



SUPER TYPHOON™

INTEGRAL DRIPPER

16125 - 16150

APPLICATIONS

- On surface multi seasonal row crop irrigation

SPECIFICATIONS

- Recommended filtration: 130 micron / 120 mesh
- TurboNet™ labyrinth with large water passage
- A wide assortment of dripperline wall thickness models (0.20, 0.25, 0.31, 0.38, 0.50 and 0.63mm)
- Resistant to standard nutrients used in agriculture
- Super Typhoon™ drippers meet ISO 9261 Standards with production certified by the Israel Standards Institute (SII)

FEATURES AND BENEFITS

- Large filter area to ensure optimal performance.
- TurboNet™ labyrinth assures wide water passages, large deep and wide cross section improves clogging resistance. Widest water passages within the dripper.
- The water is drawn in to the dripper from the stream centre, reducing the entrance of sediments in to the drippers.
- Injection molded dripper construction, ensuring uniform drippers and very low CV.

DRIPPERS TECHNICAL DATA

SUPER TYPHOON 16125 - 0.31MM WALL THICKNESS DRIPPERLINES

FLOW RATE* (L/H.)	WORKING PRESSURE RANGE (BAR)**	WATER PASSAGE DIMENSIONS WIDTH-DEPTH-LENGTH (MM.)	FILTRATION AREA (MM 2)	CONSTANT K	EXPONENT X	RECOMMENDED FILTRATION (MICRON)/(MESH)
0.80	2.5/1.8	0.64 x 0.39 x 23	29	0.284	0.45	130/120
1.10	2.5/1.8	0.64 x 0.50 x 23	29	0.373	0.45	130/120
1.60	2.5/1.8	0.79 x 0.60 x 23	34	0.546	0.48	130/120
2.70	2.5/1.8	0.89 x 0.85 x 23	34	0.894	0.48	130/120

*Flow rate at 1.0 bar pressure **According to dripperlines inside diameter

SUPER TYPHOON 16150 - 0.38MM WALL THICKNESS DRIPPERLINES

FLOW RATE* (L/H.)	WORKING PRESSURE RANGE (BAR)**	WATER PASSAGE DIMENSIONS WIDTH-DEPTH-LENGTH (MM.)	FILTRATION AREA (MM 2)	CONSTANT K	EXPONENT X	RECOMMENDED FILTRATION (MICRON)/(MESH)
0.80	3.0/2.2	0.64 x 0.39 x 23	29	0.284	0.45	130/120
1.05	3.0/2.2	0.64 x 0.50 x 23	29	0.373	0.45	130/120
1.65	3.0/2.2	0.79 x 0.60 x 23	34	0.546	0.48	130/120
2.70	3.0/2.2	0.89 x 0.85 x 23	34	0.894	0.48	130/120

*Flow rate at 1.0 bar pressure **According to dripperlines inside diameter

DRIPPERLINE TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)	OUTSIDE DIAMETER (MM)	MAX. WORKING PRESSURE (BAR)	MAX. FLUSHING PRESSURE (BAR)	KD	COIL LENGTH (M)
16125	16.2	0.31	16.82	1.8	2.1	0.10	1500
16150	16.0	0.38	16.76	2.2	2.5	0.10	1250

MAX. LATERAL LENGTH (METRE) AT DIFFERENT INLET PRESSURE

SUPER TYPHOON™ 16125 - I.D. 16.2MM - KD 0.1 - INLET PRESSURE 1.2 BAR

FLAT TERRAIN	FLOW RATE (L/H.)	DISTANCE BETWEEN DRIPPERS (METRE)						
		0.2	0.3	0.4	0.5	0.6	0.7	0.8
	0.80	131	174	212	247	278	308	337
	1.10	107	142	173	201	227	251	275
	1.60	80	106	129	151	170	188	206
	2.70	57	76	92	108	122	135	147

SUPER TYPHOON™ 16150 - I.D. 16.2MM - KD 0.1 - INLET PRESSURE 1.5 BAR

FLAT TERRAIN	FLOW RATE (L/H.)	DISTANCE BETWEEN DRIPPERS (METRE)						
		0.2	0.3	0.4	0.5	0.6	0.7	0.8
	0.80	133	176	215	250	283	314	342
	1.05	111	148	181	211	238	263	287
	1.65	79	105	128	149	169	187	204
	2.70	57	77	94	109	123	137	149