

### ALUMINUM CAST SPRINKLER 1 1/4"



Specification	Details
Construction Material	Aluminum Alloy Casting
Thread Type	1 1/4" BSP (Male/Female)
Working Pressure	4.5 - 5 kg/cm <sup>2</sup>
Spray Radius	60 - 70 feet
Discharge Volume	200 liters per minute

Usage : Perfect for broad area irrigation and dust control  
Availability : Full & Partial Circle Options Available

### HOODED ALUMINUM BODY WATER NOZZLE



Specification	Details
Thread Size	1/2" BSP (F) or 1" BSP (F), based on requirement
Material Composition	Body: Cast Iron or Aluminum Alloy Nozzle: Brass Filter: Stainless Steel 304
Pressure Range	2.8 - 3 kg/cm <sup>2</sup>
Flow Capacity	3 - 10 liters per minute
Main Application	Effective for controlling airborne dust

### WATER CURTAIN NOZZLE



### REVOLVING TYPE NOZZLE



### RRL HOSE



### STEEL BRANCH PIPE NOZZLE



### FIRE FOG NOZZLE



### TRIPLE PURPOSE NOZZLE



### FIRE FIGHTING NOZZLE



### INDUSTRIAL DIFFUSER NOZZLE



### QUENCHING NOZZLE



### Fire Hydrant Landing Valve, Size: 63mm



### WATER PURGING



### AIR PURGING NOZZLE



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These Models are under constant improvement by the Company, the Features,  
Colour and other technical details May change if the company sees it as an improvement.



## XL – ENYRON PREMIUM INDUSTRIAL SPRAY NOZZLES

ISO 9001:2015



- Introducing ENYRON Industrial Nozzles: Born from the necessity of powering our Mist Cannon in 2011, our journey has evolved into a comprehensive range of industrial solutions.
- What began as in-house manufacturing swiftly expanded to cater to diverse sectors including dust suppression, road maintenance, fire control, and industrial cooling.
- Today, ENYRON stands tall as a trusted provider of quality nozzles and rain gun.
- Our brand is synonymous with excellence, serving key industries such as steel, aluminium, power, mining, TMT, washery, cement, carbon and more.
- Crafted for optimal performance and durability, ENYRON nozzles are engineered to exceed expectations.
- Whether its tailor-made solutions based on live samples or expert consultation, our commitment to meeting your needs is unshakeable.
- Let our dedicated sales team guide you towards the perfect nozzle for your application, ensuring efficiency and longevity in every drop.
- Choose ENYRON for premium quality, reliability, and personalized service.

### WHIRL JET NOZZLES



Model No	Flow Capacity in LPM At Different Pressure Values				Spray Angle	
	1 BAR	4 BAR	6 BAR	1 BAR	6 BAR	
EC IN - 1.1	3.1	6.1	7.4	120°	100°	
EC IN - 1.2	3.7	7.2	8.6	130°	100°	
EC IN - 1.3	6.7	12.7	15.4	110°	100°	
EC IN - 1.4	11.3	22.9	27.9	110°	95°	
EC IN - 1.5	12.7	26.1	31.1	110°	95°	

Connection : 1/2" BSP & 3/8" BSP  
Material : Brass, SS 304 & SS 316

### FULL JET NARROW ANGLE WITH MOVABLE VANE



Model No	Flow Capacity in LPM At Different Pressure Values				Spray Angle	
	2 BAR	4 BAR	7 BAR	3 BAR	7 BAR	
EC IN - 2.1	9.7	13.5	18	15°	15°	
EC IN - 2.2	16	23	30	15°	15°	
EC IN - 2.3	9.7	13.5	18	30°	30°	

