



Anti-drift flat spray nozzles AD 90

Drift reduction:
99/95/90/75/50 %



Current list under

www.lechler-agri.com/drift-reduction

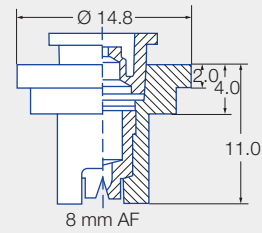
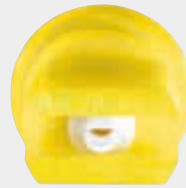
Low-drift flat spray nozzle.

Advantages

- 99/95/90/75/50 % drift reduction depending on nozzle size, pressure and country
- Fine droplets at higher pressure
- Pre-atomizer can be removed without tools for cleaning purposes
- Ideal for cramped installation conditions thanks to compact design (4 mm shorter than TR hollow cone nozzle)
- Particularly suitable for sensor control thanks to very fast jet build-up and reduction



G 1666
G 1667
G 1668
G 2041
G 2042



Crop production

Dimensions in mm.



Nozzle size
0067 – 04



Spray angle
90°



Material
Ceramic



Pressure range
2 – 8 – 15 – 20 bar



Recommended filters
60 M 0067 – 04



Droplet size
Coarse – very fine



Width across flats
8 mm

Application areas



Plant protection products and growth regulators



Plant protection in viticulture, orchard and speciality crops



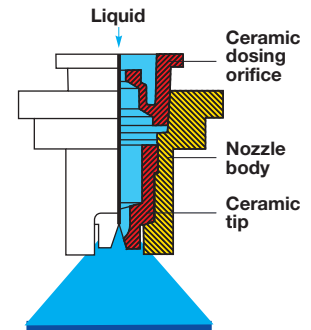
Sensor technique






Vertical linkage



Removable preatomizer



Spray table for anti-drift flat spray nozzles AD 90

		l/min																		
		2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	19.0	20.0	
																				
																				
AD 90-0067	60 M	0.22	0.27	0.31	0.35	0.38	0.41	0.44	0.47	0.49	0.52	0.54	0.56	0.58	0.60	0.62	0.64	0.68	0.70	
AD 90-01	60 M	0.32	0.39	0.45	0.51	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.82	0.85	0.88	0.91	0.93	0.99	1.01	
AD 90-015	60 M	0.48	0.59	0.68	0.76	0.83	0.90	0.96	1.02	1.07	1.13	1.18	1.22	1.27	1.31	1.36	1.40	1.48	1.52	
AD 90-02	60 M	0.65	0.80	0.92	1.03	1.13	1.22	1.30	1.38	1.45	1.53	1.60	1.67	1.73	1.79	1.85	1.90	2.01	2.07	
AD 90-03	60 M	0.97	1.19	1.37	1.53	1.68	1.81	1.94	2.06	2.17	2.28	2.38	2.48	2.57	2.66	2.75	2.83	2.99	3.07	
AD 90-04	60 M	1.29	1.58	1.82	2.04	2.23	2.41	2.58	2.74	2.88	3.03	3.16	3.29	3.41	3.53	3.65	3.76	3.98	4.08	

- The stated liter-per-hectare rates apply to water
- Prior to each spraying season, verify the table data by gauging the flow rates
- Spray pressure at the nozzle tip (gauged with a diaphragm valve)

Online nozzle calculator



Apple



Android

Example of ordering

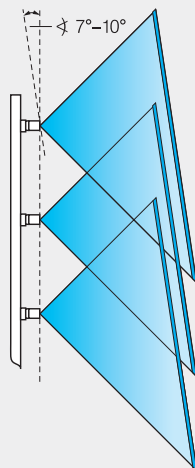
Type + spray angle + int'l nozzle size + material = ordering no.
 AD 90° 03 C (ceramic) = AD 90-03 C

Installation instructions

Adjust the nozzles to a spray-plane offset of 7° to 10°. Use a 8-mm fork wrench to make the adjustments.

For optimal assembly and fitting of nozzles use:

- with cup-strainer, gasket 3.0 mm (ordering no. 065.240.73.01)
- without cup-strainer, gasket 5.0 mm (ordering no. 095.015.6C.07.10)



More detailed information is available in Lechler brochure for viticulture, orchard and speciality crops as well as www.lechler-agri.com

