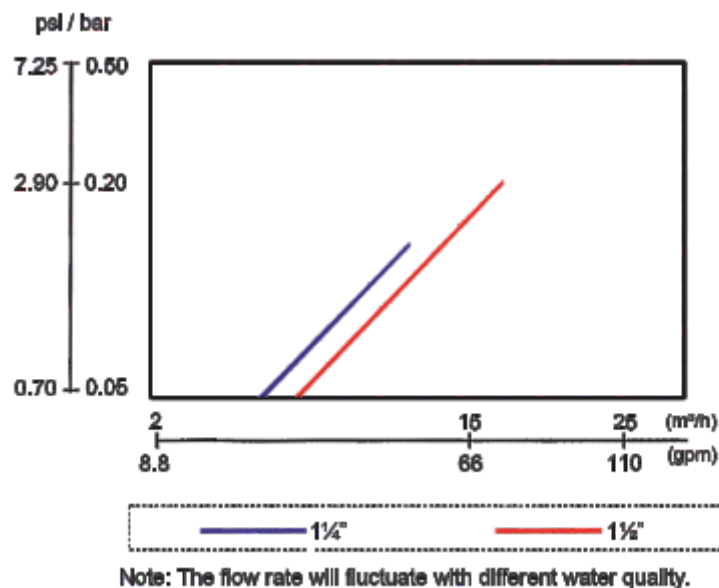
Features

- Micron - Precise filtration.
- Durable SS filter screen with corrosion, acid and alkali resistant features.
- Low cost with excellent performance.
- Easy Installation, Easy Maintenance.
- Auxiliary Connection for Drain & Connecting Pressure Gauge.

Applications

T-Type Screen Filters are applicable to Low Flow Water Filtering for Household Water, Rain Water Harvesting, Agriculture Irrigation and Garden Irrigation. In Built-in pressured pipeline T-Type Screen filter will effectively filter out particles.

TECHNICAL SPECIFICATIONS			
Model	Connections BSP	Max Flow (m ³ /hr)	Filtering Surface (cm ²)
MI 40TS	1¼"	16	416
MI 50TS	1½"	18	416



Double Weaved Screen Technology

With the application of delicate weaving craftsmanship of stainless steel wire T-Type Screen Filter is easy to be weaved into micron-grade filter screen enjoying high flexibility. Corrosion, acid and alkaline resistant.



T-TYPE DISC FILTER

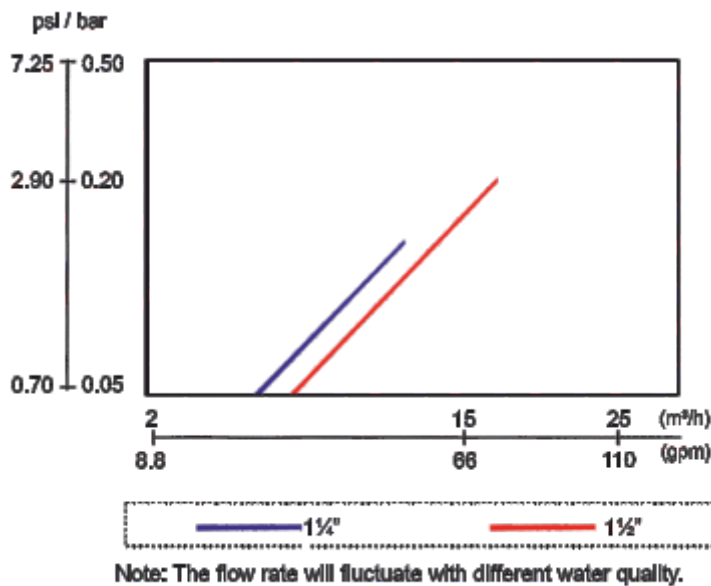
Features

- Compact structure for low flow rate & Micron-Precise filtration.
- Innovative depth filter traps/retains large amounts of solids.
- Resistant to chemical products.
- Easy Installation, Easy Maintenance.
- Auxiliary Connection for Drain & Connecting Pressure Gauge.

Applications

T-Type Disc Filters are applicable to Low Flow Water Filtering for Household Water, Rain Water Harvesting, Agriculture Irrigation and Garden Irrigation. In Built-in pressured pipeline T-Type Disc Filter will effectively filter out particles.

TECHNICAL SPECIFICATIONS			
Model	Connections BSP	Max Flow (m ³ /hr)	Filtering Surface (cm ²)
MI40TD	1¼"	16	300
MI50TD	1½"	18	300



Unique Disc Technology

With the excellent disc technology T-Type Disc Filters have micron-precise, high efficiency and large volume filtration advantage.

The well designed diagonally grooved structure provides exceptional filtration efficiency.



KINETIC AIR RELEASE VALVE

With advanced aerodynamic design, Kinetic Air Release Valves acts as a sound solution for intake and exhaust during the filtration and water supplying. The air valves balance the air intake and exhaust to ensure the pipes are sealed closely in low pressure. Air Release Valves are widely used in the agriculture and municipal irrigation and industrial water recycling system.

Features

- Advanced aerodynamic design.
- Big inlet size allowing massive air flow.
- One-Piece Cylindrical Float design ensure on-time shutting of outlet while the high speed airflow occur.
- Quality Sealing prevents leakage under low pressure condition (0.5 Bar.)
- PP material with Corrosion acid alkaline resistant features to be lasting.
- Available in 1" Male Thread Connection: MI30KARV



How it Works

System filling : During filling water into the pipeline, massive air will be evacuate from kinetic air intake & exhaust hole. The Cylindrical Float moves upwards to close the orifice after water flows into the chamber. With aerodynamic design and the anti-blow design, the Float ensure on-time shutting of outlet while the high speed airflow occurs.

Pressurized Operation : The Kinetic valves keeps closed pressure from water.

System Draining : When the system or pipe is drained empty, negative pressure forms in kinetic valve. Meanwhile the float move down to take in air against vacuum formation.

MATERIAL SPECIFICATIONS

Part No	Part Name	Material
1	Body	PPCP
2	Threaded Cap	PPCP
3	Float	Eng. Plastic
4	Seal	Silicon
5	O Ring	NBR

Application

Kinetic Valves can prevent the air from accumulating or eliminate negative pressure apply in filtration pipelines, water supply system, nearby water meter & control valve, area and industrial field.



AIR RELEASE CUM VACUUM RELIEF VALVE

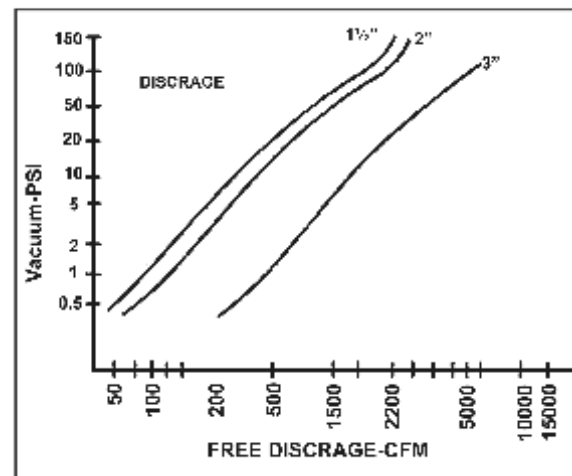
Air usually gets entrapped in water pipelines, this could eventually cause blockages, water hammer and other undesirable effects including vacuum formation within the pipeline which may hinder the system's functionality or may even damage the pipelines. Air Release Cum Vacuum Relief Valve allows air to escape from the pipeline during the start up of the system and prevents the above problems.

Features

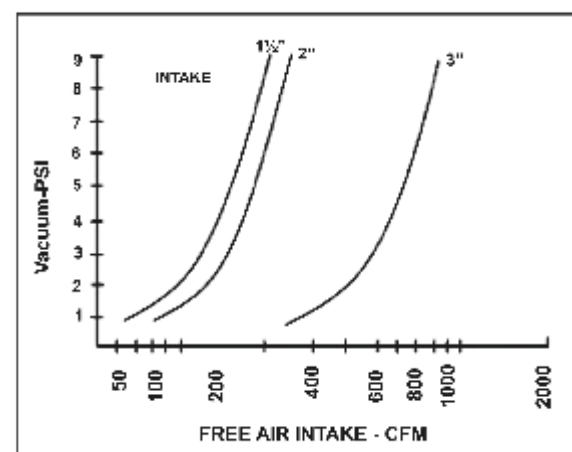
- Designed to be sealed at Low Pressure 0.5 – 0.7 kg/cm²
- Small Venting Window to avoid human play.
- Positive Vacuum Relief when Pipeline is Draining
- Made out of strong and light weight Aluminium
- Powder Coated body for durability
- Working Pressure Range of upto 10 kg/cm²



MODEL DESCRIPTIONS	
Model No.	Size
MI 30ARV	1" Female Thread
MI 50ARV	1½" Female Thread
MI 60ARV	2" Female Thread
MI 70ARV	3" Female Thread



MATERIAL SPECIFICATIONS		
Part No	Part Name	Material
1	Body	Aluminium
2	O Ring	NBR
3	Float Ball	Eng. Plastic
4	Baffle	Aluminium



FLUSH VALVE



Features

- Easily Openable Threaded Top for flushing debris from sub-main.
- Specially Designed Cap Stopper to avoid snap-out of cap while flushing.
- Equipped with 'O' Ring for leak proof performance while in shut-off position.
- Resistant to water soluble fertilizers and pesticides commonly used in irrigation & UV Stabilized.

Applications

- Recommended for usage at every end point in water piping network in micro/drip irrigation.
- For Flushing of entrapped dirt/debris in pipelines.

Specifications

- Maximum Operating Pressure of 5kg/cm².
- Available in 40x50, 50x63 and 63x75mm sizes.

PRESSURE GAUGE

Features

- Available in ¼" Male Threaded Connection.
- 2", 2½", 4" Dial made of Aluminium.
- Wider Pressure of Range upto 7kg/cm².
- Brass mechanism and movement for longer life.
- Silicone Oil filled for optimum accuracy.
- Case made of stainless steel for durability.
- Built-in Snubber to arrest rapid pressure fluctuation, enhancing the life of the gauge.
- Original Mitsubishi, Japan Glass for Crystal Clear Visibility.



Bottom Mount



Back Mount

Features

- Available in ¼" Male Threaded Connection.
- Back Mounted Connection for easy visibility if installed horizontally.
- Specifically useful with T-Type Screen / Disc Filters in irrigation.

PORUS™ : PRESSURE RELEASE VALVE

PORUS Pressure Release Valve are recommended to be used to protect plastic or aluminium pipelines from damage caused by surge in water pressure. PORUS PRV is suitable for commonly used HDPE, LDPE, MDPE, PVC or Aluminium pipes used in water supply.

Features

- Powder Coated Aluminium Cover & Body for durability.
- Heavy Duty Aluminium casting construction.
- Port available to install Pressure Gauge. (In Female version, Gauge Sold separately)
- Faster response in case of excess pressure surge than the set pressure.
- Easy Pressure Setting. (As explained below)

Technical Specifications

- Available in:
 - MI60PVF : 2" Female Threaded Inlet Connection
 - MI60PVM : 2" Male Threaded Inlet Connection
- Pressure Release Setting from 1.5 Kg/cm² to 5.5 Kg/cm²
- Cracking Pressure Range 0.5 Kg/cm² to 1.5 Kg/cm²
- 1½" Outlet to recycle the excess water released during operation
- Electro Plated Tempered Spring, Shaft and Nuts for longer life and consistent performance.
- Factory Standard Set Pressure 3.5 Kg/cm²

Pressure Release Valve Pressure Adjustment Process



Typical Installation



Step - 1 Unscrew the nut from the PRV.

Step - 2 Remove the PRV Cover.

Step - 3A To reduce the Pressure from Factory set pressure LOOSEN OR UNSCREW THE NUT.

Step - 3B To increase the Pressure from Factory set pressure TIGHTEN THE NUT FURTHER.

