



VENTURI INJECTOR

DESCRIPTION

Injectors RNV PLUS are available in size 3/4", 1" and 1 1/2" and are studied to mix any kind of liquids or air into the main pipes. Their application is not used for irrigation only, but also for chemical industrial use.

Rain company utilizes its advanced technology in production to provide optimum performance with maximum energy efficiency, it is in fact minimum the pressure differential required for injector RNV PLUS working.

Injector RNV PLUS is equipped by a non-return valve composed by chemical resistant accessories (sphere in Teflon- gasket in Tecnofluon).

TECHNICAL FEATURES

- Delivers plant nutrients directly into the wetted zone
- In-built check valve for protecting the injected liquid against back flow
- Can be used with a large variety of chemicals
- Uniform application of fertilizers
- Saves Energy & Manpower

ROTAMETER SPECIFICATIONS

- Rotameter: Float-Type
- Rotameter Flow Rate Marking: 50-200 LPH
- Least Count: 10 LPH

Code	Models
140.100034	RNHV VENTURI 3/4"
140.1000100	RNHV VENTURI 1"
140.1000112	RNHV VENTURI 1 1/2"
140.1000200	RNHV VENTURI 2"
140.2000000	RNHV kit
140.2000100	ASPIRATION KIT - venturi 3/4" & 1"
140.2000112	ASPIRATION KIT - venturi 1 1/2"
140.2000200	ASPIRATION KIT - venturi 2"
140.3000100	REGULATION KIT - venturi 3/4" e 1"
140.3000112	REGULATION KIT - venturi 1 1/2"
140.3000200	REGULATION KIT - venturi 2"

MOD. 1 1/2"

Inlet pressure Bar	Outlet pressure bar	Suction l/h	Motive flow l/min
1	0	600	60
1	0.4	360	58
1	0.6	240	58
1	0.8	40	50
1.4	0	580	74
1.4	0.2	514	72
1.4	0.4	485	70
1.4	0.6	410	70
1.4	0.8	290	68
1.4	1	140	66
1.7	0	620	75
1.7	0.2	610	75
1.7	0.55	570	75
1.7	0.7	480	72
1.7	1	335	70
2.1	0	600	85
2.1	0.35	600	85
2.1	0.7	540	85
2.1	1	440	84
2.5	0	620	95
2.5	0.35	580	95
2.5	0.7	575	95
2.5	1.2	500	90
3	0	630	115
3	0.35	630	115
3	0.7	625	115
3	1.2	600	110
3	1.5	540	110
4	0	620	130
4	0.5	610	130
4	1	600	130
4	0	600	130
4	1.5	560	125
4	2.5	430	120
4	3	250	120
5	0	610	150
5	0.5	610	150
5	1	620	145
5	1.5	620	145
5	2	600	140
5	2.5	580	140
5	3	470	140
5	3.5	280	130

MOD. 2"

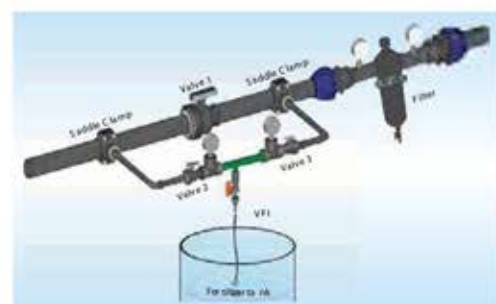
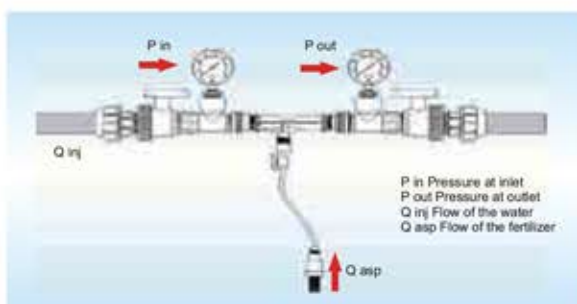
Inlet pressure Bar	Outlet pressure bar	Suction l/h	Motive flow l/min
0.8	0	3800	960
0.75	0	5040	980
1	0	5800	1020
1	0.25	5620	1020
1	0.5	5620	910
1.5	0	6750	1100
1.5	0.5	6750	1100
1.5	0.75	6750	960
1.5	1	6750	660
2	0	7540	1100
2	0.5	7540	1040
2	0.75	7540	1020
2	1	7540	970
2	1.25	7540	700
2	1.5	7540	400
2.5	0	8280	1100
2.5	0.5	8280	1100
2.5	0.75	8280	1020
2.5	1	970	1020
2.5	1.25	8280	980
2.5	1.5	8280	720
2.5	1.75	8280	520
2.5	2	8280	200
3	0	8990	1040
3	1	8990	1040
3	1.25	8990	1040
3	1.5	8990	1040
3	1.75	8990	920
3	2	8990	620
3	2.25	8990	300
3	2.5	8990	-
4	0	10220	1040
4	1	10220	1040
4	2	10220	1040
4	2.25	10220	980
4	2.5	10220	820
4	2.75	10220	540
5	0	11310	1040
5	1	11310	1040
5	2	11310	1040
5	3	11310	980
5	3.25	11310	420

MOD. 3/4"

Inlet pressure Bar	Outlet pressure bar	Suction l/h	Motive flow l/min
0.7	0.4	30	10
0.7	0.5	0	8
1	0	70	13
1	0.4	98	12.5
1	0.6	55	12
1	0.8	30	11.8
1.4	0	70	15
1.4	0.2	70	15
1.4	0.4	70	15
1.4	0.6	66	14.8
1.4	0.8	55	14.1
1.4	1	38	13.6
1.7	0	70	16.3
1.7	0.2	70	16.3
1.7	0.35	68	16.3
1.7	0.7	68	16.3
1.7	1	60	16
2.1	0	68	18.3
2.1	0.35	66	18.3
2.1	0	80	9

MOD. 1"

Inlet pressure Bar	Outlet pressure bar	Suction l/h	Motive flow l/min
0.7	0.4	150	30
0.7	0.5	105	30
1	0	220	33
1	0.4	198	32
1	0.6	135	30
1	0.8	0	28
1.4	0	200	40
1.4	0.2	200	40
1.4	0.4	200	40
1.4	0.6	190	38
1.4	0.8	138	35
1.4	1	100	35
1.7	0	200	42
1.7	0.2	197	42
1.7	0.35	197	42
1.7	0.7	195	42
1.7	1	180	41
2.1	0	195	47
2.1	0.35	195	47
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TAP TIMER

BATTERY CONTROLLER

CONTROLLER

SENSOR

ELECTRIC VALVES

SPRINKLER

FITTINGS

ACCESSORIES