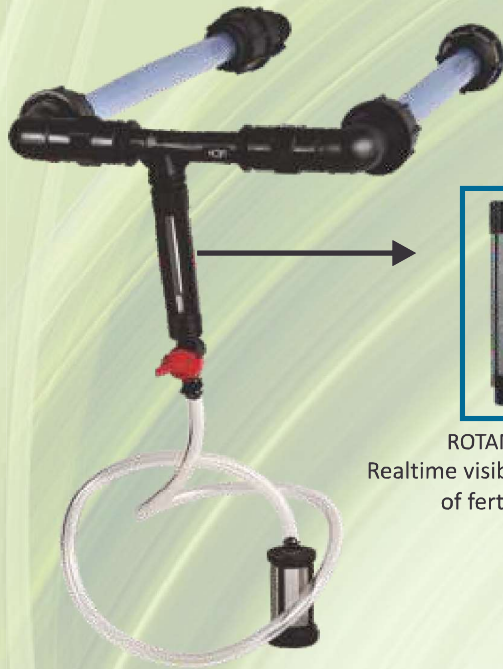


Venturi Injector

¾", 1", 1½" & 2"



ROTAMETER
Realtime visibility & control of fertigation

20%-30% Energy Loss For Suction As Compared To 50%-60% Energy Loss Of Other Brands.

Features

- Available in
HT 112RS – ¾" – BSPT
HT 113RS – 1" – BSPT
HT 114RS – 1½" – BSPT/NPT
HT 115RS – 2" – BSPT/NPT
- In built check valve for protecting the injected liquid against back flow.
- With Rotameter, one can measure/read accurate suction of fertilizer injection rate.
- Rotameter is available in all sizes.
- All Venturies are also available with full assembly.

Benefits

- 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 & Manpower.

Injector Selection Guide

Model No.	Size In/Out	Efficiency (P) required to Initiate suction	Motive flow (Lit/Hr) through injector @ 2.50kg/cm ²	Injection Capacity Lit/Hr
112	¾"	30%	1525	40
113	1"	25%	4645	78
114	1½"	25%	7860	320
115LF	2"	25%	11080	330
115HF	2"	20%	20100	450

Performance Data

Pressure		¾" Venturi Injector		1" Venturi Injector		1½" Venturi Injector		2" Venturi Injector Low Flow	
P. in	P. out	Q inj	Q asp	Q inj	Q asp	Q inj	Q asp	Q inj	Q asp
Inlet Pressure kg/cm ²	Outlet Pressure kg/cm ²	Motive Flow L/H	Water Suction L/H	Motive Flow L/H	Water Suction L/H	Motive Flow L/H	Water Suction L/H	Motive Flow L/H	Water Suction L/H
2	1	1310	165	4295	290	7050	700	10250	710
	1.25		115		157.5		440		630
	1.5		53.5		30		130		275
2.5	1	1505	185	4647.5	352.5	7860	750	11080	700
	1.5		155		220		610		675
	1.75		95		80		370		475
3	1.5	1625	185	5070	335	8200	750	12025	700
	2		130		160		450		625
	2.25		62.5		22		250		425
3.5	2	1740	180	5380	310	9070	720	12945	700
	2.5		105		85.5		400		550
	2.75		40		0		130		222.5
4	2	1870	200	5727.5	365	9750	750	13960	700
	2.5		175		250		700		690
	2.75		125		135		500		625
	3		77.5		27.5		320		430

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



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Creating a Green World