QUICK COUPLING VALVE



Features

- Available in 3/4" and 1" Male Threaded inlet connections
- Made out of Engineering Plastic for durability
- Long body opening key for ease of operation
- Stainless-Steel Spring-loaded Polymer Valve to prevent leakage
- Thermoplastic Cover for durability
- Special Push-Fit and Lock Key for smooth and hassle free operation
- Specially designed Wide Base to avoid breakage from bottom

PRESSURE LOSS (kg/cm ²)		
Flow Rate m ³ /hr	MI20QCVB	MI30QCVB
2	0.12	
3	0.22	
4	0.35	0.11
5	0.51	0.15
6		0.22
7		0.32
8		0.42
9		0.53
10		0.70



Swivel Elbow

- Available in 3/4" & 1" Female Threaded Inlet and Male Threaded Outlet Connections
- Engineering Plastic Construction with Leakproof Design during Swivel Operation
- 360° Swivel Design for Easy Rotation in Desired Direction

MODEL DESCRIPTION CHART	
Model No	Description
MI20QCVP	3/4" Quick Coupling Valve
MI20QCKP	3/4" QCV Opening Key
MI20SEP	3/4" F x 3/4" M Swivel Elbow
MI30QCVP	1" Quick Coupling Valve
MI30QCKP	1" QCV Opening Key
MI30SEP	1' F x 1' M Swivel Elbow

QUICK COUPLING VALVE (BRASS)

Features

- Available in ¾", 1" and 1 ½" Female Threaded inlet connections
- Made out of Solid Brass for durability
- Long Body Opening Key for ease of operation
- Stainless-Steel Spring-Loaded Brass Valve to prevent leakage
- Thermoplastic Cover for durability
- Spiral Turn and Lock Key for Smooth and Hassle Free Operation

PRESSURE LOSS(kg/cm ²)			
Flow Rate m ³ /hr	MI20QCVB	MI30QCVB	MI50QCVB
2	0.12		
3	0.24		
4	0.39	0.12	
5	0.54	0.17	
6		0.23	
7		0.34	
8		0.44	
9		0.54	
10		0.72	0.11
12			0.14
14			0.19
16			0.25
22			0.71
28			0.97

Swivel Elbow

- Available in ¾", 1" and 1 ½" Female Threaded Inlet and Male Threaded Outlet Connections
- Solid Brass Construction with Leakproof Design during Swivel Operation
- 360° Swivel Design for Easy Rotation in Desired Direction



MODEL DESCRIPTION CHART	
Model No	Description
MI20QCVB	¾" Quick Coupling Valve
MI20QCKB	¾" QCV Opening Key
MI20SEB	¾" F x ¾" M Swivel Elbow
MI30QCVB	1" Quick Coupling Valve
MI30QCKB	1" QCV Opening Key
MI30SEB	1" F x 1" M Swivel Elbow
MI50QCVB	1 ½" Quick Coupling Valve
MI50QCKB	1 ½" QCV Opening Key
MI50SEB	1 ½" F x 1" M Swivel Elbow

WAFER TYPE HYBRID BUTTERFLY VALVE

Features

- Body Made of PVC-U
- Low Torque and Low Pressure Loss due to specially designed SS Disc
- Wafer Type mechanism ensuring Zero Leak while in Shut-off Position
- Capable of handling all type of fluids typically used in irrigation and various industries

Applications:

- Water Treatment Plants
- Controlling the flow in Sand Filters
- Water Flow Control in Irrigation

Specifications :

- Size Available: 50mm (2"), 65mm (2.5"), 80mm (3") and 100mm (4")
- Hydrostatic Test Pressure of 15kg/cm² at 27°C Temperature for Body
- Hydrostatic Test Pressure of 10kg/cm² at 27°C Temperature for Seat
- Temperature Range of -5° C to 50° C
- Parallel to Flow orientation of lever when Valve is Fully Open
- Throttling Notches every 15° up to 90° or during Shut-off

Advantages of "IRRIWORLD" Valves

- Stainless Steel Lock Plate, can be used even in High Pressure conditions and Industrial use.
- Wide Seal made of EPDM to ensure excellent gripping to avoid Distortion, Deformation and Skidding.
- Dual Shaft Seal Bearing for Stabilized Sealing.
- Specially designed Gasket Less Flange Sealing contact during valve installation.



MODEL DESCRIPTION CHART

Model No	Description
MI60HBFV	2" Hybrid Butterfly Valve with PVC Disc
MI70HBFV	2.5" Hybrid Butterfly Valve with PVC Disc
MI80HBFV	3" Hybrid Butterfly Valve with PVC Disc
MI90HBFV	4" Hybrid Butterfly Valve with PVC Disc
MI60SSBFV	2" Hybrid Butterfly Valve with SS Disc
MI70SSBFV	2.5" Hybrid Butterfly Valve with SS Disc
MI80SSBFV	3" Hybrid Butterfly Valve with SS Disc
MI90SSBFV	4" Hybrid Butterfly Valve with SS Disc

UNION TYPE PVC BALL VALVE

Irrirworld Union Type PVC Ball Valves have union end on one/ both sides so that the valve can be demounted from a pipeline for refurbishment or repair. The valves are available as PVC Union Ball Valves with threaded or solvent ends in imperial sizes.

Irrirworld PVC valves offer resistance to a wide range of chemicals, in addition to offering high impact and high tensile strength. Easily assembled with perfect sealing under all conditions. Union type ball valves can be used for a wide range of applications and operates at a working pressure of up to 16 bar (Dependent on size) made our valve the strongest among the most of competitors.



Features

- Size Available:
1.5" (50 mm), 2" (63mm), 2.5" (75mm) and 3" (90mm)
- HNBR Seal washer and TPE Seal for Zero Leak while Shut-off
- Body, socket, Ring, Ball and Shaft made of heavy-duty UPVC material
- High Pressure rating of PN-16 made it strongest Valve available among any competitor.
- TPE seals effect ensures leakage free and low fixed torque.
- Available in both Threaded and Solvent End Connections.
- UV Stabilized parts ensure No Colour Fading and make the valve durable.
- Resistant to most Chemicals used in Agriculture.

MATERIAL SPECIFICATIONS

Part No	Part Name	Material
1	Body, Ball, Socket	UPVC
2	Ring, Bush, Shaft	UPVC
3	Bush O Ring	HNBR
4	Seal	TPE
5	Handle	ABS

MODEL DESCRIPTION CHART

Model No	Description
MI50SBVP	1.5" 50mm Single Union PVC Ball Valve Plain
MI60SBVP	2" 63mm Single Union PVC Ball Valve Plain
MI70SBVP	2.5" 75mm Single Union PVC Ball Valve Plain
MI80SBVP	3" 90mm Single Union PVC Ball Valve Plain
MI50SBVT	1.5" 50mm Single Union PVC Ball Valve Threaded
MI60SBVT	2" 63mm Single Union PVC Ball Valve Threaded
MI70SBVT	2.5" 75mm Single Union PVC Ball Valve Threaded
MI80SBVT	3" 90mm Single Union PVC Ball Valve Threaded
MI50DBVP	1.5" 50mm Double Union PVC Ball Valve Plain
MI60DBVP	2" 63mm Double Union PVC Ball Valve Plain
MI70DBVP	2.5" 75mm Double Union PVC Ball Valve Plain
MI80DBVP	3" 90mm Double Union PVC Ball Valve Plain
MI50DBVT	1.5" 50mm Double Union PVC Ball Valve Threaded
MI60DBVT	2" 63mm Double Union PVC Ball Valve Threaded
MI70DBVT	2.5" 75mm Double Union PVC Ball Valve Threaded
MI80DBVT	3" 90mm Double Union PVC Ball Valve Threaded

VALVE BOX

With its light weight heavy-duty plastic design, Irriworld Valve Box offers durable protection for valves placed for sprinkler system. The readymade removable slots to accommodate sprinkler header lines for easy installation without the need for special tools. Its green and black design allow it to blend in easily with its surroundings and it works both in freezing and non-freezing areas.

Features

- Anti Skid Lid Design
- Light & Durable Construction
- Side Ridges for additional side wall support
- Pre-Moulded Pipe Slots to accommodate pipe upto 63mm
- Bottom Flanges to help prevent sinking
- Available in Green coloured lid with Black Coloured Box
- Multiple configurations designed to provide tight seals and easy maintenance access
- Earth-friendly, made of 30% recycled materials (Black boxes only)

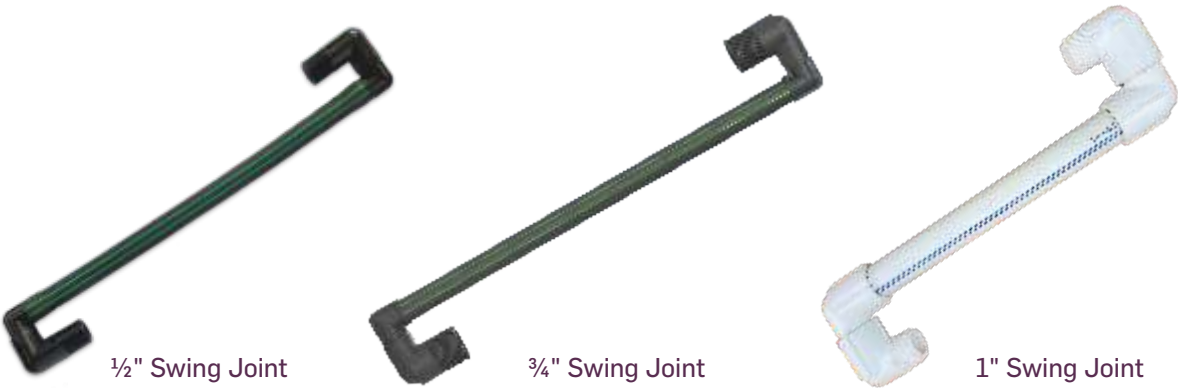


DIMENSIONS			
MODEL NO	TOP DIAMETER	HEIGHT	BOTTOM DIAMETER
MI 06VBR	6"	23cm	24cm
MI 10VBR	10"	26cm	33cm
MI 12VBR	12" x 18"	30cm	54cm x 43cm
MI 15VBR	15" x 15"	30cm	54cm x 54cm



SWING JOINT

Swing Joint connects heads to lateral pipes. This low-cost reliable, and flexible connection prevents heads or pipes from breaking when run over by equipment and allows easy adjustment of the heads to grade.



Features

- Save time with quality pre-assembled swing assemblies.
- Flexible swing arm and joints allow easy adjustment of heads to grade.
- Reduce potential for leaks with flexible parts that won't break or crack under stress like rigid fittings.

Technical Specifications

- Available in:
 - MI 10SJ : 1/2" x 1/2" Male Threaded Connection
 - MI 20SJ : 3/4" x 3/4" Male Threaded Connection
 - MI 30SJ : 1" x 1" Male Threaded Connection
- Operating Pressure up to 6Kg/cm².
- Surge Pressure up to 10Kg/cm².
- Pressure Loss at 1400 LPH is 0.15 kg/cm².
- The operating range of the swing assemblies matches or exceeds the operating range of most 1/2" sprays and 3/4" rotors
- Economy (IR) and Premium (RB) options available.

TECHNICAL SPECIFICATIONS			
Model	Connections BSP	Max Flow (LPH)	Max Temp °C
MI 10 SJ	1/2"	1600	60
MI 20 SJ	3/4"	1800	60
MI 30 SJ	1"	5400	60



Elbow : Fits with existing swing joints of competitors



Typical Installation of Pop-Up Sprinkler with Swing Joint

DRIP KIT

Irrirworld Automatic Drip Garden Irrigation Kit ensures the plants gets precise amount of water, without the hassles that come with the hose pipe. Drip Kit reduces water usage by almost 70% over traditional concepts of watering through Hose pipe. Water Emitters in the kit focuses directly to the roots.

USAGE AND ADVANTAGE:

- Watering Bonsai, Flowers and other Potted Plants, Shrub etc in Homes, Offices, Hotels, Clubs etc.
- Perfect for variety of gardens, Use for watering Backyard Garden, Terrace Garden, or Balcony Garden
- Reduced Water Usage, therefore huge water saving using IRRIWORLD Drip Kit
- Prevents Over-Watering of plants.
- Available in Combination of 20, 50, 75, 110, 130 Plants Watering Kit. Can also be expendable using additional drippers. (Sold Separately)
- Based on DIY concepts. Easy to install and maintenance free washable drippers.
- Operated on direct connection to Tap, commonly available in all households.
- Comes With Automatic Mini Digital Tap Timer
- Manual Drip Kit without Timer option also available.

