



## NOZZLE TECHNICAL DATA SHEET



### TWIN FAN LOW DRIFT

These nozzles have the same specification as the standard low drift but the total flow rate is split with 50% being sprayed 30° forward and 50% 30° backwards. Spraying 30° forward gives improved penetration, and 30° backwards gives an improved deposit on the top of the target. Attention must be paid to the filtration on the sprayer which needs to be based on 50% of the total flow rate.



#### FEATURES

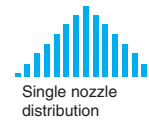
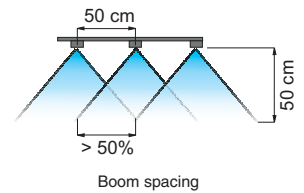
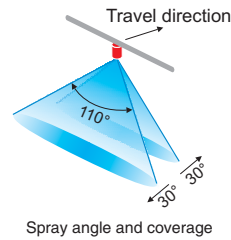
- Available in spray angle of 110°.
- Polyacetal construction for chemical stability and excellent wear characteristics.
- Twin fans provide good coverage, improved penetration and spray deposition.
- The Twin Fan Low Drift nozzle has the same flow rate as the Twin Fan Standard nozzle, but with larger droplets, in order to obtain lower drift.
- Do not require a double cap. They fit into existing caps.
- Colour coded (in accordance with ISO10625) for quick identification of flow rate.

#### APPLICATIONS

- Suitable for use on boom-sprayers for application of insecticides, herbicides and for fungicide applications for potato blight, onions and cereals etc.

#### SPRAY DRIFT

- Spray drift comprises small, wind borne droplets of pesticide carried away from the intended target area and into the environment. Research has shown that spray drift accounts for up to 20% of pesticides being released into the environment and these pesticides being released into the environment and these pesticides are contained in droplets less than 100µm in diameter.





#### SPRAY QUALITY CLASSIFICATION

Very Fine (VF)	Fine (F)	Medium (M)	Coarse (C)	Very Coarse (VC)
< 119µm	119µm ÷ 216µm	217µm ÷ 353µm	354µm ÷ 464µm	> 464µm

µm= millionth millimeter (Eg.: 250µm = 0.25 mm)

Code	2 bar	3 bar	4 bar	5 bar
TFLD11002	F	F	F	F
TFLD11003	F	F	F	F
TFLD11004	M	M	M	F
TFLD11005	M	M	M	M

## TWIN FAN LOW DRIFT

Code	 bar	 l/min	l/ha (nozzle spacing: 50 cm)							
			4 km/h	6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h
TFLD11002	2	0.65	195	130	98	78	65	56	49	43
	3	0.80	240	160	120	96	80	69	60	53
	4	0.92	276	184	138	110	92	79	69	61
	5	1.03	309	206	155	124	103	88	77	69
TFLD11003	2	0.98	294	196	147	118	98	84	74	65
	3	1.20	360	240	180	144	120	103	90	80
	4	1.39	417	278	209	167	139	119	104	93
TFLD11004	5	1.55	465	310	233	186	155	133	116	103
	2	1.31	393	262	197	157	131	112	98	87
	3	1.60	480	320	240	192	160	137	120	107
	4	1.85	555	370	278	222	185	159	139	123
	5	2.07	621	414	311	248	207	177	155	138
TFLD11005	2	1.63	489	326	244	196	163	140	122	109
	3	2.00	600	400	300	240	200	171	150	133
	4	2.31	693	462	346	277	231	198	173	154
	5	2.58	774	516	387	310	258	221	193	172

## ACCESSORIES



**QUICK FITTING CAP**  
402901

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**BLISTER PACK**  
10 pcs



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