



NOZZLE TECHNICAL DATA SHEET



WIDE RANGE

The Wide Range nozzle provides the benefits of a 110° full spray angle across a wide range of pressures from 1-4 bar. At these pressures it maintains a full spray angle and therefore gives full coverage, unlike its traditional counterparts which produce a reducing spray angle and therefore reduced coverage at lowering pressures. Using this wide range nozzle ensures excellent distribution across the entire spray boom.

The wide range nozzle produces a triangular spray distribution, similar to the Standard fan. This nozzle is ideally suited to machines using automatic rate controllers since the spray angle will always be maintained as the flow rate is adjusted up and down.



FEATURES

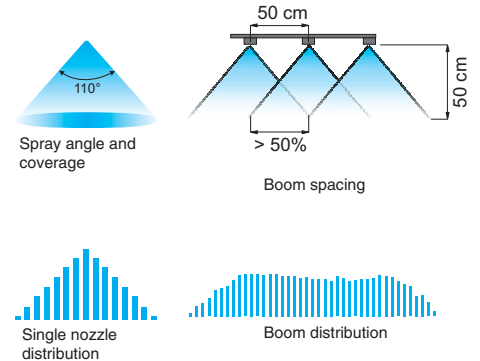
- Available in spray angle of 110°.
- Wide pressure range 1-4 bar (15-60psi)
- Full coverage maintained over a wide pressure range
- Ideal for use with machines using automatic application rate controllers
- Choice of droplet size depending on the pressure selected
- Moulded in polyacetal, a highly stable material with excellent wear characteristics
- Colour coded in accordance with ISO10625 for quick identification of flow rate

COVERAGE

- Being operated across a wide range of pressures will provide reduced drift at 1-1.5 bar, good overall coverage at 1.5 - 2 bar and enhanced deposition at pressures above.

APPLICATIONS

- The wide range nozzle is well suited to applying herbicides, insecticides, fungicides, growth regulator and liquid fertilisers.





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	1 bar	1.5 bar	2 bar	2.5 bar	3 bar	3.5 bar	4 bar
WR11001	F	F	F	VF	VF	VF	VF
WR110015	M	F	F	F	F	F	F
WR11002	M	M	F	F	F	F	F
WR11003	M	M	M	M	F	F	F
WR11004	M	M	M	M	M	F	F

WIDE RANGE

Code	 bar	 l/min	l/ha (nozzle spacing: 50 cm)						
			6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h
WR11001	1	0.23	46	35	28	23	20	17	15
	1.5	0.28	57	43	33	28	24	21	19
	2	0.33	66	50	40	33	28	25	22
	2.5	0.37	74	56	44	37	32	28	25
	3	0.40	80	60	48	40	34	30	27
	3.5	0.43	86	65	52	43	37	32	29
WR110015	1	0.35	70	53	42	35	30	26	23
	1.5	0.42	84	63	50	42	36	32	28
	2	0.49	98	74	59	49	42	37	33
	2.5	0.55	110	83	66	55	47	41	37
	3	0.60	120	90	72	60	51	45	40
	3.5	0.65	130	98	78	65	56	49	43
WR11002	1	0.46	92	69	55	46	39	35	31
	1.5	0.56	112	84	67	56	48	42	37
	2	0.65	130	98	78	65	56	49	43
	2.5	0.73	146	110	88	73	63	55	49
	3	0.80	160	120	96	80	69	60	53
	3.5	0.86	172	129	103	86	74	65	57
WR11003	1	0.69	138	104	83	69	59	52	46
	1.5	0.85	170	128	102	85	73	64	57
	2	0.98	196	147	118	98	84	74	65
	2.5	1.10	220	165	132	110	94	83	73
	3	1.20	240	180	144	120	103	90	80
	3.5	1.30	260	195	156	130	111	98	87
WR11004	1	1.03	206	154	124	103	88	77	69
	1.5	1.26	252	189	151	126	108	94	84
	2	1.31	262	197	157	131	112	98	87
	2.5	1.46	292	219	175	146	125	110	97
	3	1.60	320	240	192	160	137	120	107
	3.5	1.73	346	260	208	173	148	130	115
	4	1.85	370	278	222	185	159	139	123

ACCESSORIES



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