Contents:

Depending on the combination, Drip Kit is packed with below components:

- | | |
|---------------------------|-----------------------------------|
| • Water Emitters | • Emitter – Feeder Pipe Connector |
| • Main Supply Pipe (16mm) | • 4mm Tee Connector |
| • Feeder Pipe (4mmx7mm) | • 4mm Punching Tool |
| • Main Line Control Valve | • 4mm End Plug |
| • 16mm Elbow Connector | • ½"-16mm Tap Adaptor |
| • 16mm Tee Connector | • Emitter Holding Stick |
| • 16mm Joiner | • Main Line Holding Stick |
| • 16mm End Cap Ring | • Cable Tie |
| | • Digital Tap Timer |





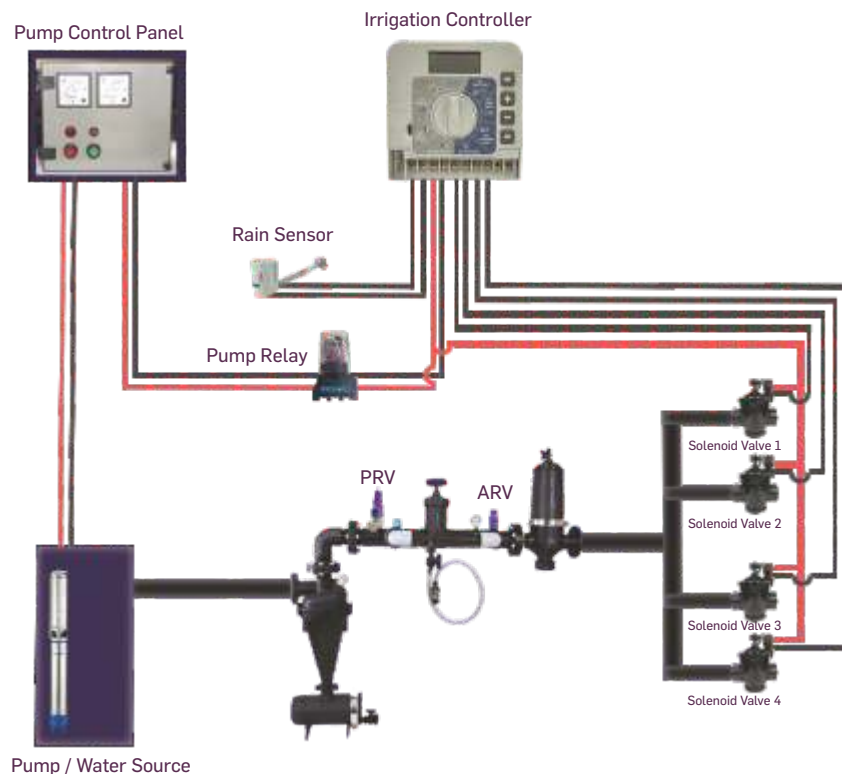
Features

- Most suitable for small and marginal farmers with landholding upto 5 acres.
- Reduces manual interference and helps in timely irrigation.
- Rain Sensor is supplied in the Kit. To prevent over-irrigation in case of rains in field, rain sensor should be installed at the field.
- Precise application of water in crops results in an increase in yield and improved quality of crops.
- Autosinchayi kit is based on DIY concept therefore easy to install.
- Controller, Solenoid Valve and Rain Sensor are imported from USA.

Benefits

- Farmers can convert existing irrigation systems into automatic.
- No expertise required, all-inclusive package, based on DIY concept.
- Suitable for single-valve operation. Expandable upto Four Valves.

Typical Installation Layout



		
Air Release Valve	Pressure Release Valve	Single Core Wire
		
Controller	Rain Sensor	Power Relay
		
Pressure Gauge	Solenoid Valve	DB Wire Connectors

DIGITAL TAP WATER TIMER PRO

IRRIWORLD® Intelligent Irrigation Tap Water Timer Pro with battery-power supply, also regarded as a kind of time control valve. It comes with a durable alkaline battery that can be quickly installed to any standard NPT or BSP threaded faucet. The user can also active irrigation mode by a button. Making irrigation fast convenient and affordable even small plots can also be fully irrigated. No matter indoor and outdoor, it is the perfect irrigation solution.

Features

- Integrated structure design. IP66 Protection level.
- Two DC 1.5V dry battery power supply. (Sold separately)
- Battery life is 6 months approx.
- Working Temperature 0°C to 60°C.

Applications

Cultivation Gardens, Greenhouses, Balconies, Potted Plants, Flower Beds, Nursery Garden and Small Lawns without Underground Irrigation Equipment.

Function

- The Timer has Two Irrigation Modes. Timing Irrigation and Manual Irrigation.
- Powered by two 1.5V dry batteries.
- Independent Timer and Cycle Mode.
- The maximum Irrigation time can last upto 4 hours.
- The Low Voltage Alarm will be displayed on screen display when the battery voltage is low.
- The Timer is equipped with customize LCD screen for users, which can interact and reflect the real time running status of the equipment.
- The display interface is designed user-friendly and its operation is simple and easy.

UPTO 3 SEPARATE PROGRAMS PER DAY

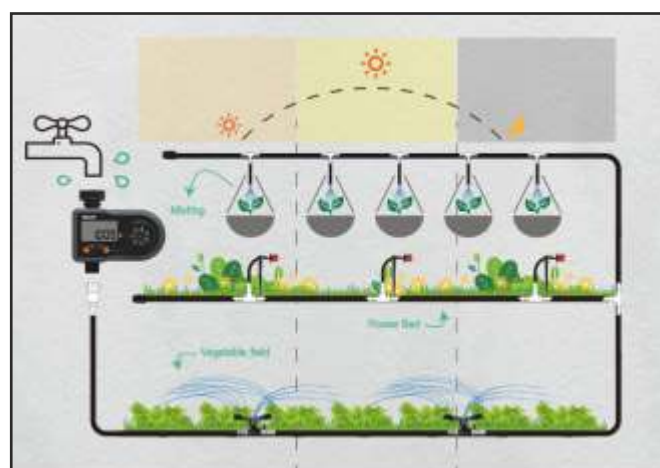
Each watering plan can set a different start time and duration



P1 6:30 AM
2 hours

P2 14:00 PM
1 hours

P3 5:30 PM
30 minutes



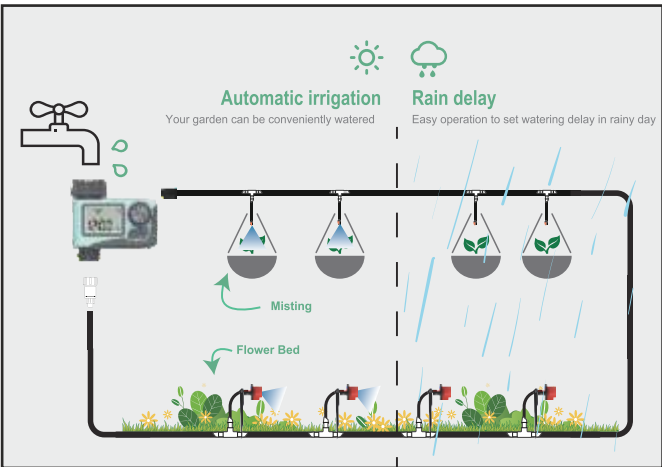
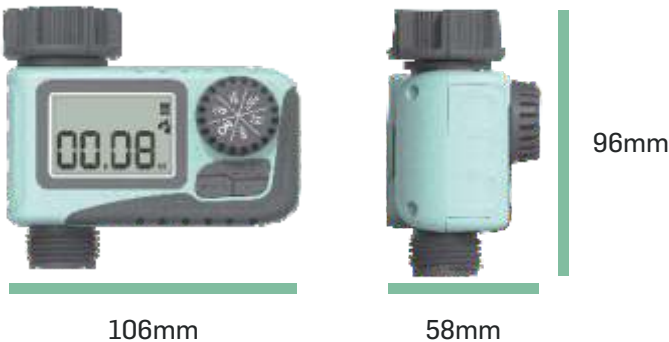
MINI DIGITAL TAP TIMER

Features

- Diaphragm Solenoid Valve
- Rain Delay Function : Click the "delay" button to set watering delay in rainy day
- Manual Operation : Click the "manual" button to start manual operation
- High Cost Performance : Small size with large LCD display and complete function
- Flexible Watering Plan : An Every-Hour irrigation scheme or Every-Day irrigation scheme can be set up
- Easy-to-go Design : Menu - Type setting operation, convenient and simple
- Built-in clock
- Waterproof and Dustproof : IP54



TECHNICAL SPECIFICATIONS	
Watering Duration	1min to 3h 59min
Watering Fequency	1h to 23h or 1day to 7days
Working Pressure	0.5 Bar - 5 bar
Max Flow Rate	35l/Min
Thread	3/4" or 1" BSP (With Adaptor)
Working Temperature	3°C to 50°C
Battery Power	2 AAA Alkaline Batteries



ONE TOUCH MIST WATER TIMER

MITV0102M MIST water timer with simple and beautiful appearance and bright red colour can not only be used for cool down and humidification of Balconies or Lawns but also creates beautiful gardens.

Features

- Multifunction Button CLICK.
- Diaphragm Solenoid Valve.
- Low Switching Valve Voltage, reduce the boost time and loss in the boost process, prolong the service life of switching valves.
- Easy to Install, Simple To Change Irrigation Plan.
- Reduce temperature, increases humidity in garden.

Specifications

- IP54 Waterproof.
- Inlet Threaded for tap 1" F and Reduction of 3/4" F.
- Powered by 3 AAA 1,5V Alkaline Batteries. (Sold separately)
- Working Water Pressure : 0.5 bar to 5.0 bar.
- Flow rate : 5L/min to 35 L/min.
- Irrigation Frequency : 1,2,3,4,5,6,7,10,15,20,25 and 30 mins.
- Irrigation Dration : 3,5,10,15,20,25,30,35,40,45,50 and 55 seconds.



Water Timer Function

Set HOW LONG

Watering Time : 3/5/10/15... 55
Seconds

Set HOW OFTEN

Watering Frequency: 1/2/3/4... 30
Minutes.

Start Watering

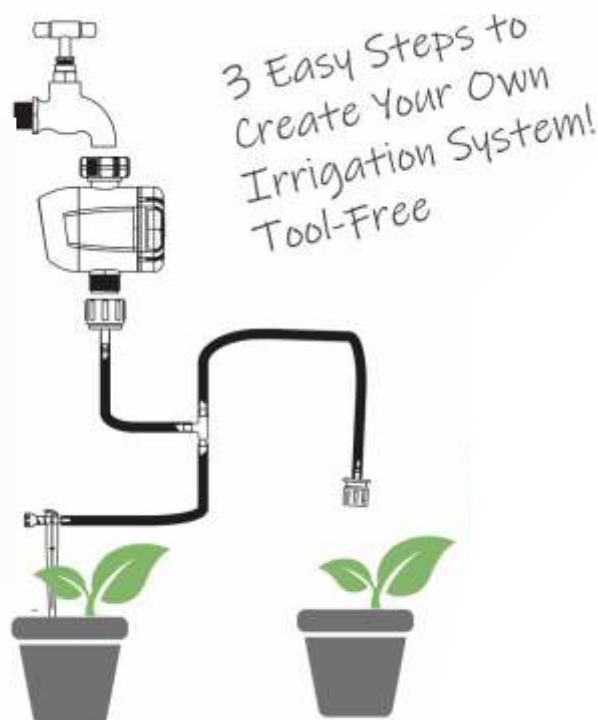
After setting HOW LONG and
HOW OFTEN, the automatic
water timer will start working
immediately

Manual Closing

Press "click" for 3 seconds, close
the watering program manually,

Stop watering

In the outer ring blue LED lamp state, press the "click" button
clockwise to move to OFF, the program cancels and closes.



LATERAL VALVE



Features

- Available in
 1/2" Male Thread x 16mm Barbed Connection.
 16mm Barbed x 16mm Barbed Connection.
- Made out of Highly Durable Engineering Plastic.
- Resistant to commonly used chemicals in Agriculture.
- Specially Designed Cylindrical Knob ensures zero leak after the valve is shut-off
- Sharp Edges on barbed connections to avoid sleepage during High Pressure operations.

ARROW DRIPPER



Features

- Low Discharge of 2.2 LPH.
- Working Pressure : 0.2 kg/cm² to 2.0 kg/cm².
- To be connected with DN6/4 Soft PVC Tube.
- Clogging Resistant with Inbuilt Filter Net.
- Produced from Durable Plastic and UV Stabilized.
- Suitable for Potted Plants, Shrubbery, Kitchen Gardens, Orchids and Nurseries.

BRASS MIST NOZZLE



Features

- Fitted with SS Mesh for Fine Filtration.
- In built spring loaded Non Return Value.
- Can be connected with 4 mm Push-Fit Fitting commonly available in market.
- Highly precise nozzle size of 0.3mm.
- For cooling / humidifying of Poultry Sheds, Cow Sheds and other Live Stock.

BUBBLER

The Irriworld® pressure compensating bubblers are ideal for tree and large shrub watering.

Features

- Comes with an optional stake with a 16mm Inlet for easy installation.
- Pressure compensation ensures consistent flow rates over lower pressure ranges.
- Designed for a rugged environment, the ½" threaded inlet makes these devices ideal for installations using a PVC pipe.



PERFORMANCE CHART*

Pressure Kg/cm ²	Discharge lpm
1	7.5
2	12.0
3	18.0

*Under Ideal Condition Maximum distance of particle thrown by fogger at respective pressure

IRRI-J™ EMITTER

Features

- Two piece design facilitates ease of maintenance.
- Strong latching arrangement helps easy removal of flow path insert.
- Barbed Outlet Suitable for 4 mm ID extension
- Resistant to chemicals used in agriculture.
- Color-coded insert facilitates easy identification of emitter flow rate.
- Recommended filtration of 130 microns or less.
- Uniform discharge with excellent CMV of less than 5%.

Application

- Recommended for fruit orchards requiring multiple drippers around the trunk of the tree, to cover widespread root zone.

PERFORMANCE CHART*

Flag Colour	Discharge lph
Yellow	2.00
Black	4.00
Blue	8.00
Green	15.00

* At nominal operating pressure of 1kg/cm².

