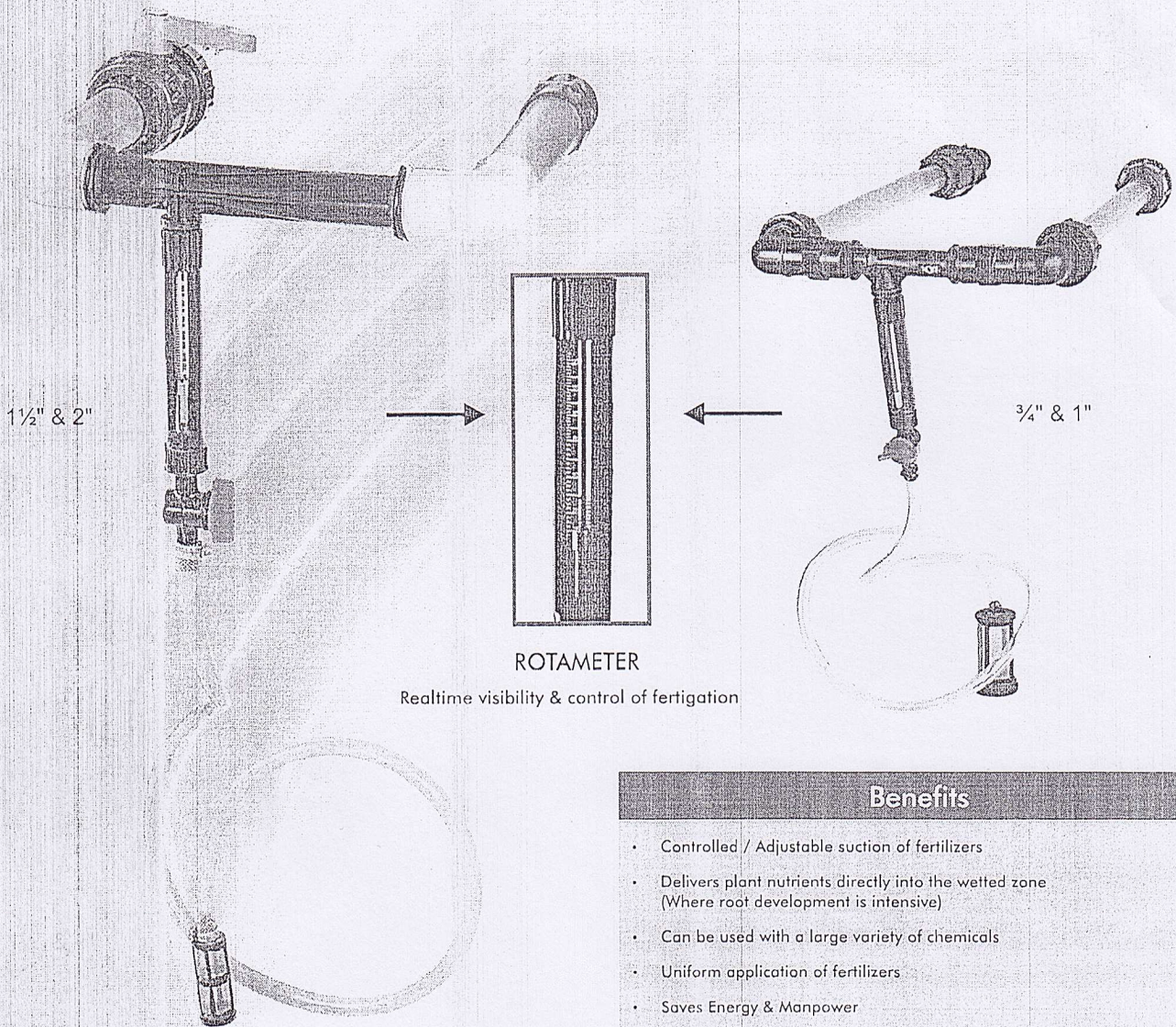


Venturi Injector



ROTAMETER

Realtime visibility & control of fertigation

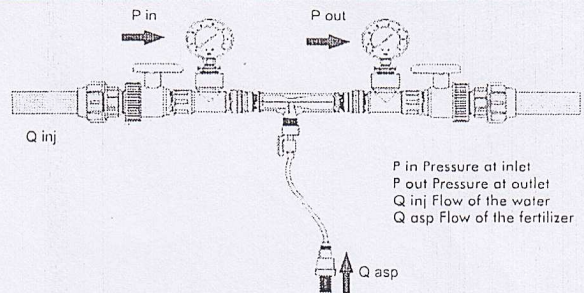
Benefits

- 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

Features

- Available in:
 - 3/4" BSP / NPT : AQ-112RS
 - 1" BSP / NPT : AQ-113RS
 - 1 1/2" BSP / NPT : AQ-114RS
 - 2" BSP / NPT : AQ-115RS
- 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 Venturi are also available with full assembly

Typical Installation



E-mail: contactus@automatworld.com
 Website: www.automatworld.com

Creating a Green World

Venturi Injector

Performance Data Venturi Injector

Pressure		¾" Venturi Injector		1" Venturi Injector		1-½" 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
0.5	0	576	150	2880	449	3780	680	3850	960
0.75	0	684	156	3300	460	4920	850	5040	980
1	0	828	162	3540	460	5700	1020	5820	1020
	0.25		144		460		680		1020
	0.5		78		315		680		910
1.5	0	1056	160	4020	460	6660	1020	6750	1100
	0.5		138		460		1020		1100
	0.75		72		408		800		960
	1		42		355		408		660
2	0	1212	157	4500	450	7440	1020	7540	1100
	0.5		151		450		1020		1060
	0.75		145		450		1020		1020
	1		112		450		970		970
	1.25		52		340		630		700
	1.5		24		64		-		400
2.5	0	1350	160	4920	450	8160	1020	8280	1100
	0.5		157		450		1020		1100
	0.75		156		450		970		1020
	1		15		408		970		1020
	1.25		132		408		970		980
	1.5		88		408		740		720
	1.75		45		280		315		520
	2		-		135		-		200
3	0	1482	159	5280	440	8880	1020	8990	1060
