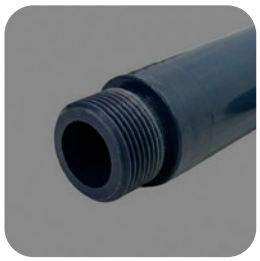
VENTURI INJECT LZS-100

LZS-100 Venturi Injector has no moving parts, which allows liquid fertilizers to be sucked directly into the irrigation flow using the pressure difference. Made of PVC, it does not require external power and is installed in bypass with the main pipe, ensuring uniform dosage of the product.







MATERIAL CHARACTERISTICS

Body: Weather-resistant PVC chemicals and pressure

OPERATING CHARACTERISTICS

Connection threads: 3/4" para input/output; 1/2" or 3/4" for injection depending on model

Injection capacity: 600, 1200 or 2000 L/h

Operates solely on system water pressure.

High precision in fertilizer injection.

MODELS

CODE	MODEL	LITERS/H	CONNECTION	MATERIAL	RRP (€)
13071012	PVC15	310 - 700	1/2"	PVC	**33**

ACCESSORIES



PQ REGULATION VALVES		
CODE	MODEL	RRP (€)
12052005	1/2" (DN15)	**20**
13076014	25 (DN20)	**35**

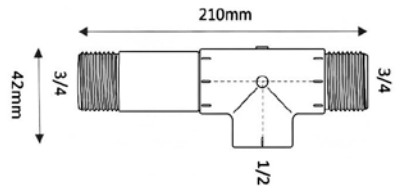


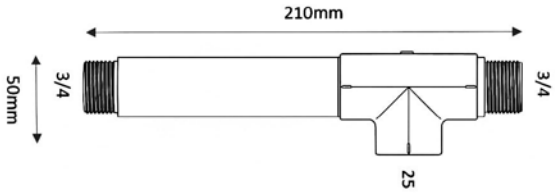
PQ SOLENOID VALVE IFLOWCONTROL		
CODE	MODEL	RRP (€)
13076070	5MM 24/AC	**150**
13076071	8MM 24/AC	**162**
13076072	10MM 24/AC	**162**



ROTAMETERS
SEE PAGE

DIMENSIONS





PERFORMANCE

VENTURI 1/2"			
Inlet Pressure (Bar)	Outlet Pressure (Bar)	Suction Flow Rate (L/h)	Drive Flow (L/h)
0,5	0	412	323
	0,1	224	320
1	0	507	410
	0,1	393	410
	0,2	280	410
	0,3	164	408
1,5	0	705	437
	0,3	325	435
	0,5	110	430
2	0	792	470
	0,3	484	465
	0,5	286	460
	0,6	168	460
2,5	0	799	515
	0,3	582	510
	0,8	142	508
3	0	800	540
	0,3	705	536
	0,5	526	530
	0,9	207	530
3,5	0	797	570
	0,5	660	565
	0,7	533	565
	1	250	560
	1,1	169	560
4	0	797	593
	0,5	756	585
	0,8	530	583
	1	370	580
	1,3	144	580
4,5	0	794	622
	0,5	788	620
	1	478	618
	1,04	180	610
5	0	798	622
	0,5	700	620
	1	510	618

VENTURI 3/4"			
Inlet Pressure (Bar)	Outlet Pressure (Bar)	Suction Flow Rate (L/h)	Drive Flow (L/h)
0,5	0	740	859
	0,1	610	856
	0,3	120	847
1	0	1100	1094
	0,1	961	1090
	0,5	100	1080
1,5	0	1268	1181
	0,1	1187	1182
	0,3	897	1181
	0,5	547	1177
	0,7	198	1177
2	0	1350	1310
	0,2	1272	1310
	0,4	1011	1308
	0,5	865	1308
	0,8	349	1308
	0,9	179	1308
2,5	0	1350	1394
	0,3	1230	1392
	0,5	1072	1392
	0,8	622	1392
	1,1	304	1390
	1,1	120	1390
3	0	1350	1482
	0,4	1350	1481
	0,5	1250	1481
	0,7	1046	1481
	1	564	1480
	1,2	233	1480
3,5	0	1350	1567
	0,5	1350	1567
	0,8	1120	1567
	1	831	1565
	1,4	140	1565
4	0	1350	1648
	0,5	1350	1646
	1	1015	1644
	1,5	268	1642
	1,6	120	1642