* Recommended punch size - 2.9 mm



ONLINE DRIP EMITTER

Features

- Take Apart, Turbulent Flow, Online Emitter Offers ease in maintenance and inspection.
- Barbed inlet suitable to connect directly on 4 mm extension tube or can be punched on polytube.
- Extended Outlet For connection of 4 mm ID extension tubing for right placement of water with multi-outlet connection.
- Optional Anti-bug Cap. Prevents entry of ants/bugs inside the emitter.
- Color coded cap facilitates easy identification of emitter flow rate.

Application

- For orchards and vineyards, greenhouses, nurseries, landscape etc.
- Recommended to use in problematic water condition where opening and cleaning of the emitter is needed.



Optional Anti-bug Cap



PERFORMANCE CHART*

Flag Colour	Discharge lph
Yellow	2.00
Black	4.00
Blue	8.00
Green	14.00

* At nominal operating pressure of 1kg/cm².

* Recommended punch size - 2.9 mm

ONLINE PC DRIP EMITTER

Features

- Take Apart, Turbulent Flow, Online Emitter Offers ease in maintenance and inspection.
- Barbed inlet suitable to connect directly on 4 mm extension tube or can be punched on polytube.
- Extended Outlet For connection of 4 mm ID extension tubing for right placement of water with multi-outlet connection.
- Optional Anti-bug Cap. Prevents entry of ants/bugs inside the emitter.
- Color coded cap facilitates easy identification of emitter flow rate.

Application

- For orchards and vineyards, greenhouses, nurseries, landscape etc.
- Recommended to use in problematic water condition where opening and cleaning of the emitter is needed.



PERFORMANCE CHART*

Flag Colour	Discharge lph
Yellow	2.00
Black	4.00
Blue	8.00
Green	14.00

* At nominal operating pressure of 1kg/cm².

* Recommended punch size - 2.9 mm

DRIP FITTINGS

Features

- Produced from high quality plastic which is resistant to most of chemicals used in agriculture.
- UV Stabilized
- Easy to connect and disconnect.
- Used with LDPE Irrigation Pipe.



4mm Punching Tool



Online Dripper
(2 LPH, 4 LPH, 8 LPH)



16mm Elbow



16mm Tee



16mm Joiner



16mm Take-off



16mm End Cap



16mm Gromet



4mm Tee



4mm End Plug



4mm Joiner



Ratchet Clamp



16mm Lateral Location Stick



4mm Micro Tube Holding Stick

DRIP FITTINGS (BROWN)



DRIPLINE TUBING (PC / NON PC)

Features

- Extra Flexible Tubing for Fast & Easy Installation
- Dual-Layered Tubing (Brown over Black) provides unmatched resistance to chemicals, UV damage and algae growth
- Longer Lateral Runs than competition
- Unique material offers significantly greater flexibility, allowing tighter turns with fewer elbows for easier installation

Specifications :

- Available with PC / Non PC dripper
- Pressure rating upto 4 kg/cm^2
- Flow rates: 2, 4 & 8 LPH
- Temperature: Water up to 60°C
- Required Filtration: 120 mesh
- Wall Thickness: 1.10 mm – 1.20mm, Class 3
- Spacing: 15 cm, 30cm & 40cm

Applications:

Curved Landscapes, Flower Beds, Small Confined Areas, Narrow Landscapes, Slopped Areas, Shrub and Ground Cover Beds, Potted Plants etc



Inline Dripline



Plain Tubing

PITOT TUBE



Features

- Pitot Tube is a small, effective & easy tool to measure the pressure at the end of Drip Irrigation laterals.
- Pitot Tube is used with Pressure Gauge to check the pressure on laterals at various locations by just inserting the device into the laterals.



ADAPTORS & CONNECTORS



REDUCER ADAPTOR
3/4" M x 1/2" F



MALE SOCKET
1/2" x 1/2" , 3/4" x 3/4"



FEMALE SOCKET
1/2" x 1/2" , 3/4" x 3/4"



FEMALE REDUCER
1/2" F x 3/4" F



4 mm X 1/2" ADAPTOR



FEMALE REDUCER
1 1/2" x 1 1/4"



TAP ADAPTOR
FOR DIGITAL TIMER



HOSE CONNECTOR
FOR DIGITAL TIMER



FOGGER CONNECTORS



MICRO TUBE
CONNECTORS



BARBED ADAPTOR
1/2" x 16 mm, 12 mm



FILTER HOSE
CONNECTOR (3/4" & 1")

MICRO TUBE

Features

- Extruded with highest quality PVC resin, containing less than 2% carbon black.
- Resistant to UV Rays.
- Smooth Inner Wall for Lesser Head Loss.
- High Flexible for Easy Rolling Back.
- Used with Arrow Drippers, Micro Sprinklers, Mini Sprinklers.
- Available size : DN3/5, DN4/7, DN8/12



SERVICE SADDLES

My Irrigacio Service Saddles are used to build single or double junction that can be coupled with MDPE, HDPE or PVC pipes while laying pipeline network for irrigation or other type of water supplies. Made of high quality engineering polypropylene & galvanized nuts & bolts for longer life. The wide saddle body provides stability on the pipe.



HEAVY DUTY SADDLE

HEAVY DUTY SADDLE (WITH RING)

HEAVY DUTY	
Model	Description
MI 4010HD	40mm x ½"
MI 4020HD	40mm x ¾"
MI 5010HD	50mm x ½"
MI 5020HD	50mm x ¾"
MI 5030HD	50mm x 1"
MI 6310HD	63mm x ½"
MI 6320HD	63mm x ¾"
MI 6330HD	63mm x 1"
MI 6340HD	63mm x 1 ¼"
MI 6350HD	50mm x 1"
MI 7510HD	75mm x ½"

HEAVY DUTY	
Model	Description
MI 7520HD	75mm x ¾"
MI 7530HD	75mm x 1"
MI 7540HD	75mm x 1 ¼"
MI 7550HD	75mm x 1 ½"
MI 7560HD	75mm x 2"
MI 9010HD	90mm x ½"
MI 9020HD	90mm x ¾"
MI 9030HD	90mm x 1"
MI 9040HD	90mm x 1 ¼"
MI 9050HD	90mm x 1 ½"
MI 9060HD	90mm x 2"

HEAVY DUTY (SS Ring)	
Model	Description
MI 6320HDR	63mm x ¾"
MI 6330HDR	63mm x 1"
MI 6340HDR	63mm x 1 ¼"
MI 6350HDR	63mm x 1 ½"
MI 7520HDR	75mm x ¾"
MI 7530HDR	75mm x 1"
MI 7540HDR	75mm x 1 ¼"
MI 7550HDR	75mm x 1 ½"
MI 7560HDR	75mm x 2"
MI 9020HDR	90mm x ¾"
MI 9030HDR	90mm x 1"
MI 9040HDR	90mm x 1 ¼"
MI 9050HDR	90mm x 1 ½"
MI 9060HDR	90mm x 2"



DIRECT BURIAL SPLICE KIT

Wire splices are the weak link of any electrical circuit. It is especially important to make proper joints in irrigation systems because the joints are exposed to wet and damp environments that can cause corrosion of the copper conductor and premature failure.

Features

- For direct burial, above ground, or in valve box installations, use DB wire connectors or Silicone filled wore nuts.
- The kit includes a Performance Plus Wire Connector and a high impact, UV-resistant polypropylene tube prefilled with moisture-resistant grease.



Application

The Direct Bury Splice Kit is used to electrically connect two or more pre-stripped copper wires and moisture seal the connection for direct burial.

Technical Specifications

Maximum Voltage Rating : 600 V
Application Temperature : 0°C to 49°C
Operating Temperature : -40°C to 105°C

Construction:

Tube : Impact and UV Resistant
Grease : 711B
Connector : Steel Spring, Flame Retardant Insulator

RELAY WITH DIN RAIL SOCKET

Features

- High Reliability
- Elegant / Sturdy & Light weight
- ARC Suppressor
- Excellent Isolation & Compact High Performance
- Medium Power Sources
- Comes with Din Rail Socket

Specifications

Terminal Type : Plugin
Rated Carrying Current : 5A
(At 24 VDC / 250 VAC)
Contact Material : Silver Alloy
Operating Power for DC Coil : 0.72W - 1.25W
(Min-Max)
Operating Power for AC Coil : 1.92W - 2.43W
(Min-Max)
Maximum Operate Time : 20 ms
Maximum Release Time : 10 ms
Ambient Temperature : -25°C - 55°C
Impulse with Stand Voltage : 5 KV - 1.2/50μS



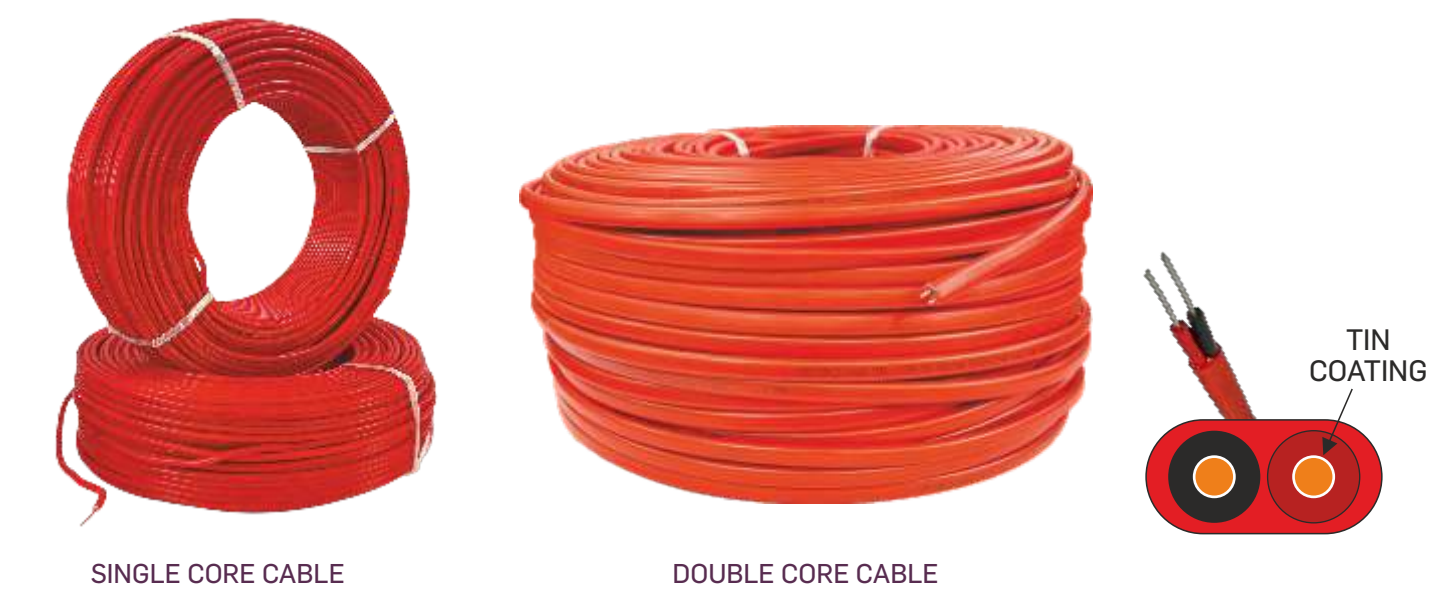
Application

- Pump Control Panels
- Automation & Remote Control Systems
- High Voltage DC Panels / Motors

DIRECT BURIAL IRRIGATION CIRCUIT CABLE

IRRIWORLD®

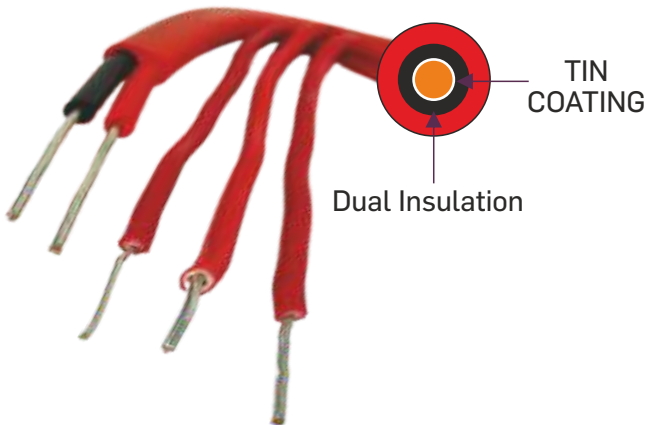
IRRIWORLD® Direct Burial Low Energy Cables are specially designed with Dual Layered Insulation for Irrigation Automation Applications.



