

Sprinkler Irrigation Equipments

Impact Sprinkler JPL 46

1. 3/4" BSP Male Threads
2. Operating Pressure: 1kg/cm² to 3kg/cm²
3. Discharge: 22 LPM to 39 LPM
4. Diameter of Coverage: 22mtr to 30mtr
5. Application: Agriculture.



Impact Sprinkler JPL 35

1. 3/4" BSP Male Threads, high pressure sprinkler
2. Operating Pressure: 2.1kg/cm² to 4.2kg/cm²
3. Discharge: 37 LPM to 74 LPM
4. Diameter of Coverage: 29mtr to 39mtr
5. Application: Agriculture.



Part Circle Sprinkler JPL 20 PC

1. 3/4" BSP Male Threads, high pressure sprinkler
2. Operating Pressure: 2.1kg/cm² to 4.2kg/cm²
3. Discharge: 37 LPM to 74 LPM
4. Diameter of Coverage: 29mtr to 39mtr
5. Application: Agriculture.



Part Circle Sprinkler JPL 30 PC

1. 1" BSP Male Threads.
2. Operating Pressure: 2kg/cm² to 4kg/cm².
3. Discharge: 65 LPM to 75 LPM.
4. Diameter of Coverage: 40mtr to 45mtr.
5. Application: Agriculture.



Impact Sprinkler JPL 21

1. 3/4" BSP Male Threads
2. Operating Pressure: 1kg/cm² to 3kg/cm²
3. Discharge: 25 LPM to 42 LPM
4. Diameter of Coverage: 21mtr to 27mtr
5. Application: Agriculture.



JPL 32 Full Circle Mettalic Sprinkler

1. Swing Arm and Body made of Die Cast Aluminium
2. Twin Nozzle (Brass)
3. 1 1/4" BSP Male Connection (Brass)
4. Trajectory Angle 230
5. Works on low operating pressure also
6. Available in 1 1/2" Male Connection with Industrial Plastic
7. Nozzle Size 10/8mm X 5mm
8. Stainless Steel Springs & Pivot Pin
9. Preferred by Tea and Coffee Plantation

Performance Chart

NOZZLE (mm)	PRESSURE (kg/cm ²)	RADIUS (mtrs.)	DISCHARGE (ltrs./min)
10.35x5.55	2.5	21.5	155
	3.5	23	165
	4.5	25.2	183
	5.5	27.5	201

HDPE Quick Coupled Pipe

1. HDPE Quick Coupled Pipe is widely used in plantation and large farms for conveyance of water and for high pressure sprinkler system.
2. Easy to operate - Spring loaded double hooks for easy coupling / uncoupling - suitable for high pressure duty condition - available in sizes ranging from 50 mm to 160 mm in different pressure rating with wide range of Fittings.



Sprinkler Model JPL 49 TN Salient Features

1. It can operate even on low pressure.
2. Tension of Swing Arm Spring is adjustable.
3. Cover on bearing system to safeguard Bearing Spring.
4. Its Die caste Body & Swing Arm ensures performance efficiency.
5. Powder coating on Body & Swing Arm eliminates oxidization.
6. Body designed to prevent entry of dust & sand particles.
7. Swing Arm Cap for protection from external damages to spring.
8. Cushion between Body & Swing Arm absorbs the impacting affect.
9. Range & Spreader Nozzle made of Glass filled engineering plastic though are rigid & tuff but having Smooth surface inside.
10. Bush of Engineering Plastic in between Body & Swing Arm minimizes wear and tear of Swing Arm.

Usage: For Agriculture, Horticulture, Lawn & Garden, Pollution Control and Dust Suppression, etc.
 Angle of nozzle: Range 30o, Spreader 20o , Micro 10o

Performance Chart*							
Nozzles Range	diameter of Holes in mm		Pressure of Sprinkler Kps	Diameter of Coverage m	Discharge m 3/h	Spacing m	Water application Rate mm/h
	Spreader	Micro					
5.1	3.1	1	100	25.2	1.77	12x12	3.55
5.1	3.1	1	200	28.6	2.34	12x12	3.63
5.1	3.1	1	300	31.3	2.85	12x12	3.70
5.1	3.1	1	400	32.5	3.15	12x12	3.80

Sprinkler pipe

Product Name: Sprinkler Pipe
 Range: 50,63,75,90,110, 125, 140 mm OD
 Standards: IS 14151Part-1&2
 Type: Regular, Notch and "C" clamp
 Coupler
 Application: Sprinkler and Drip Irrigation System.



Sprinkler Accessories

Product name: Sprinkler Coupler with Foot Batten, Bend, Tee, End cap, Pump Connecting Nipple
 Range: Dia: 50, 63, 75, 90, 110mm
 Type: Regular, Notch and "c" clamp Coupler thickest & Power Coated
 Application: Sprinkler and Drip Irrigation System.



Sprinkler Nozzle X Nozzle

Product Name: Metal Sprinkler Nozzle
 Range: 3/4" with discharge 2160 LPH
 Standards: IS 12232
 Application: Sprinkler Irrigation System



P Nozzle

Product Name: Plastic Sprinkler Nozzle
Range: 3/4" with discharge 1920 LPH
Standards: IS 12232
Application: Sprinkler Irrigation System.



Mini Sprinkler

Product Name: 9022 Mini Sprinkler Nozzle
Range: Part Circle (adjustable range) & Full Circle with 280 LPH & 560 LPH respectively
Standards: IS 12232
Application: To irrigate close spacing crops



Merits Of Sprinkler Irrigation System

1. An exact alternate to rain
2. Manufactures variety of sprinkler systems for plains and terrains conserving water by 40% to 60%.
3. Provides efficient sprinkler systems for both low and high pressure water pumps.
4. Provides ISI marked, UV Stabilized, High Density Poly Ethylene (HDPE) Pipes for main and sub main ensuring higher durability.
5. Pipes are strong, stress resistant and long lasting as they are not affected by acidity and alkalinity.
6. Sprinkler couplers are injection molded with insert molding which gives leak proof riser pipe connection and better clamping arrangements.
7. Easy and fast way to fix or remove pipes by providing quick release coupler.
8. The self seal in the coupler prevents leakage under water pressure.
9. Pipes are light in weight enabling easier transportation.



Features Of Sprinkler Irrigation System

- Uniform Irrigation
- Higher Area Covered
- High Yield
- Soil Conservation
- Suitable for all crops
- Water Economy