Connection : 1/2" NPP & 3/8" BSP  
Material : Brass, SS 304 & SS 316

### FINE SPRAY (SEMI-SOLID) NOZZLES



Model No	Flow Capacity in LPM At Different Pressure Values		Connection :
	7 BAR	Angle	
EC IN - 3.1	5.9	60° - 80°	1/4" BSP, 1/2" BSP, 3/8" BSP & 9/16" BSP
EC IN - 3.2	20		
EC IN - 3.3	39.9		
EC IN - 3.4	55.1		

Material : Brass, SS 304 & SS 316

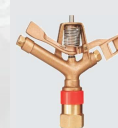
### SPIRAL NOZZLES



Model No	Flow Capacity in LPM At Different Pressure Values		
	Pressure	Flow	Angle
EC IN - 4.1	3 BAR	5 TO 50 LPM	50° - 120°

Connection : 1/4" BSP, 1/2" BSP & 1" BSP  
Material : Brass, SS 304 & SS 316

### SPRINKLERS



Model No	Flow Capacity in LPM At Different Pressure Values		
	Pressure	Flow	Angle
EC IN - 5.1	3 BAR	15 - 25 LPM	50° - 120°

Connection : 1/2" BSP, 1" BSP

Material : Brass Casting

### SPRINKLERS - Rain Gun



Model No	Flow Capacity in LPM At Different Pressure Values		
	Pressure	Flow	Distance
EC IN - 6.1	4-5 Bar	400-550 LPM	Up to 130 feet

Connection : 1", 1 1/2", 2", 2.5 BSP

Material : CI & Aluminium Casting

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### EXTERNAL MIX TYPE (RIGHT ANGLED ENTRY)



Model No	Flow Capacity In LPM At Different Pressure Values		
Material	Air pressure	Water pressure	Flow
BRASS & SS	4 - 5 Bar	0.5 Bar	0.2 - 0.5 LPM
Air Valume 130 - 150LPM		Affective Distance- 5 feet	
Distance 6 - 7 feet			

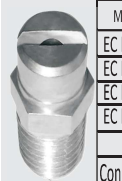
Connection : 1/8" UNF - Water , 9/16" UNF - Air Material : BRASS & SS

### FIRE FIGHTING NOZZLE



Model No	Flow Capacity In LPM At Different Pressure Values	
	Pressure	Angle 160°, 140°, 120°, 110°, 100°, 90°, 80° & 65°
EC IN - 9.1	12 Bar	
Connection : ½" BSPT		

### FLAT JET NOZZLES



Model No	Flow Capacity In LPM At Different Pressure Values						Spray angle
EC IN - 11.1	3 BAR	4 BAR	6 BAR	10 BAR	3 BAR	6 BAR	
EC IN - 11.2	9.9	9.2	11	14.2	110°	120°	
EC IN - 11.3	16.2	17.9	10.8	29.9	90°	100°	
EC IN - 11.4	49.9	44.8	54	71	90°	100°	
	150	181	222	302	80°	85°	
Connection : 1/8" NPT, 3/4" npt Material : SS 304, SS 316							

### WATER MONITOR



Model No	Flow Capacity In LPM At Different Pressure Values					Spray angle
EC IN - 13.1	800 LPM	1200 LPM	1800 LPM	2400 LPM	3200 LPM	
Water Jet (Meter)	48	60	65	70	76	
Foam Jet (Meter)	34	47	54	64	69	
Connection : 50, 63, 75 & 100 mm						

### PVC SPRINKLER 1/2"



Specification	Details
Material	PVC Polymer
Thread Type	1/2" BSP (Male)
Operating Pressure	3 kg/cm²
Spray Range	20 - 25 feet
Flow Capacity	15 liters per minute
Usage	Suitable for irrigation and plant watering
Availability	Offered in Full & Partial Circle

### GCT GUN



Model No	Flow Capacity In LPM At Different Pressure Values
	Application
EC IN - 8.1	Temperature controlled colling
Connection : 1/4" BSP, 9/16" UNF	
Material : SS 304, SS 316L	

