

 **GuardianAIR™ Twin**

Twin flat fan air-inclusion spray in integral FastCap™



- Produces the smallest air inclusion droplets* for more drops per litre and best spray coverage compared to other air-inclusion nozzles
- Two 110° flat fan sprays directed at 30° inclines, one forward and the other backward
- Twin inclined spray Improves spray coverage of taller crops, denser crop or weed canopies, small upright targets and soil clods compared to a single vertical spray
- LERAP 2★, 50-75% drift reduction at lower pressures
- New style integral FastCap™ twists smoothly onto ProFlo™ and standard EF3 nozzle holders
- Flow metered by a single pre-orifice, twin nozzle outlets are similar in size to standard flat fan
- Dust is sealed out by the locking ring to reduce contamination when removing the nozzle from the sprayer
- Compact design to reduce the risk of damage



Incorporates the spray technology of well-proven GuardianAIR™ nozzle.

Twin sprays inclined forward and backward provide an excellent balance between drift reduction and spray coverage.

Part no: GAT110-02PK10

Nozzle	Pressure	Flow	Litres/hectare @ Km/h						
	Bar	L/min	6	8	10	12	14	16	18
02	2	0.653	131	98	78	65	56	49	44
	3	0.800	160	120	96	80	69	60	53
	4	0.924	185	139	111	92	79	69	62
	5	1.033	207	155	124	103	89	77	69
	6	1.131	226	170	136	113	97	85	75

Part no: GAT110-05PK10

Nozzle	Pressure	Flow	Litres/hectare @ Km/h						
	Bar	L/min	6	8	10	12	14	16	18
05	2	1.633	327	245	196	163	140	122	109
	3	2.000	400	300	240	200	171	150	133
	4	2.309	462	346	277	231	198	173	154
	5	2.582	516	387	310	258	221	194	172
	6	2.828	566	424	339	283	242	212	189

Part no: GAT110-025PK10

Nozzle	Pressure	Flow	Litres/hectare @ Km/h						
	Bar	L/min	6	8	10	12	14	16	18
025	2	0.816	163	122	98	82	70	61	54
	3	1.000	200	150	120	100	86	75	67
	4	1.155	231	173	139	115	99	87	77
	5	1.291	258	194	155	129	111	97	86
	6	1.414	283	212	170	141	121	106	94

Part no: GAT110-06PK10

Nozzle	Pressure	Flow	Litres/hectare @ Km/h						
	Bar	L/min	6	8	10	12	14	16	18
06	2	1.960	392	294	235	196	168	147	131
	3	2.400	480	360	288	240	206	180	160
	4	2.771	554	416	333	277	238	208	185
	5	3.098	620	465	372	310	266	232	207
	6	3.394	679	509	407	339	291	255	226

Part no: GAT110-03PK10

Nozzle	Pressure	Flow	Litres/hectare @ Km/h						
	Bar	L/min	6	8	10	12	14	16	18
03	2	0.980	196	147	118	98	84	73	65
	3	1.200	240	180	144	120	103	90	80
	4	1.386	277	208	166	139	119	104	92
	5	1.549	310	232	186	155	133	116	103
	6	1.697	339	255	204	170	145	127	113

Part no: GAT110-08PK10

Nozzle	Pressure	Flow	Litres/hectare @ Km/h						
	Bar	L/min	6	8	10	12	14	16	18
08	2	2.613	523	392	314	261	224	196	174
	3	3.200	640	480	384	320	274	240	213
	4	3.695	739	554	443	370	317	277	246
	5	4.131	826	620	496	413	354	310	275
	6	4.525	905	679	543	453	388	339	302

Part no: GAT110-04PK10

Nozzle	Pressure	Flow	Litres/hectare @ Km/h						
	Bar	L/min	6	8	10	12	14	16	18
04	2	1.306	261	196	157	131	112	98	87
	3	1.600	320	240	192	160	137	120	107
	4	1.848	370	277	222	185	158	139	123
	5	2.066	413	310	248	207	177	155	138
	6	2.263	453	339	272	226	194	170	151

Drift reduction performance

Size	02	025	03	04	05	06	08
% drift reduction	50 - 75%	50 - 75%	50 - 75%	25 - 50%	50 - 75%	50 - 75%	50 - 75%
Bar	2.0 - 2.25	2.0 - 2.25	2.0 - 3.0	2.0 - 3.0	2.0 - 3.0	2.0 - 3.0	2.0 - 3.0

Application rates shown are based on tests at 3 bar and 50 cm nozzle spacing. Order in packs of 10 using the numbers shown.

50-75% drift reduction compared to blue 03 flat fan at 3 bar is the LERAP 2★ standard

Fitting and Cleaning Guidelines - New FastCap™

- To fit Fastcap™ to bayonet:** First ensure the sealing ring is in place, then align the bayonet lugs with the recesses in the FastCap™. Twist to lock.
- To dismantle the nozzle for cleaning:** Push the top of the cage insert towards one of the recesses as shown and slide all of the inserts out of the bayonet cap as one unit. Parts will separate as shown and can be soaked.
- To reassemble:** First push together the 2 piece insert, cage insert and two 'O' seals, ensuring that the flats on the two insert flanges are aligned with each other. Then place the insert assembly back into the bayonet cap, ensuring that the flats on the 2 piece insert are aligned with the flats in the recess of the nozzle body. Once it is sitting in the recess, gently push down on the cage insert using light pressure until you hear it click.

