

DRIP Irrigation Equipments

Pipes & Pipe Fittings (Contents of Kit)

1. 1pc universal tap connector
2. 4pc straight connector 16mm
3. 2pc tee 16mm
4. 2pc bend 16 mm
5. 4pc end closer
6. 40pc unregulated emitter 4lph
7. 10pc miss punch plug 4mm
8. 1pc punch tool
9. 16 mtrs extension tube 6 mm
10. 2 x 20 mtrs lateral pipe 16 mm



Drip Irrigation System

Drip Irrigation System ensures highest water use efficiency in comparison to any of the irrigation system. Under this system water is applied drop by drop near the root zone. Fertilizer efficiency is ensured when the same is applied through drip. Proper control over moisture and fertilizers results in higher yield.



Drip Lateral

On line drip system mainly used in wide spaced crop i.e. orchard, also used with micro sprinkler, foggers, micro-sprayer etc. Use in greenhouse. Made from LLDPE/LDPE for durability. "UV" resistance. Available in 12mm & 16mm OD in 2.5kg/cm² pressure rating.



Micro Sprinkler

Available in Different Models For Flow Rates, Coverage Area And Wetting Pattern Operates On Low Working Pressure. Range And Application Rate Suitable For All Types Of Horticulture Crops For Both Open And Greenhouse Cultivation.



Screen Filter

1. Mild Steel Construction
2. Powder coated with 70 to 80 micron thick deep blue Colour (Or selected Colour) pure polyester coated from inside and out side surface for protection against corrosion and weather effects.
3. Easy to open and clean.
4. Tangential inlet prevents the tearing of stainless steel screen on direct impact & abrasions of heavy particles available in standard mesh 150 micron Size (Other mesh size available on request)
5. Maximum Operating pressure 10 Kg/cm²
6. Standard end connections are BSP male thread.



Model	Height (mm)	Body Height(mm)	Weight (kg)	Connection
JPL-10m 3	430	190	8.5	2"
JPL-20m 3	560	330	10.5	2"

Hydro Cyclone Filter

1. Mild Steel Construction
2. Powder coated with 70 to 80 micron thick deep blue Colour (Or selected Colour) pure polyester coated from inside and out side surface for protection against corrosion And weather effects.
3. Hydro dynamically designed to create maximum centrifugal action to Separate particles heavier than water.
4. Large Volume of dirt collection chamber increases flushing interval.
5. Available in manual cleaning system.
6. Available in standard flange connection.
7. Optional multi tank modules for higher filtration capacities.



Model	Diameter (mm)	Height(mm)	Weight (kg)	Connection
JPL-10	250	1600	35	2"
JPL-20	300	1450	43	2 1/2"

Drip Accessories

1. Size Available: 2" & 3" BSP or NPT Male Threads.
2. Automat filters are made out of non-corrosive and durable engineering plastic for longer life.
3. Easy maintenance: The filter element can be easily extracted from the filter housing for rinsing.
4. Interchangeable filter element (both screen and disc elements can be interchanged within the same housing).

Ventury Injector

1. Available in: 3/4" BSP Male Threads.
2. Inlet Pressure: 0.7kg/cm² to 2.1kg/cm²
3. Outlet Pressure: 0.5kg/cm² to 1kg/cm²
4. Suction Capacity: 50 LPH to 70 LPH

DRIP EMITTER

Product Name: DRIP-JPL 1 Emitting Pipe
Range: 12mm, 16mm and 20mm dia with spacing of 30 cm to 150 cm with discharge of 1 to 4 LPH
Standards: IS 13488 with category "A"
Application: To irrigate close spacing crops



DRIP EMITTER

Product Name: DRIP-JPL 2 Emitting Pipe
Range: 12mm & 16mm dia with spacing of 30 cm to 150 cm with discharge of 2 LPH to 4 LPH
Standards: IS 13488 with category 'A'
Application: To irrigate close spacing crops



Emitters

Product Name: Emitter-Old Gold Dropper, Spike Dropper, Yuvraj Dropper, Turn-fit Dropper
Range: 2, 4, 8 LPH, regulated and unregulated
Standards: IS 13487 with category 'P'; and 'B' For
Application: Online Drip Irrigation System



Injector

Product Name: Fertilizer Injector
Range: 1", 1.5" and 2" inlet outlet size with suction capacity of 2100 LPH
Standards: IS 14483 Part-1
Application: To inject fertilizers & chemicals in Micro Irrigation Systems.



Drip Accessories

Product name: Nipple, Start Connector, Grommet, End Cap, Tee, Reducing Tee, Reducer, Lateral cock
Range: 12mm, 16mm and 20mm
Application: For Micro Irrigation Systems.



JPL COMPACT

A Market Leader in Turbulent flow Driplines

1. Diameter (mm) : 12 & 16
2. Dripper Spacing (cm): 25 - 150
3. Discharge (lph) : 1.6, 2.0, 2.2, 3.0 & 4.0
4. Applications : Row crops, vegetables, nurseries etc.



JPLPRO

Technology Applied to the Labyrinth

1. Diameter (mm) : 16 & 20
2. Dripper Spacing (cm) : 20 -100
3. Discharge (lph) : 1.0, 1.5, 2.2 & 4.0.
4. Applications : Intensive crops, tree plantations, green houses etc.



DS Technology

1. Top protection against Clogging.
2. Higher Uniformity.
3. Resistance to UV action.
4. Easy Handling.
5. Wide labyrinth.

JPLRAINTEC

An Ideal mix of Quality, Functionality & economy

1. Diameter (meter) : 0.9 - 9
2. Discharge (lph) : 31-164
3. Operating Pressure (bar) : 1.3 - 2.5
4. Applications: Green houses, orchards, vegetables, nurseries etc.



Perfection Exists

1. Modularity: Multiple Configurations.
2. Easy Installation: Easy to Assemble.
3. Uniformity & Accuracy: Uniform Distribution.
4. Safety: Special Locking System.
5. Resistance: Inhibitor of UV action.

JPL MANUAL FILTERS

1. Size (inches) : 3/4 - 2
2. Filtration Grade (micron) : 100 & 130
3. Filtering Element : Disc or screen
4. Maximum Pressure (bar): 6
5. Flow (m3/hr) : 5 - 25
6. Size (inches) : 2 - 6
7. Filtration Grade (micron) : 20 - 200
8. Filtering Element : Disc or screen
9. Maximum Pressure (bar): 6
10. Flow (m3/hr) : 30 100



JPL System

Drop to drop advantages

1. Delay clogging.
2. Optimizes performance.
3. Save water.
4. Minimum Maintenance.
5. Disc Filtration:Maximum security.
6. Backflushing: Performance & efficiency.
7. Modularity: Wide range & Flexibility.

JPL AUTOMATIC FILTERS

1. Filtration Grade (micron) : 5 - 200
2. Filtering Element : MG & wall disc



JPL FOGGER

1. Discharge (lph) : 32 (8lph x 4)
2. Operating Pressure (bar): 2.7 - 4.2
3. Applications : Green houses, poultry farm, stud farm etc.

FOGGER

1. Uniformity: Uniform water distribution.
2. Leak Proof: Pressurized opening & closing system.
3. Easy Installation.