TECHNICAL SPECIFICATIONS					
CORE	SIZE AWG	STRANDING	INSULATION WALLS (mm)	APPROX. DIAMETER (mm ²)	RECOMMENDED CURRENT CARRYING CAPACITY
SINGLE (1)	18	SOLID	3.00	1.20	10 AMPS
SINGLE (1)	16	SOLID	3.00	1.50	15 AMPS
SINGLE (1)	14	SOLID	3.00	2.50	20 AMPS
DOUBLE (2)	14	SOLID	6.00	2.50	20 AMPS
DOUBLE (2)	12	SOLID	6.00	4.00	25 AMPS

- Features
- TIN Coated Copper Wire for reduced loss of current
 - Conductor: Soft-Annealed, Uncoated Copper
 - Insulation: Polyvinyl chloride Dual Insulation
 - Manufacturer's Identification: Surface marked with IRRIWORLD, Voltage Rating, Size and Type

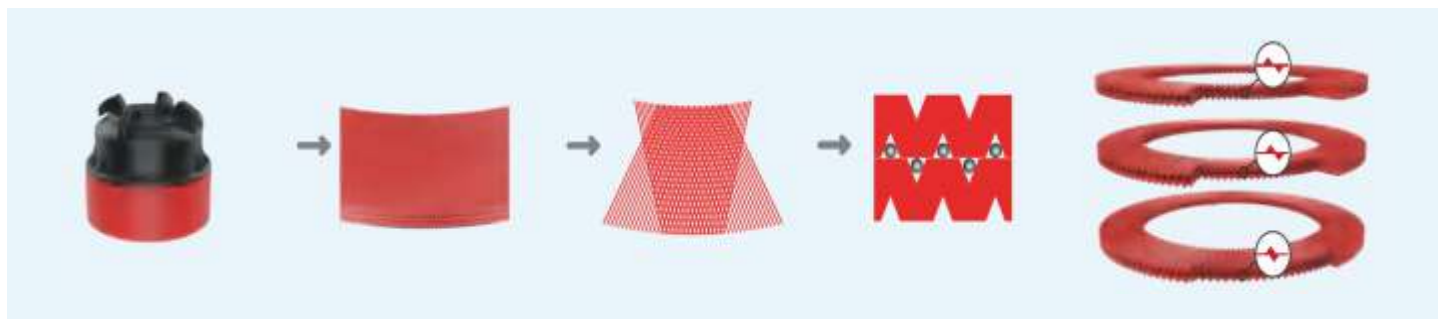
- Application
- Underground Low Energy Circuit Cable for use in operation at 40 volts or less rated 60°C



AUTOMATIC DISC FILTER

My Irigacio Automatic Disc Filter System adopts the modular design, it well meets various market demands of different flow volumes by providing T-type backwash modules. Going with 2",3" or 4" hydraulic backwash valve as well as a built-in computer chip for automatic scheduling work, it works as an automatic unattended water filtration system, which ensures continuous water supply while discharging the sewage. Flow rate range: 20m³/h to 280 m³/h Filtering accuracy: 130micron.

With the Unique Disc and Vortex Structure design, the filter will generate a centrifuge spiral flow of water, which moves away the solid particles in the water. The solid particles will be collected to the top of the disc element with rotational flow. The vortex disc filter system ensures High-Efficient Filtering and water-saving for the low frequency of backflushing.



2" T Type Auto Disc Filtration Specification

MODEL	NO. OF FILTERS	FILTERING SURFACE (CM ²)	MANIFOLD (IN)	CONNECTION	MAX FLOW (M ³ /H)	WEIGHT (KG)
BES201T2	1	1020	2	Grooved/Flange	20	29
BES202T3	2	2040	3	Grooved/Flange	40	52

3" T Type Auto Disc Filtration Specification

MODEL	NO. OF FILTERS	FILTERING SURFACE (CM ²)	MANIFOLD (IN)	CONNECTION	MAX FLOW (M ³ /H)	WEIGHT (KG)
BES301T3	1	1492	3	Grooved/Flange	32	45
BES303T4	3	4476	4	Grooved/Flange	108	102

AUTOMATIC DISC FILTER

Feature & Advantage

- Manufactured in Polyamide, resistant to chemical products and wear-resistant.
- To achieve unmanned performance by chips built-in controller.
- Compatible with different filter units according to different flow rate requirements.
- Auto back flushing procedure set by the discrepancy of water pressure between inlet & outlet, manual setting is also available.
- Manifold is made either in Stainless Steel, PE, or Epoxy-Coated Carbon Steel.
- Minimum water consumption and low maintenance cost.
- Efficient water saving in auto backflushing with a minimum pressure of 1.5 bar and flow rate of 2.1 L/s minimum.



Applications

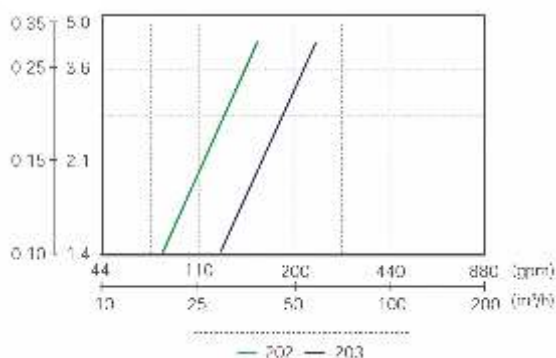
Agriculture irrigation : Applicable to medium scale agriculture irrigation, removing the particles of water from the lake and river etc. Protecting the sprayers & equipment in irrigation system.

Garden irrigation : Provide solutions for the water recycling of garden irrigation or water landscape, ensure the water quality and protect the sprayer and the dripper.

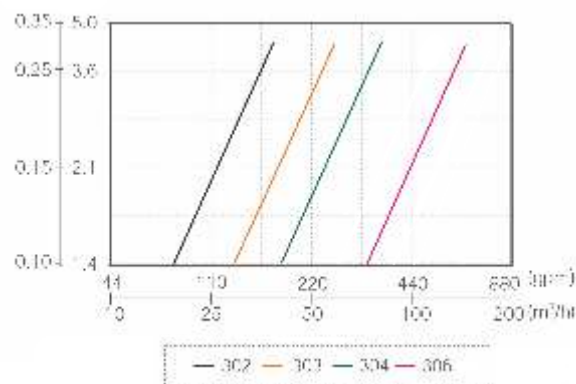
Industrial filtration : Provide solutions for low flow water recycling in industrial application.

Head Loss

2" T TYPE SYSTEM (130 Micron/ 120 Mesh)



3" T TYPE SYSTEM (130 Micron/ 120 Mesh)



Note: The flow rate will fluctuate with different water quality.

RPS™ 50

Designed for smaller landscape areas.

Features & Specifications

- Continuous reverse and return
- Easy Arc Setting, Arc Adjustment Range: 40° – 360°
- Flow Range: M (2.8 – 14.4 LPM)
- Pressure Rating: (1.4 – 4.8 bar)
- Precipitation Rate: (6.6 – 15.2 mm/hr)(depending on spacing and nozzle used)
- Radius: (5.5 – 10.1 m)
- Nozzle Trajectory: 25°



RPS™ 75

Sets the standard for 3/4" gear-driven rotors.

Features & Specifications

- Full and Part Circle Rotation – Provides a full range of adjustment from 40° to 360°
- Non-flushing Wiper Seal – Reduces leaks caused by debris trapped under seal
- Universal Riser Assembly – Fits into existing Hunter® PGP® and PGP® Ultra cans
- Arc Adjustment Range: 40° – 360°
- Flow Range: (2.6 – 31 LPM)
- Pressure Rating: (1.4 – 4.8 bar)
- Precipitation Rate: (4 – 25.4 mm/hr)(depending on spacing and nozzle used)
- Radius: (6.7 – 15.5 m)
- Nozzle Trajectory: 26°
- Low Angle Nozzle Trajectory: 11°
- 8 Standard and 4 Low Angle Nozzles Included

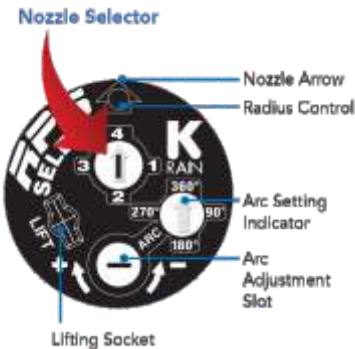


RPS™ SELECT

Four built-in selectable nozzles for the fastest nozzle change of any rotor.

Features & Specifications

- All adjustments made from the top – wet or dry –including flow shutoff. No special tools needed
- Four Built-in Selectable Nozzles – Nozzles through #4 match arc settings 90° through 360°
- Matched Precipitation Rates – When nozzle setting matched to arc
- Flow Range: (4.9 – 25.8 LPM)
- Pressure Rating: (1.4 – 4.8 bar)
- Precipitation Rate: (6 – 20 mm/hr) (depending on spacing and nozzle used)
- Radius: (10 – 14 m)
- Nozzle Trajectory: 24°

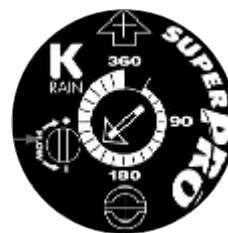


SUPERPRO[®]

All the best features in one rotor including Intelligent Flow Technology[®]

Features & Specifications

- Patented Intelligent Flow Technology[®] – Reduce distance and water flow simultaneously and proportionately up to 50%. Water savings of up to 30%
- Patented easy arc set – Simplified setting wet or dry. Water flow can be turned off or adjusted in the popped-up position
- Patented reversing mechanism – Assures continuous reverse and return
- Optional check valve – Prevents low-head drainage
- Arc adjustment range: 40° to continuous 360°
- Flow range: (3.0 – 42.0 LPM)
- Pressure rating: (1.4 – 4.8 bar)
- Precipitation rate: (5.3 – 29.7 mm/hr) (depending on spacing and nozzle used)
- Radius: (7.9 – 14.0 m)
- Nozzle trajectory: 26°
- Low angle nozzle trajectory: 12°
- Standard and low-angle nozzles included



PROPLUS[®]

Tough, Proven and Advanced

Features & Specifications

- Patented Top Arc Set – Allows for wet or dry adjustment in seconds
- Full arc range adjustment from 40° to continuous 360°
- Patented Reversing Mechanism – Assures continuous reverse and return
- Optional Check Valve – Prevents low head drainage
- Arc Adjustment Range: 40° to Continuous 360°
- Flow Range: (1.9 – 37.8 LPM)
- Pressure Rating: (1.4 – 4.8 bar)
- Precipitation Rate: (3 – 25.7 mm/hr) (depending on spacing and nozzle used)
- Radius: (6.7 – 15.2 m)
- Nozzle Trajectory: 26°
- Low Angle Nozzle Trajectory: 12°
- Standard and Low Angle Nozzles Included



PROSPORT[®]

Designed for sports turf and commercial applications.

Features & Specifications

- Patented Top Arc Set – Allows for wet or dry adjustment in seconds
- Triple Nozzle Configuration – Ensures even distribution of water
- Arc adjustment from 40° to a continuous 360°
- Arc Memory Clutch – Prevents internal gear damage and returns rotor to its prior setting automatically if nozzle turret is forced past stop
- Patented Reversing Mechanism – Assures continuous reverse and return
- Heavy Duty Rubber Cover and Mud Guard – Protects against physical injury and allows sprinkler to be installed below grade
- Flow Range: 19.3 – 123 LPM)
- Pressure Rating: (2.8 – 6.2 bar)
- Radius: (13.1 – 23.5 m)
- Nozzle Trajectory: 26°



NP SPRAYS

Ideal for watering smaller lawns, ground cover, and shrub areas

Features & Specifications

- Available in 2" and 4" (5 cm and 10 cm) Models – Provides flexibility in system design
- Accepts Female Threaded Nozzles
- Stainless Steel Retraction Spring – Provides reliable retraction of the riser in all soil conditions
- Ratcheting Riser – Allows for easy pattern alignment by turning the riser
- Narrow Profile Body – Easy to retrofit with existing systems
- Pressure Rating: 20 – 70 PSI (1.4 – 4.8 bar)
- Inlet: 1/2"

Models

- NP2 - 2" (5 cm) Narrow Profile Spray Body
- NP4 - 4" (10 cm) Narrow Profile Spray Body



PRO-S SPRAYS

Proven long life and outstanding performance.

Features & Specifications

- Co-molded wiper seal — Ensures a leak-free, full pop-up even under low-pressure situations. Treated with UV inhibitors for long life.
- Carefully selected seal material reduces degradation and stick-ups
- Heavy-duty retraction spring — Strongest in the industry for complete retraction in all soil conditions
- Pre-installed flush cap
- Accepts female threaded nozzles
- Fits in Rain Bird[®] 1800 can
- Pressure rating: (1.4 – 4.8 bar)
- Inlet: 1/2"



Nozzle Guard (Optional)



Check Valve (Optional)



HIGH-EFFICIENCY KVF NOZZLES

Complete flexibility for working in a variety of terrains.