### F-94 FOR CARBON PLANT



Model No	Flow Capacity In LPM At Different Pressure Values
	Pressure SPRAY ANGLES
EC IN - 10.1	7 kg 15°, 30°, 45°, 60°, 80°
Connection : 1/4" NPT	
Flow : 1.5, 2.5, 3.7, 5.0, 6.3 LPM	

### CLUSTER NOZZLES



Model No	Flow Capacity In LPM At Different Pressure Values		
EC IN - 12.1	4 BAR	5.5 BAR	7 BAR
	200	210	255
	235	275	310
	305	340	385
Connection : 1", 1 1/2", 2"			
Material : SS 304, SS 316			

### MIXING CORE MODIFIER FOR CARBON PLANT



### BRASS SPRINKLER 3/4"



Specification	Details
Material	Brass Alloy Casting
Thread Type	3/4" BSP (Male)
Operating Pressure	4 kg/cm²
Spray Range	30 - 35 feet
Flow Capacity	48 liters per minute
Usage	Suitable for dust control and watering
Availability	Offered in Full & Partial Circle

### CAST IRON OR ALUMINUM ALLOY CASTING SPRINKLER 2" & 2.5" BSP, FLANGED



Specification	Details
Construction Material	Cast Iron or Aluminum Alloy Casting
Thread Type	2" & 2.5" BSP, Flanged
Working Pressure	5 - 6 kg/cm²
Spray Radius	130 feet
Discharge Volume	450 - 500 liters per minute
Usage	Best for extensive area wetting (e.g., ash yard) and dust suppression
Availability	Full & Partial Circle Options Available

### ALUMINUM CAST SPRINKLER 1



Specification	Details
Construction Material	Aluminum Cast Body
Thread Connection	1" BSP (Female)
Operating Pressure	4.5 - 5 kg/cm²
Throw Distance	75 feet
Flow Capacity	160 liters per minute
Usage	Suitable for extensive ground coverage and effective dust control
Coverage Options	Offered in both Full Circle and Part Circle configurations

### BRASS FULL JET NOZZLE



Specification	Details
End Connection	3/8" BSP (F) / 1/2" BSP (M/F)
Material	Brass/SS
Working Pressure	2.8 kg/cm²
Application	For Billet Cooling in Continuous Casting

### ALUMINUM CAST SPRINKLER 3/4"



Specification	Details
Material	Aluminum Cast Construction
Thread Connection	3/4" BSP (Female)
Operating Pressure	4 kg/cm²
Spray Radius	30 - 35 feet
Flow Rate	48 liters per minute

Intended Use : Designed for effective watering and dust control, specifically for high-dust environments

#### Key Features

1. Durable cast body reduces risk of theft
2. Enclosed spring, bush, and washer prevent exposure to dust and water, ensuring longevity
3. Produces fine mist-like droplets for even water distribution and rain-like effect

### ALUMINUM CAST SPRINKLER 1½"



Specification	Details
Construction Material	Aluminum Cast Body
Thread Connection	1½" BSP (Female)
Operating Pressure	4.5 - 5 kg/cm²
Throw Distance	90 feet
Flow Capacity	300 liters per minute

Usage : Suitable for extensive ground coverage and effective dust control  
Coverage Options : Offered in both Full Circle and Part Circle configurations

### INTERNAL MIX TYPE



Specification	Details
Type	Internal Mix Type
End Connection	Water: 3/8" BSP (F), Air: 1/4" BSP (F)
Material	Brass
Water Pressure	1 - 3 Kg/cm²
Water Volume	0.5 - 2 LPM
Air Pressure	4 - 5 kg/cm²
Air Volume	300 - 330 LPM
Effective Coverage	15' - 20'
Effective Fog Diameter	4' - 5'
Effective Fog Length	5' - 6'

Application : Atomized water droplets, driven by air, suppress dust particles and cause them to settle. Requires clean air and water.

**EN·Y·RON**  
By **excel combine** <sup>TM</sup>