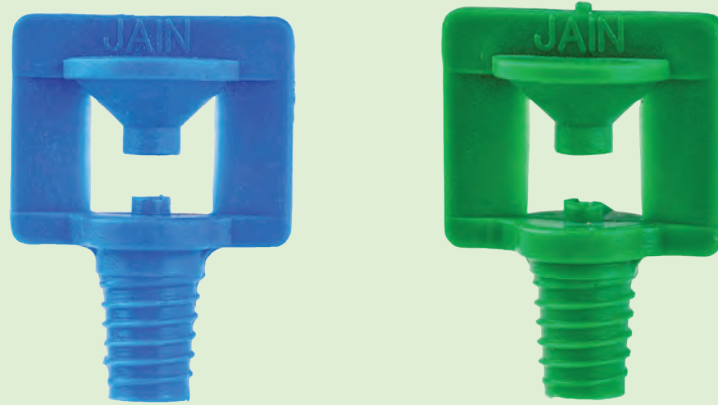


# J-Jets



## Features & Benefits



### Innovative Fan Type Spray

Fan type spray jet giving fine droplets and uniform distribution



### Compact Design

Compact design manufactured from high quality polymers to achieve wear resistance and longer trouble free performance



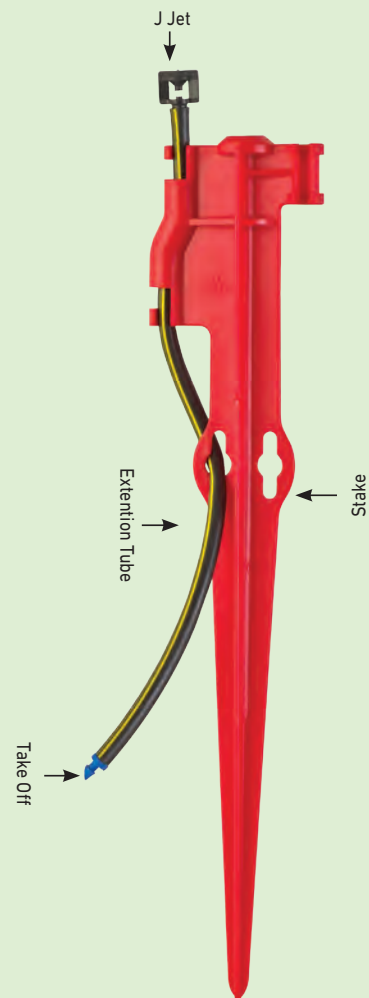
### Color Coded Nozzle

Four color coded nozzle for easy identification of flow rates



### Quick Thread Technology

Fast and easy installation with quick threads technology



# J-Jets

## Additional Features

- Available in full and half circle spray pattern.
- Uniform coverage, gentle precipitation.
- Easy to install with different mounting options like,
  - a) Clip Stake for J-Jets / Foggers / Misters (Code: CSJ) with rigid risers.
  - b) Stake for Modular / J-Jets / Foggers / Misters (Code : SJF4 / SJF8).
  - c) Square stake for J-Jets / Foggers / Misters (Code: SSJ)
- Jet stake assembly including J-Jet, stake, 6mm OD extension tubing or vinyl tubing (0.5 or 1.0 m) and 4mm take-off available on demand.

## Applications

- Useful for irrigation of orchards, nurseries, vineyards, green houses.
- Suitable for irrigation of delicate plants such as flowers, vanilla, etc.
- Suitable for irrigation of mature large trunk-trees or trees having wide spread root zone.
- Useful to maintain adequate micro environment in the canopy area.

## Specifications

- Flow rates: 13 to 52 lph
- Recommended working pressure: 0.5 to 2.0 kg/cm<sup>2</sup>
- Wetted radius: 0.58 to 0.95 m
- Required filtration: 100 micron

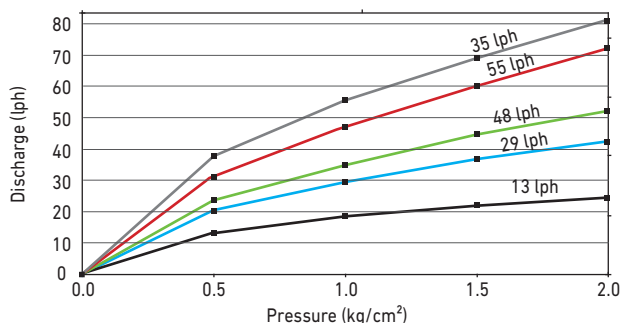
## Performance Chart

Spray Pattern / Nozzle (mm)	Emitter Exponent (x)	Flow Co-eff. (k)	P		Q		R	
			kg/cm <sup>2</sup>	psi	lph	gph	m	ft
0.67 ● Black	0.44	18.00	0.5	7.11	13	3.5	0.58	1.9
			1.0	14.22	18	4.8	0.70	2.3
			1.5	21.33	21	5.7	0.73	2.4
			2.0	28.44	24	6.4	0.73	2.4
0.87 ● Blue	0.52	29.35	0.5	7.11	20	5.4	0.67	2.2
			1.0	14.22	29	7.8	0.73	2.4
			1.5	21.33	36	9.6	0.76	2.5
			2.0	28.44	42	11.2	0.76	2.5
1.10 ● Green	0.59	47.81	0.5	7.11	32	8.4	0.85	2.8
			1.0	14.22	48	12.6	0.88	2.9
			1.5	21.33	61	16.1	0.91	3.0
			2.0	28.44	72	19.0	0.95	3.1
1.20 ● Red	0.55	55.00	0.5	7.11	38	9.9	0.95	3.1
			1.0	14.22	55	14.6	1.01	3.3
			1.5	21.33	69	18.2	1.01	3.3
			2.0	28.44	80	21.3	1.04	3.4
1.00 ● Black	0.58	34.76	0.5	7.11	23	6.2	0.88	2.9
			1.0	14.22	35	9.2	0.91	3.0
			1.5	21.33	44	11.6	0.95	3.1
			2.0	28.44	52	13.8	0.95	3.1

P= Pressure; Q= Discharge; R = Radius

Tested under laboratory conditions

## Performance Graph



## Ordering Specifications

J	XX	XX
	Spray Pattern	Discharge (lph)
J	FC - Full Circle	20
		30
		45
		55
	HC - Half Circle	35

Example: JFC45 - This code represents J-Jets having full circle spray pattern with discharge 45 lph.