Features & Specifications

- Superior Spray Patterns
- Fits any male-thread spray body
- Color-coded for Easy Identification
- Uniform Water Distribution
- Water Efficient Low Flow Rates
- Extra Long Filters Extend Time Between Cleaning

Models

- KVF6 - 6' (1.8 m) Nozzle (Red)
- KVF8 - 8' (2.4 m) Nozzle (Green)
- KVF10 - 10' (3 m) Nozzle (Blue)
- KVF12 - 12' (3.7 m) Nozzle (Brown)
- KVF15 - 15' (4.6 m) Nozzle (Black)
- KVF17 - 17' (5.2 m) Nozzle (Grey)



FIXED PATTERN NOZZLES

Female-threaded. and special patterns for system flexibility

Features & Specifications

- Four distances plus eight fixed patterns provide an array of system configurations
- Color-coded for easy identification

PERFORMANCE DATA				
Nozzle	Pattern	Pressure Bar	W x L in meters	Flow LPM
Center Strip		1.5	1.2 x 7.3	3.0
		2.0	1.2 x 9.1	3.8
End Strip		1.5	1.2 x 3.7	1.5
		2.0	1.2 x 4.6	1.9
Side Strip		1.5	1.2 x 8.5	4.2
		2.0	1.5 x 9.8	4.9
High Low		1.5 High	4.3 x 8.5	9.5
		Low	1.2 x 8.5	
		2.0 High	4.6 x 9.8	11.4
		Low	1.5 x 9.8	



Models

- FN15CS: Center Strip. Female
- FN15ES: End Strip. Female
- FN15SS: Side Strip. Female
- FN15HL: Hgh Low. Female

FULLY ADJUSTABLE ROTARY NOZZLE

Ideal for watering smaller lawns, ground cover and shrub areas

Features & Specifications

- Fully adjustable 80° to 360° – only one SKU per distance
- Hand adjustable – no tools needed
- Radius adjustment up to 30% – patented flow control
- Arc adjustment wet or dry – visual left start and right stop
- Double pop-up system – superior dirt tolerance
- Matched precipitation – superior efficiency in water and uniformity through all patterns and distances
- Multiple stream technology – for improved wind resistance
- Large filter – prolongs product life
- Can be installed in the same zone as rotors

Models

- RN100-ADJ - 13' – 15' (4 – 4.6 m). Green
- RN200-ADJ - 16' – 19' (4.9 – 5.8 m). Blue
- RN300-ADJ - 26' – 30' (7.9 – 9.1 m). Red



BUBBLERS

Pressure-compensating bubblers are ideal for non-turf areas.

Features & Specifications

- Pressure compensation ensures consistent flow rates over lower pressure ranges.
- Pressure compensating bubblers are ideal for tree and large shrub watering.
- Operating Pressure: (1.4 – 3.5 bar)
- Spacing: (0.3 m – 0.9 m)
- Umbrella Pattern



PRO-LC

Feature-packed, user-friendly and now a WiFi-Ready controller.

Features & Specifications

- Available in 4, 8, 12 Station Models
- Patented full program display feature shows days, start times, number of stations and special programming
- WiFi requires the BRIDGE WiFi Module, sold separately
- Rain sensor and rain/freeze sensor ready
- Built-in Level – Makes leveling the unit easy
- Station Run Times: 1 minute to 6 hours
- Number of Programs: 3
- Number of Automatic Start Times: 4 per program
- Program Watering Schedules: Odd (odd calendar days), Even (even calendar days), Custom (day of the week) Interval 1-31 days
- Power Input: 240V AC.
- Power Output: 24V AC 1.0Amp
- Power Backup: Lithium coin-cell battery maintains time and date during primary power outages.



Wi-Fi Bridge

RPS™ 46

The easiest to use mini irrigation controller.

Features & Specifications

- 4 & 6 Station Models – Perfect for residential lawn
- 4 Fully Independent Programs – Allowing up to 4 starts per program. Maximum 16 starts per day
- Rain sensor and rain/freeze sensor ready – Allows automated operation to be controlled by sensor
- Battery Back-Up – Saves program during power outages
- Indoor Models with External Transformer & Plug Specifications
- Station Run Times: 1 min. to 12 hrs. 59 min.
- Program Watering Schedules: 7-day calendar with individual day selection, or 1 to 15 day interval. or 365 day calendar for ODD/EVEN day watering
- Power Input: 240V AC.
- Power Output: 24V AC.
- Overload protection: Standard 20mm 1.0 AMP fuse



SITEMASTER, 2-Wire Decoder Controller

Features & Specifications

- Number of stations: Up to 99
- Weather station capable
- Connect up to 2 hard-wired flow meters and 3 additional meters attached to decoders in the field
- Rain sensor and rain/freeze sensor ready
- 6 independent programs with 6 start times each
- Full on-screen keyboard makes naming and programming easy and intuitive
- Advanced diagnostics include interactive fault log, decoder signal strength/status
- Largest screen in the industry displays run times, watering days, number of start times
- Two fully independent wire paths for easy layout design and troubleshooting
- Special features include seasonal adjust, station/zone grouping, program backup and restore
- Station delay/overlap and pump pressurization allows dual operation and pressurization for each of the 5 separate pump start locations
- Vandal-resistant lockable housing



PRO EX 2.0, Modular Irrigation Controllers

Ideal for watering smaller lawns, ground cover and shrub areas

Features & Specifications

- WiFi enabled – Syncs with wifi to allow functionality through a smartphone, tablet, or web browser.
- Patented Full Program Display
- Rain sensor ready
- Identifies and isolates stations with valve or wiring problems (shorts, faults, valve location) while the remaining program continues.
- **Upgrades from 4 to 28 stations** - with NEW 14 station module.
- Visual and/or audible alerts • when programming errors or other conditions have been detected and are preventing operation.
- Non-volatile memory saves programs during power outages.
- Buried Valve Locate Feature – Helps locate buried valves in the field.
- Permanent Day Off – Set any day of the week, regardless of programming, as a non-watering day.
- Built-in Level – Makes leveling the unit easy during installation.
- Station Run Times: 1 second to 6 hours for all stations
- Number of Programs: 3
- Power Input: 240V AC Power Output: 24V AC



SOLENOID VALVES

Features & Specifications

- Manual External Bleed Screw – Provides for manual operation in system start up
- Manual Internal Bleed through Solenoid – Provides for manual operation without discharging water outside the valve
- Captured Plunger – Allows for the solenoid to be removed without losing the internal plunger
- Heavy Duty, Corrosion, and UV Resistant PVC Construction – Increases the life of the valve
- Self Cleaning Screen – The screen is in the flow path of water for self-cleaning action during operation
- Removable Inlet Cap – Allows for easy conversion from globe to angle-style valve (only comes with 1½" & 2")

Models

- PRO100 - 7075 - ¾"
- PRO150 - 7101 - 1"
- PRO150 - 7115 - 1½"
- PRO150 - 7102 - 2"



Operating Specifications

7075 PROSERIES 100 - ¾" VALVE

Flow Rate, GPM	1	5	10	15	20.0
PSI Loss	4.0	5.0	6.0	11.0	14.0
Pressure Range	20-150 PSI (1.4 - 10.3 bar)				
Flow Range	1-20 GPM (3.8 GPM - 75.7 LPM)				

7115 PROSERIES 150 1-½" VALVE

Flow Rate, GPM	20	30	40	50	60	80
PSI Los, Globe	3.0	2.6	2.3	2.9	4.1	5.5
PSI Loss, Angle	2.7	2.2	1.9	2.2	3.0	4.4
Pressure Range	20-150 PSI (1.4 - 10.3 bar)					
Flow Range	20-80 GPM (75.7 - 302.8 LPM)					

7101 PROSERIES 150 1" VALVE

Flow Rate, GPM	5	10	15	20	30
PSI Loss	2.9	2.1	1.8	3.0	5.0
Pressure Range	10-150 PSI (0.7 - 10.3 bar)				
Flow Range	5-30 GPM (18.9 - 113.6 LPM)				

7102 PROSERIES 150 2" VALVE

Flow Rate, GPM	20	30	40	50	60	80	100	120
PSI Los, Globe	2.2	1.9	1.7	1.5	1.6	2.9	4.8	6.2
PSI Loss, Angle	1.9	1.9	1.7	1.5	1.5	2.1	3.2	4.6
Pressure Range	20-150 PSI (1.4 - 10.3 bar)							
Flow Range	20-120 GPM (75.7 - 454.2 LPM)							

BLUE, Bluetooth Battery-Powered Controller



Features & Specifications

- Ideal for areas where AC power is unavailable
- Change controller settings via smartphone, tablet or web browser
- Manage hundreds of controllers from one easy app
- Geo-location feature – see every site, every controller, every program
- Alerts you when a battery replacement is required
- Rain sensor and rain/freeze sensor ready – Allows automated operation to be controlled by sensor
- IP68 certified fully waterproof enclosure installs right in the valve box
- Ideal for isolated/remote valve boxes where running power is expensive or difficult
- Standalone – works with 9V DC alkaline battery type.
- Full virtual backup – back up program information & preferences to the cloud for easy future restoration
- Add a passcode lock to each controller for added security
- 6 programs, 8 start times
- Bluetooth range; 35' (10 m)
- Maximum distance between the timer and solenoid is (30 m) with 18 AWG.

RAIN SENSOR

Turn your irrigation controller into an expert water manager



Features & Specifications

- Flexibility Allows a K-Rain Wireless Rain Sensor to be paired with any manufacturer's rain sensors terminal equipped controller.
- Weather Resistant. Engineered with impact-modified, UV-resistant polymer for outdoor exposure.
- Simplicity, Provides the advantage of extremely quick, easy installation and programming, along with simple pairing with a K-Rain Rain Sensor.
- Maintenance Free, No batteries to replace.



ATOM 14 WFC

Full Circle 3/4" Impact Sprinkler

Standard Nozzles : 4mm – 4.5mm – 5mm

Body Angle : 25°

Inlet Size : 3/4" male 1 Box 60 PCS

Radius : 12 mtr - 15 mtr

Discharge : 18 LPM - 38 LPM

ATOM14 PC

Full Circle & Part Circle 3/4" Impact Sprinkler

Standard Nozzle : 4.5mm (Black) Water Breaker

Body Angle 25°

Inlet Size : 3/4" male 1 Box 55 PCS

Radius: 13 mtr - 16 mtr

Discharge: 15 LPM - 29 LPM



ATOM15 FC

Full Circle 1" Impact Sprinkler

Standard Nozzle : 6 mm (Orange) - 3.2 mm (Dark green)

Body Angle 22° & 27°

Inlet Size : 1" Female Thread 1 Box 40 PCS

Radius: 14 mtr - 18 mtr

Discharge: 33 LPM - 67 LPM

ATOM15 PC

1" Part or Full circle Impact Sprinkler

Standard Nozzles : 5.5mm (White)

Body Angle 23°

Inlet Size : 1" Female Thread 1 Box 30 PCS

Radius: 14 mtr - 20 mtr

Discharge: 22 LPM - 55 LPM





ATOM22 PC

Full Brass Spindle and Full & Part Circle

Standard Nozzles : 6mm - 8mm - 10mm

Brass Water Breaker,

Inlet Size : 1" Female Thread

Radius: 13 mtr - 21 mtr

Discharge: 40 LPM - 144 LPM

ATOM28 X PC

Aluminium body, Brass and Stainless Steel Spindle

Full & Part Circle

Standard Nozzles : 10mm - 12mm - 14mm

Inlet Size : 1.25" Brass Female Thread

Radius: 19 mtr. - 27 mtr.

