

Turbo-Jet

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Ray Jet for orchard, vineyard and landscape irrigation

- Static, low maintenance emitter
- High clogging resistance
- Diverse distribution patterns and wetted diameters
- Easy to open and clean



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Features

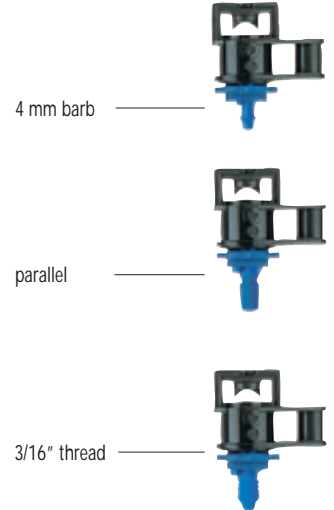
- Unique nozzle structure forms turbulent flow and wide water pathways even at low flow rates, for high clogging resistance.
- Large number of nozzle and spreader combinations provides wide selection of flow rates and distribution patterns.
- Flow rates: 16 - 110 l/h
- Operating pressures: 1.0 - 3.5 bar.

Filtration requirements

Black, orange and blue nozzles: 130 microns (120 mesh)

Violet, green and red nozzles: 200 microns (80 mesh)

Connectors



Flow rates by nozzle (l/h)

Pressure bar	Nozzle colour/diameter (mm)					
	Black 0.80	Orange 1.00	Blue 1.15	Violet 1.30	Green 1.40	Red 1.65
1.0	16	23	31	40	48	62
1.4	19	28	37	47	57	76
2.0	23	33	43	56	69	88
2.5	25	36	47	63	75	98
3.0	27	38	50	69	80	105
3.5	29	41	53	74	85	111

Distribution patterns and diameters (m)

Tested at 1.4 & 2.0 bar, 0.25 m height

Nozzle colour	Static Spreaders															
	Strip		300°		12 jets		16 jets		20 jets		180° (radius)		Inverted		Flat (no jets)	
	1.4 bar	2.0 bar	1.4 bar	2.0 bar	1.4 bar	2.0 bar	1.4 bar	2.0 bar	1.4 bar	2.0 bar	1.4 bar	2.0 bar	1.4 bar	2.0 bar	1.4 bar	2.0 bar
Black	2.7	3.0	3.2	3.8	3.4	4.1	3.1	4.2	3.4	3.2	1.5	2.2	2.8	3.0	2.2	2.2
Orange	3.0	3.7	4.0	4.4	4.3	4.7	4.0	5.6	3.6	4.0	1.8	2.3	3.2	3.8	2.3	2.4
Blue	3.7	4.2	4.8	5.6	4.6	4.9	4.2	6.0	3.8	4.4	2.2	2.4	3.8	4.8	2.4	2.6
Violet	4.2	5.4	5.0	5.8	4.8	5.2	4.3	6.0	4.0	5.0	2.2	2.5	4.6	5.2	2.6	3.0
Green	4.2	5.4	5.4	6.0	5.2	5.9	4.5	6.2	4.2	5.4	2.3	2.7	4.9	5.4	2.8	3.2
Red	4.8	6.1	6.6	7.6	5.6	6.6	5.4	7.2	5.0	6.2	2.4	2.8	5.2	5.8	3.0	3.4

* Tested at 0.6 m height