	1		156		440		1020		1060
	1.25		154		395		970		1060
	1.5		144		395		970		1060
	1.75		99		395		950		920
	2		55		395		510		620
	2.25		-		204		160		200
	2.5		-		110		-		-
3.5	0	1548	157	5700	440	9540	1020	9700	1060
	1		156		440		1020		1060
	1.5		154		440		970		960
	1.75		152		440		970		960
	2		114		440		970		780
	2.25		79		360		710		620
	2.5		45		360		310		320
	2.75		-		235		105		-
4	0	1644	157	6000	440	10080	1020	10220	1060
	1		156		440		1020		1060
	2		153		440		1020		1060
	2.25		140		440		970		980
	2.5		91		440		850		820
	2.75		55		425		550		540
	3		-		315		210		220
	3.25		-		155		-		-
4.5	0	1750	158	6360	425	10680	1020	10850	1060
	1		157		425		1020		1060
	2		157		425		1020		1060
	2.5		154		425		1020		1060
	2.75		114		425		970		980
	3		84		425		680		620
	3.25		72		420		340		350
	3.5		44		290		-		210
	3.75		12		145		-		-
5	0	1840	157	6600	425	11160	1020	11310	1060
	1		156		425		1020		1060
	2		156		425		1020		1060
	3		150		425		970		980
	3.25		120		425		760		420
	3.5		90		425		490		480
	3.75		66		330		190		180
	4		31		235		-		-
	4.25		-		110		-		-
5.5	0	1935	157	6900	425	11700	1020	11850	1060
	1		156		425		1020		1060
	2		156		425		1020		1060
	3		156		425		1020		1060
	3.25		150		425		970		980
	3.5		132		425		970		950
	3.75		102		420		650		650
	4		72		420		340		320
	4.25		46		320		-		-
	4.5		12		170		-		-
	4.75		-		90		-		-

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

For ¾" & 1" Venturi Injector

For 1 ½" & 2" Venturi Injector