Discharge: 108 LPM - 277 LPM



ATOM35

Aluminium body, Brass and Stainless Steel Spindle

Standard Aluminium Nozzles : 12mm - 14mm - 16mm - 18mm

Full & Part Circle

Inlet Size : 1.5" Brass Female Thread, Body Angle : 27°

Radius: 20 mtr - 35 mtr

Discharge: 155 LPM - 542 LPM

ATOM42 FC

Aluminium body, Brass Spindle

High Performance Full Circle Impact Sprinkler

Standard Nozzles : 12 mm - 14mm - 16mm - 18mm - 20mm - 22mm

Inlet Size : 2" Brass Female Thread

Radius: 24 mtr - 44 mtr

Discharge: 183 LPM - 767 LPM





ATOM42 PC

Aluminium body, Brass Spindle

High Performance Full & Part Circle Impact Sprinkler

Standard Nozzles : 12 mm - 14mm - 16mm - 18mm - 20mm - 22mm

Inlet Size : 2" Brass Female Thread, Body Angle : 28°

Radius: 22 mtr - 45 mtr

Discharge: 195 LPM - 850 LPM

TURFJET

(Small Turbine Drive Raingun for Horse Arenas and Turf Irrigation, or Synthetic Turf Cooling)

Nozzles : 10 mm - 12mm - 14mm - 16mm - 18mm - 20mm - 22mm

Body Angle 25°

Inlet Size 2" Female Thread

Radius: 19 mtr - 46 mtr

Discharge: 108 LPM - 808 LPM



SUPER TURFJET

(Small Turbine Drive Raingun for Horse Arenas and Turf Irrigation, or Synthetic Turf Cooling)

Nozzles : 20mm-22mm-24mm-26mm-28mm-30mm-32mm

Body Angle 25°

Inlet Size 2 " Female Thread

Radius: 34 mtr - 61 mtr

Discharge: 500 LPM - 1800 LPM



QUICK COUPLING SYSTEM

Inlet female 1.5" X Output male 1.25"

Inlet female 1.5" X Output male 1.5

Inlet female 2" X Output male 2"

Inlet female 2.5 " X Output male 2"

Inlet female 2.5 " X Output male 2.5"

Inlet female 3 " X Output male 3"





JET35

Standard Nozzles : 10mm-12mm-14mm-16mm-18mm

Body Angle : 24°

Inlet Size : 1.5" Female Thread

Radius: 18 mtr - 36 mtr

Discharge: 108 LPM - 536 LPM

JET40

Standard Nozzles : 10mm-12mm-14mm-16mm-18mm-20mm-22mm

Body Angle 25°,

Inlet Size : 2" Female Thread

Radius: 24 mtr - 45 mtr

Discharge: 140 LPM - 733 LPM



JET55

Standard Nozzles : 20 mm, 22 mm, 26 mm, 28 mm

Body Angle 25°

Inlet Size : 2.5" Female Thread

Radius: 35 mtr - 55 mtr

Discharge: 463 LPM - 1358 LPM



JET70

Adjustable Speed Control Nozzle Standard Nozzles : 30mm-32mm-34mm-36mm

Optionally Nozzles : 24mm - 36mm - 38mm - 40mm- 42mm

Body Angle 23°

Inlet Size : 78 X 145 Flange Connection

Radius: 50 mtr - 79 mtr

Discharge: 1050 LPM - 3150 LPM





DUSTJET 27°

Standard Nozzles : 18mm -20mm -22mm -24mm-26mm- 28mm

Body Angle 27°

Inlet Size 2" Female Thread

Radius: 32 mtr - 53 mtr

Discharge: 390 LPM - 1266 LPM

DUSTJET 43°

Dust Control Raingun For Mining

Nozzles : 14mm - 16mm - 18mm - 20mm - 22mm - 24mm

Body Angle 43°

Inlet Size 2 " Female Thread

Radius: 27 mtr - 47 mtr

Discharge: 250 LPM - 967 LPM



SUPER DUSTJET 43°

Suitable For Seawater Application - Special Designed Double Lower Body Bearings and SS accessories

Nozzles : 22mm - 24mm - 26mm - 28mm - 30mm - 32mm

Body Angle 43°

Inlet Size : 78mm x 130 mm Flange Connection

Radius: 38 mtr - 55 mtr

Discharge: 683 LPM - 1800 LPM





PASTURE MASTER



IRRIFORCE MICO



IRRIFORCE ULTRA



MULTI THREADED TAP CONNECTOR

1/2" (15-21 mm), 3/4" (20-27 mm)

Compatible with two tap sizes, it is installed without using any tools.

Perfectly Watertight

Can Be Used With Taps In Two Different Sizes

Compatible With Automatic Quick-click Couplings

QUICK-FIT TAP CONNECTOR

3/4" (20-27 mm)

Indoor tap connector to attach a hose with a tap in the kitchen or bathroom.

For taps with 22 mm male or 24 mm female thread

Connection with quick release lever clamp mechanism.

Quick-Click coupling. Fully watertight connection.



DOUBLE TAP CONNECTOR

A single connector to connect two couplings to a tap, independently regulating water flow on each way.

Can Be Used With Taps In Two Different Sizes

Independent Adjustment On The 2 Lines

Compatible With Automatic Quick-click Couplings



SMOOTH TAP CONNECTOR

Allows for couplings to be connected to even the most common taps without screw threading with the utmost ease.

Perfectly Watertight

Compatible With Automatic Quick-click Couplings





KOALA QUICK-CLICK

The original Claber idea to connect a flexible hose even to square and mixer taps with extreme ease.

Perfectly Watertight

Compatible With Automatic Quick-click Couplings

Easy to install with tap

COUPLING WITH SHUT-OFF VALVE

A reliable and simple solution to join two flexible hoses and, in addition, to be able to adjust the flow rate at will.

Perfectly Watertight

Adjustable Flow

Tested Up To 1.5 Million "clicks"

Compatible With Automatic Quick-click Couplings



TAP CONNECTOR AND 1/2" COUPLING SET

Everything you need to connect the hose to the tap and other accessories.

Perfectly Watertight

Ergonomic Design

The Connector Can Be Used With Taps In Two Different Sizes

Coupling Tested Up To 1.5 Million "clicks"



1/2" HOSE CONNECTION SET

Allows for couplings to be connected to even the most common taps without screw threading with the utmost ease.

Perfectly Watertight

Ergonomic Design

Couplings Tested Up To 1.5 Million "clicks"

Coupling With Aquastop System





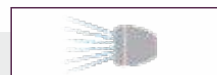
FAN SPRAY

Shower lance with non-slip handle grip, designed to water flower beds and potted plants with a light, uniform rain effect. It allows you to adjust the water jet thanks to the convenient integrated tap.

Ergonomic Design

Adjustable Flow

Stainless Steel Plate With Holes Drilled



ELEGANT TELESCOPIC MULTIFUNCTION LANCE

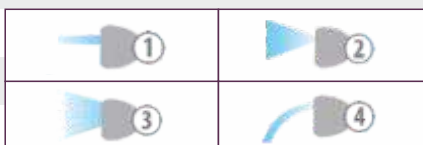
This multifunction lance has a telescopic system that extends with a simple movement to comfortably water even the most hard to reach areas.

Ergonomic Handle Grip

Adjustable Jet And Water Flow

4 Different Jets

Swivelling Spray Head



ELEGANT MULTIFUNCTION PISTOL

Versatile, multifunction spray pistol, it can be used for all your irrigation needs and even for cleaning. Equipped with four different jets that you can select simply by rotating the front part.

Ergonomic Handle Grip

Adjustable Jet And Water Flow

4 Different Jets

Aerator



PLUS SPRAY NOZZLE

Compact, practical spray to easily obtain the desired water jet. The comfortable handle allows you to regulate the flow rate at any moment to satisfy all your irrigation needs.

Adjustment Cap And Handle

2 Different Jets





MULTIFUNCTION SPRINKLER

Very easy to use, yet versatile stationary sprinkler for all your small garden needs. Ready for immediate use, it guarantees uniform and gentle irrigation, without puddles.

Works Even At Low Pressures

6 Different Jets

Jets Mimic Natural Rain Effect

ROLLINA

The easiest way for practical and uniform irrigation of a small green space. Ready for immediate use, it guarantees uniform, gentle irrigation, without puddles.

Works Even At Low Pressures

Jets Mimic Natural Rain Effect



SPRAY-JET

This sprinkler on spike with rotating arms has a modern design and waters with a light spray, similar to natural rainfall.

Works Even At Low Pressures

Adjustable Nozzles

Stable Stake

Jet Mimics Natural Rain Effect





COMPACT-12

Compact oscillating sprinkler for small gardens. The large turbine guarantees top irrigation performance using only the power of the water.

Works Even At Low Pressures

Self-lubricating Gears

Selection of Areas To Be Watered

Jets Mimic Natural Rain Effect

Bar	m ²	m	l/min
1	98	11.5 x 8.5	9.1
2	169	14.5 x 11.5	12.4
3	192	17.5 x 11.0	14.1
4	165	16.5 x 10.0	15.7

COMPACT-20 AQUA CONTROL

Oscillating sprinkler suitable for medium to extensive green spaces. You can choose from 5 water settings for tailored, waste-free irrigation.

Works Even At Low Pressures

Selection of Areas To Be Watered

Jets Mimic Natural Rain Effect

Aqua Control Adjustment System

Bar	m ²	m	l/min
1	83	10.1 x 8.2	11.8
2	202	16.4 x 12.3	18.0
3	269	19.2 x 14.0	21.5
4	290	19.9 x 14.6	25.5



COMPACT-16 SUPER METAL

Oscillating sprinkler, ideal for extensive green spaces. The large turbine guarantees top irrigation performance using only the power of the water.

Works Even At Low Pressures

Self-lubricating Gears

Selection of Areas To Be Watered

Jets Mimic Natural Rain Effect

Bar	m ²	m	l/min
1	100	10.5 x 9.5	10.5
2	215	16.0 x 13.4	15.5
3	305	18.8 x 16.2	19.0
4	320	19.2 x 16.7	21.0



A hose reel with an exclusive automatic rewind mechanism, "Slow Rewind", for safe and easy use. Ready to use with 10m/ 20M/30M of special non-deformable hose with an anti-friction surface. It is made from materials resistant to impact and sunlight, equipped with an extension hose to connect it to a tap (1.5 m)



ROTOROLL EVOLUTION 10 M - 20 M - 30 M

Automatic hose reel with an original design and technology. Innovatively convenient and safe to use with its smooth winding hose and internal Slow Rewind mechanism, which guarantees perfect winding every time.

Complete Set (10 M / 20 M / 30 M of Hose)

Automatic Rewind

Wall Mount

Slow Rewind System

ROTOROLL EVOLUTION FLOOR STAND

The Rotoroll Evolution is even more convenient with the base to fix it to the ground: no need to install the hose reel on the wall, it can now be positioned where you want.

Installation On The Ground

360° Rotation





HAPPY FRESH EVOLUTION 12 M KIT

Happy Fresh is the practical kit designed by Claber to cool down hot summer days. Quick to assemble, the Happy Fresh Kit can easily be hooked onto parasols, gazebos and sunshades; you just need a tap to install the Aquauno Mist on and to set the frequency and run time of nebulisation sessions.

Complete Kit With Battery-operated Timer

Easy Installation

Reduces The Temperature By Up To 6°C



TIMER KIT 20 PRATICO

Everything you need to easily create a drip system for potted plants without using any tools, adjusting the amount of water delivered to each individual plant.

Designed For DIY

Complete Kit With Battery-operated Timer

With Adjustable Drippers

Suitable For Up To 20 Plants





DUAL SELECT

A single water timer to manage two independent lines with the utmost simplicity, pressing just a few push-buttons. You can choose from 14 irrigation times and 7 frequencies for a total of 98 programs for each line.

98 Possible Combinations For Each Line

Delayed Start

High Visibility Backlit Display

Can Be Connected To Rain Sensor

HOSE REELS & KITS



Mini Set



Silver Elegant Hose Kit



Starter Garden Kit

HOSES



Top Light - 15M



Top Light - 25M



Silver Elegant Plus

OASIS® EVOLUTION

Even more versatile and high-performing, unbeatably practical and reliable: Oasis Evolution is the new version of the Oasis water distributor. With no need of a tap or an electrical power supply, Oasis Evolution enables you to water up to 20 pots for several days. All you have to do is set up a simple drip-irrigation line using the drippers and accessories provided. There is a handy dial for viewing and selecting 1 of the 4 different watering programmes displayed on the backlit screen. Delayed starts are also possible. Perfect for watering house plants when you go on holiday.

Fully independent water-distributor, ready to use in few minutes and extremely compact. No need of connections to a tap or power mains. Oasis Evolution contains 25 litres of water and provides waste-free drip irrigation for up to 20 pots running on a daily cycle. Four different programmes (7, 14, 21, 28 days of autonomy), selected with a simple dial. Start button to start the programme immediately or with a delay of up to 23 hours. The backlit LCD display shows the selected programme, duration of the irrigation cycle in progress, any programmed delay, and the time remaining until the next irrigation cycle. Compact, elegant design that overlooks no detail. Operated by 2 x AA 1.5 V batteries (not included). Supplied with 10 metres of PVC feeding hose, 20 drippers and 20 hose stakes.



PROGRAMME	ml PER DRIPPER
7 days	145 ml
14 days	70 ml
21 days	45 ml
28 days	35 ml



AQUALUX® SYSTEM

Aqualux System is the new versatile system by Claber, for watering potted plants every day without the need of a connection to a tap. Aqualux can be assembled in just a few minutes and guarantees up to 4 weeks of autonomy, thanks to its large 30-litre tank. The integrated electric pump operates an irrigation system with fixed-flow drippers, which can water up to 20 pots. A versatile, reliable and easy-to-use solution to create a true drip irrigation system.

Suitable for house plants as well as for terraces and balconies. The system can be powered electrically by a USB adaptor (included), or 2 rechargeable AA 1.2V NiMH batteries, min. 2400 mAh (not supplied). Foldable water tank in thick PVC, 30-litre capacity. Handy opening at the top for filling. No tools required to assemble the upright supports. Four different programmes (7, 14, 21, 28 days of autonomy), selected with a simple dial. Start button to start the programme immediately or with a delay of up to 23 hours. The backlit LCD display shows the selected programme, the duration of the watering cycle in progress, any programmed delay and the time remaining until the next irrigation cycle.



