



# Air-injector flat spray nozzles ID 90

Drift reduction:  
99/95/75/50 %



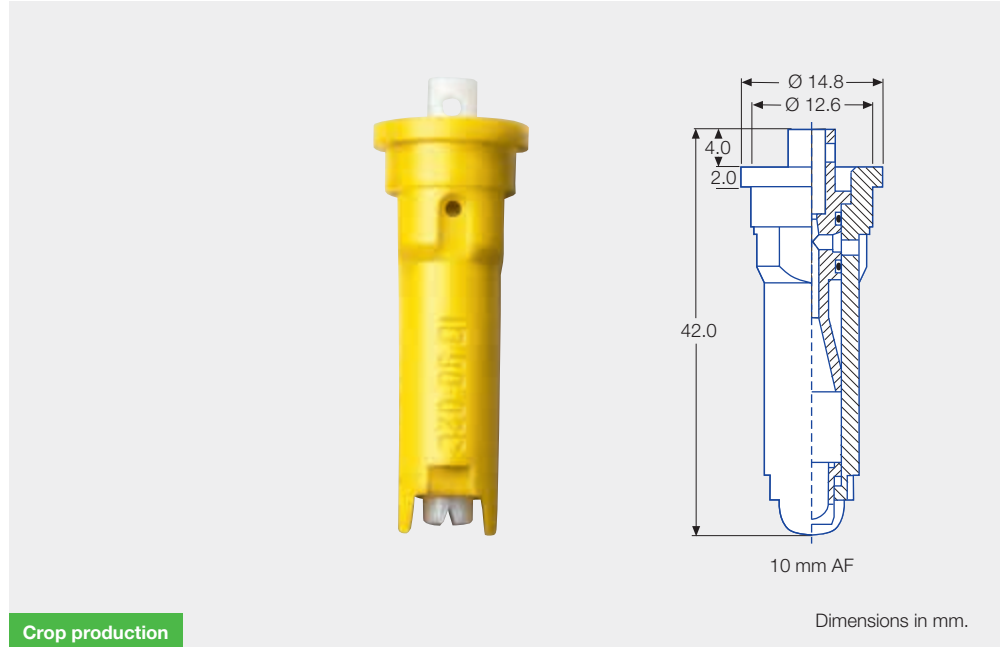
Current  
list under

[www.lechler-agri.com/  
drift-reduction](http://www.lechler-agri.com/drift-reduction)

Extremely low-drift, air-injector flat spray nozzle in entire pressure range.

### Advantages

- 99/95/90/75/50 % drift reduction depending on nozzle size, pressure and country
- Exceptionally low-drift also in the high-pressure range up to 20 bar
- Extremely wear resistant full ceramic injector
- Large clog-resistant flow cross-sections
- Significantly improved crop penetration



**Nozzle size**  
01 – 06



**Spray angle**  
90°



**Material**  
Ceramic



**Pressure range**  
3 – 8 – 15 – 20 bar



**Recommended filters**  
60 M 01 – 04  
25 M 05 – 06



**Droplet size**  
Ultra coarse – medium



**Width across flats**  
10 mm

### Application areas



Plant protection products and growth regulators



Plant protection in viticulture, orchard and speciality crops



Sensor technique



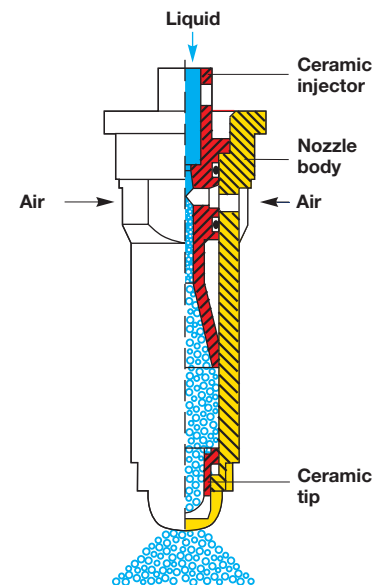
Vertical linkage



Spray frame



Toolless removable injector



# Spray table for air-injector flat spray nozzles ID 90

ID	Material	l/min																
		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
<b>ID 90-01</b>	60 M	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
<b>ID 90-015</b>	60 M	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
<b>ID 90-02</b>	60 M	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
<b>ID 90-025</b>	60 M	0.99	1.15	1.28	1.40	1.52	1.62	1.71	1.81	1.90	1.98	2.06	2.14	2.21	2.29	2.36	2.49	2.56
<b>ID 90-03</b>	60 M	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
<b>ID 90-04</b>	60 M	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
<b>ID 90-05</b>	25 M	1.97	2.28	2.55	2.79	3.01	3.22	3.42	3.60	3.77	3.94	4.10	4.26	4.41	4.55	4.69	4.96	5.09
<b>ID 90-06</b>	25 M	2.36	2.73	3.05	3.34	3.61	3.86	4.09	4.32	4.52	4.72	4.91	5.10	5.28	5.45	5.62	5.94	6.09

- 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

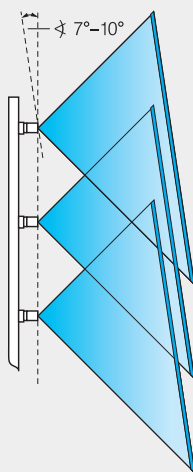
Type + spray angle + int'l nozzle size + material = ordering no.  
 ID 90° 02 C (ceramic) = ID 90-02 C

### Installation instructions

Adjust the nozzles to a spray-plane offset of 7° to 10°. Use a 10-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](http://www.lechler-agri.com)

