

TURBO-JET

CONNECTORS



4/7 barb



parallel



quick thread

Low-maintenance micro-jet

APPLICATIONS

- For orchard, vineyard and landscape irrigation



STRUCTURE AND FEATURES

- Low maintenance emitter
- High resistance to clogging
- Diverse distribution patterns and wetted diameters
- Easy to open and clean
- Unique nozzle structure creates turbulent flow and wide water pathways
- Large number of nozzle and spreader combinations

TECHNICAL DATA

- Recommended working pressure: 1.0-3.5 bar
- Flow rate: 16-110 l/h
- Filtration requirements:
black, orange and blue nozzles -130 microns (120 mesh)
violet, green and red nozzles -200 microns (80 mesh)

Wrench for Turbo-Jet
Item # 820015



FLOW RATES BY NOZZLE (l/h)

Pressure (bar)	Nozzle color/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 color	Static Spreaders																	
	Strip		300°		12 jets		16 jets		20 jets		180° (radius)		Inverted*		Flat (no jets)		Strip 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	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	2.3	2.4
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	2.4	2.5
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 under laboratory conditions
* tested at 0.6m above ground