PROGRAMME	ml PER DRIPPER
7 days	200 ml
14 days	100 ml
21 days	65 ml
28 days	50 ml



GEM-FLOW, G75-S, Electric, 2" 2 Way NC

Technical Specifications

Function	: 2 Way NC
Ports size	: 2" BSPT
Pressure range	: 0.3 to 10bar
Temperature range	: Fluid : 5°C to 50°C (no freezing) Ambient : -10°C to 50°C
Solenoid	: • G75, 2W NC all voltages. • AC, DC and Latch
Coil voltage	: All Baccara coil voltages are $\pm 10\%$ of nominal

Construction Material

Manual override	: Plastic (Reinforced Nylon)
Main Valve	: Plastic (Reinforced Nylon)
Solenoid Operator	: Stainless Steel AISI 300 & 400
Diaphragm	: NR
Seals	: NBR
Spring	: Stainless Steel AISI 300 series



GEM-SOL, GEM-Z Zero Differential Pressure 1/4" - 3/4" 2 Way NC, NO

Technical Specifications

Function	: 2 Way NC, NO
Ports size	: 1/4", 1/2", 3/4" BSPT
Pressure range	: Upto 4 Bar
Temperature range	: Fluid : -10°C to 80°C (no freezing) Ambient : -10°C to 50°C
Media	: Air, Water & Oil
Coil voltage	: All Baccara coil voltages are $\pm 10\%$ of nominal

Construction Material

Main Valve	: Brass / SS AISI 316 / Reinforce Nylon
Solenoid Operator	: Stainless Steel AISI 300 & 400
Diaphragm	: NR
Seals	: NBR / FKM / EPDM



GEM-FLOW, 500 SERIES, Hydraulic Control Valves

500 series valves are direct diaphragm closing automatic hydraulic control valves which work with line pressure. They ensure easy and smooth flow with minimum pressure losses thanks to excellent design of the valve body and diaphragm. No wearable parts such as stem, bearing, and seat exist in the main valve body, and valve life is much longer than other competitor valves. The only movable part of the valve is the valve diaphragm.

500 series hydraulic control valves are designed so that they can be used in portable water force network, agricultural irrigation, and industrial applications by even unskilled personnel.



Technical Specifications

Function	: 2 Way NC
Ports size	: 1½", 2", 2½", 3" & 4"
Pressure range	: 0.7 to 10bar
Temperature range	: Fluid : -10°C to 60°C (no freezing) Ambient : -10°C to 60°C

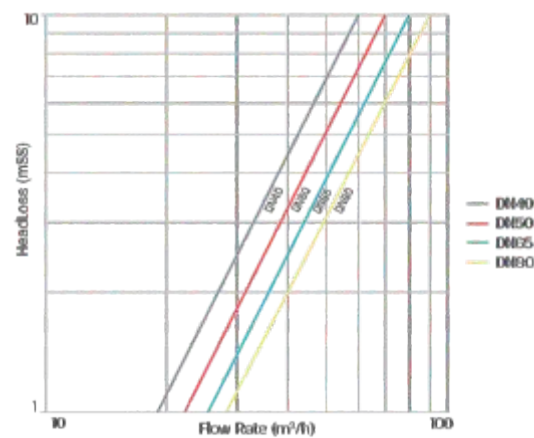
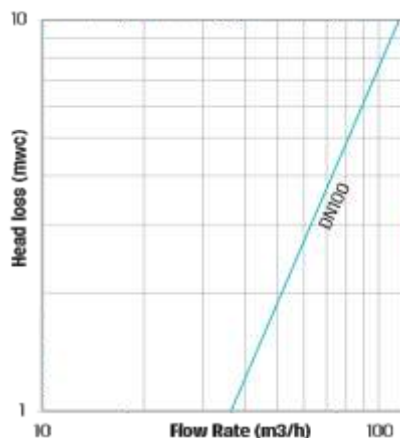
Construction Material

Body	: Glass Reinforced Polyamide
Bonnet	: Glass Reinforced Polyamide
Diaphragm	: Natural Rubber
Spring Thrust Ring	: Glass Reinforced Polyamide
Spring	: SST302
Bolt	: SST304
Nut	: Brass

General Features

- Easy use and maintenance due to simple design
- Low cost
- Operation in wide pressure range
- Perfect modulation even in lower flow rates
- Anti-surge closing and opening with a flexible diaphragm
- Full tightness thanks to reinforced diaphragm and innerspring
- Long life with Glass Reinforced Polyamide material
- Wide control application range by using different pilot valves
- Operation in both horizontal and vertical positions in application areas

Head Loss Chart



GEM-FLOW, G500-S, Hydraulic with Manual Selector 1½" - 4"

Description

G500-S model valve is the hydraulic control valve operated by line pressure and designed to ensure opening/closing process by means of a 3 Way selector valve. Minimum opening pressure of valve is 0.7 bar.

Thanks to its flexible diaphragm, it makes easy and fast control process in high pressure applications and is closed completely tight without causing surge.

It may be used in different applications by adding different pilot valves on its main body.

Application

- Use G500-S for local operation of hydraulic valve by a manual command.
- Use G500-S for water distribution and field.



GEM-FLOW, G500-EL, Electric Solenoid Control Valve 1½" - 4"

Description

G500-EL model valve is the hydraulic control valve operated by line pressure and designed to ensure opening/closing process by means of built-in 3 Way solenoid pilot valve controlled remotely with electric signal*.

Electric signal for solenoid pilot valve is ensured by means of a control device, time relay, main switch and PLC control units etc.

Opening/Closing process may be realized easily thanks to manual control on solenoid pilot valve, depending on requirements, 24V AC 50Hz/60Hz or 12V DC, 9V Latch and 12V DC Latch normally open (NO) or normally closed (NC), solenoids coils may be used on main valve.

Application

- Use G500-EL to remove operation of hydraulic valve by an electric command.
- Use G500-EL for water distribution.



GEM-FLOW, G500-C, DC Battery Controller 1½"- 4"

Description

G500-C model valve is the hydraulic control valve operated by line pressure and designed to ensure opening/closing process by means of built-in solenoid pilot valve controlled remotely with electric signal at required time or required duration.

Electric signal for solenoid pilot valve is ensured by means of a control device, time relay, main switch and PLC control units etc.

Opening/ Closing process may be realized easily thanks to manual control on solenoid pilot valve, depending on requirements. The controller irrigates in cycles, during a window of time according to your needs.

Application

- Use G500-C for programmed irrigation
- Use G500-C for water distribution



GEM-FLOW, G500-PR, Pressure Reducing Valve 1½"- 4"

Description

G500-PR model pressure reducing control valve is the hydraulic control valve which reduces high upstream pressure value to desired lower pressure value by means of built-in pressure reducing pilot valve.

Pressure reducing control valve controls downstream pressure value continuously and maintains it constant without being affected from flow rate and upstream pressure values.

When no flow exists in the system, it closes itself automatically. When valve upstream pressure value is lower than set point, it is opened fully by itself. Valve may be used in vertical or horizontal positions in the system.

Application

- Use G500-PR for irrigation, water distribution and filtration systems
- Smart-designed G500-PR provides high corrosion resistance



GEM-FLOW, G500-PREL, Electric Pressure Reducing 1½"- 4"

Description

G500-PREL model pressure reducing valve is the hydraulic control valve which reduces high upstream pressure value into desired lower pressure value.

Control of main valve is achieved by means of built-in solenoid pilot valves.

Electric signal for solenoid pilot valves is ensured by means of a control device, time relay, main switch and PLC control units etc. Automated control may be easily ensured by this way in application systems.

Application

- Use G500-PREL for water distribution, where downstream pressure should be reduced, the valve is commanded to open



GEM-FLOW, G500-PRPS, Pressure Reducing & Sustaining Valve 1½"- 4"

Description

G500-PRPS model pressure reducing/sustaining hydraulic control valve reduces valve downstream pressure to desired value by sustaining upstream pressure. Two pilot valves exist on the valve. Pilot valve on upstream side is the pressure sustaining pilot valve and sustains upstream pressure.

The other pilot valve is pressure reducing pilot valve and keeps downstream pressure constant by reducing it to desired value. Reducing / sustaining control valve pumps fluid downwards; it ensures that the system works within normal values by regulating overflow and high pressure in pumping systems.

It controls upstream and downstream pressure continuously and keeps them within constant values.

Application

- Use G500-PRPS for protecting booster pumps and preserving set pressure downstream



GEM-FLOW, G500-QR, Quick Pressure Relief 1½" - 4"

Description

G500-QR model quick pressure relief valve is the safety control valve designed to protect the system by releasing pressure surges, which are caused by sudden changes in water speed due to pumps put into/ out of service, in water network elevation lines to the atmosphere quickly.

When network pressure exceeds set point, the valve opens by itself quickly and protects the system by releasing over pressure.

When the line pressure decreases to normal level, it is tightly closed slowly and automatically without causing a surge.

Application

- Use G500-QR when wishing to avoid unwanted high pressure



GEM-FLOW, G500-PS, Pressure Sustaining Valve 1½" - 4"

Description

G500-PS model pressure sustaining hydraulic control valve maintains valve upstream pressure value constant. Valve is opened when line pressure reaches the preset pressure level. It ensures that pump motor within pumping systems will start without load. It also prevents positive pressure waves caused by pump during start-up.

The valve controls upstream pressure value continuously and keeps it at a constant value without being affected from changes in flow rate.

When no flow exists, it closes tightly by itself.

Application

- Use G500-PS for maintaining a constant upstream pressure or to avoid unwanted high pressure



GEM-FLOW, ii.ri-C, Smart Irrigation Controller

Features

- Single station Irrigation Controller
- Wireless operated by smart device
- Four irrigation program types
- Minimum required iOS 7 or Android V4.3
- Battery included

Technical Specifications

Function	: 2 Way Latch
Pressure range	: 0 to 8 bar
Temperature range	: Fluid : 5° to 50°C (no freezing) Ambient : -5° to 50°C
Communication	: Wireless BLE
App Downloading	: Apple Store / Google Play Store
Pairing code	: Not required
Com. Range	: Up to 10 m (32.8 feet)
Battery type	: Cr123
Mounting	: Direct mounting on UNEF 3/4"
Standard / Certification	: • CE • Federal Communications Commission (FCC) • EN55011 Group1 – Class A / EN61000-6-1 • CFR 47 FCC Class A • EMC- SII Certificate of Conformity
Standard protection class	: Dust and watertight IP68



PROGRAMMING KEY FEATURES

Weekly	Interval Days	Even / Odd Days	Window
Irrigation each day of the week	Periodical days upto 98 Periods	Even / Odd Calendar Dates	Repeated cycles within a defined time frame
Set upto 6 cycles per day			Set cycle On and Off duration
Option to set different irrigation durations per cycle			Set Start and end times for irrigation



GEM-FLOW, G75-C, Irrigation Controller

Technical Specifications

Operating temperature	: -10° to 60°C
Electrical	: • Single 9V alkaline battery; • Back-up memory • Low battery warning • Power saving LCD • Battery included
Solenoid	: Compatible with G75 4Ω latch operator
Valve	: Can operate any valve equipped with 3/4" UNEF solenoid cavity
Software	: 24 hours real time clock
Certification	: CE Certified
Protection class	: • Dust and watertight • IP67 and NEMA 4X



Wall Mounting



Horizontal Mounting

GEM-FLOW, G75-BWM, Water Meter Controller

Features

- Single station water volume controller
- Connected to a water meter with pulse outlet
- Opens at a set time and closes when required water volume has been reached

Technical Specifications

Operating temperature	: -10° to 60°C
Electrical	: • Single 9V alkaline battery; • Back-up memory • Low battery warning • Power saving LCD • Battery included
Solenoid	: Compatible with G75 4Ω latch operator
Measurement units per pulse	: 100 liters 1m ³ 10m ³
Software	: 24 hours real time clock
Options	: Solar Panel Charger
Protection class	: • Dust and watertight • IP67 and NEMA 4X



NOTES



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WARRANTY & DISCLAIMER



Limited Product Warranty

All My Irigacio World products carry a one year "Limited Warranty" from the date of purchase unless otherwise stated. During this period My Irigacio World will repair or replace (at the option of My Irigacio World) the product or any part if found to be defective as to workmanship or material.

This warranty does not extend to damage to a My Irigacio World product resulting from misuse, neglect or abuse, normal wear and tear, or accident, to exterior appearance or colour or due to improper installation. Various products may carry a longer warranty period: check individual product specification sheets for warranty period.

This warranty extends only to an original user of My Irigacio World product.

IN NO EVENT SHALL MY IRIGACIO WORLD BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. ALL IMPLIED WARRANTIES ARE LIMITED IN DURATION TO ONE YEAR FOLLOWING THE DATE OF PURCHASE UNLESS INDICATED OTHERWISE.

If a defect arises in a My Irigacio World product within the warranty period, you should promptly contact your My Irigacio World dealer, distributor or MY IRIGACIO WORLD PRIVATE LIMITED.

If you have any questions concerning the warranty or its application, please contact My Irigacio World Private Limited.




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