



Features & Benefits

- Available in 3/4", 1", 1 1/2", 2".
- Built-in check valve for protecting the injected liquid against back flow.
- With Rotameter, one can measure and read accurate suction of the fertilizer injection rate.
- Rotameters are available for all sizes.
- Injectors are available with or without Rotameters and the suction kit.
- Controlled, adjustable suction of fertilizers.
- Delivers plant nutrients directly into the wetted zone (where root development is intensive).
- Can be used with a large variety of chemicals.
- Uniform application of fertilizers.
- Saves energy and manpower.

Materials

Injector:

Body

Glass Filled
Polypropylene

Rotameter:

Body

Float

Body O-Ring

Suction Strainer

Polypropylene
Stainless Steel
NBR
Polypropylene

Rotameter

Realtime Visibility & Control of Fertigation



Performance Data Venturi Injector											
Pressure		¾" Venturi Injector		1" Venturi Injector		1-½" Venturi Injector		2" Venturi Injector Low Flow		2" Venturi Injector High Flow	
P. in	P. out	Q inj	Q asp	Q inj	Q asp	Q inj	Q asp	Q inj	Q asp	Q inj	Q asp
Inlet Pressure	Outlet Pressure	Motive Flow	Water Suction	Motive Flow	Water Suction	Motive Flow	Water Suction	Motive Flow	Water Suction	Motive Flow	Water Suction
Kg/cm²	Kg/cm²	L/H	L/H	L/H	L/H	L/H	L/H	L/H	L/H	L/H	L/H
2	1		170		219		720		827		1500
	1.25	1300	120	4290	162	6590	515	8550	700	18900	1020
	1.5		40		29		215		552		600
2.5	1		200		292		805		840		1580
	1.5	1450	150	4645	152	7425	595	9480	816	20100	1080
	1.75		80		78		370		509		720
3	1.5		200		256		795		819		1620
	2	1600	150	5065	116	8160	500	10320	674	22500	840
	2.25		60		48		280		416		520
3.5	2		190		216		760		854		1580
	2.5	1700	100	5370	81	8810	350	11090	594	24300	860
	2.75		40		16		180		320		450
4	2		200		290		800		839		1500
	2.5	1800	160	5720	179		670	11870	839	25800	1020
	2.75		120		118	9420	490		706		840
	3		50		56		260		517		580

*The test carried out by using water as suction liquid.