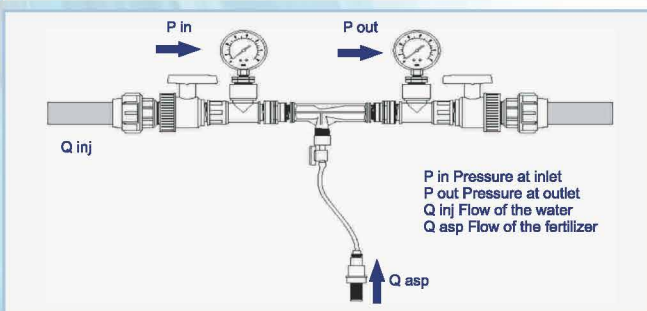


Venturi Injector

AQ-112RS & AQ-113RS



Typical Installation

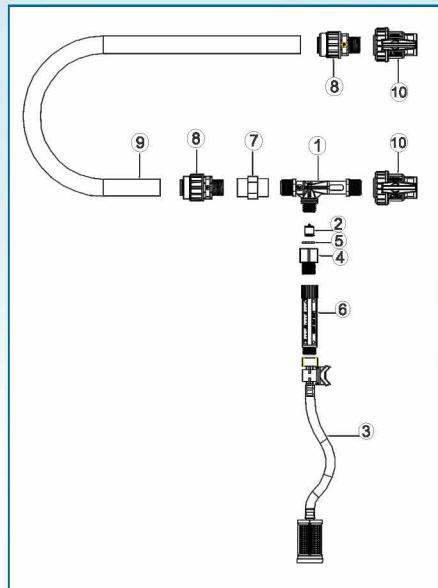


Performance Data

Pressure		¾" Venturi Injector (Model 112)		1" Venturi Injector (Model 113)	
P. in	P. out	Q inj	Q asp	Motive Flow	Water Suction
Inlet Pressure kg/cm ²	Outlet Pressure kg/cm ²	Motive Flow L/H	Water Suction L/H	L/H	L/H
0.5	0	750	200	2200	300
0.75	0	856	200	2640	300
1	0	983	200	3000	300
	0.25		150		300
	0.5		150		200
1.5	0	1195	200	3500	300
	0.5		200		300
	0.75		180		180
	1		50		80
2	0	1356	200	4290	300
	0.5		200		300
	0.75		180		260
	1		170		219
	1.25		120		162
	1.5		40		29
2.5	0	1527	200	4645	300
	0.5		200		300
	0.75		200		300
	1		200		292
	1.25		160		240
	1.5		150		152
3	1.75		80		78
	0	1671	200	5065	300
	1		200		300
	1.25		200		240
	1.5		200		256
	1.75		175		210
	2		150		150
	2.25		60		60
3.5	0	1783	200	5370	300
	1		200		300
	1.5		200		250
	1.75		200		240
	2		190		216
	2.25		150		120
	2.5		100		81
4	2.75		40		20
	0	1907	200	5720	300
	1		200		300
	2		200		290
	2.25		170		200
	2.5		160		179
	2.75		120		118
3		50		56	

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

Venturi Injector



AQ-112RS			
ITEM CODE	MODEL NO	DESCRIPTION	CONNECTION SIZE
20030001	112	3/4" Venturi With Suction Port	3/4" BSP (25mm)
20030006	112	3/4" Venturi With Suction Port	3/4" NPT(25mm)
20010001	112R	3/4" Venturi With Suction Port & Rotameter	3/4" BSP (25mm)
20010006	112R	3/4" Venturi With Suction Port & Rotameter	3/4" NPT(25mm)
20060014	112S	3/4" Venturi Assy With Suction Port	3/4" BSP (25mm)
20060015	112S	3/4" Venturi Assy With Suction Port	3/4" NPT(25mm)
20050019	112RS	3/4" Venturi Assy With Suction Port & Rotameter	3/4" BSP (25mm)
20050020	112RS	3/4" Venturi Assy With Suction Port & Rotameter	3/4" NPT(25mm)

SPARE PARTS				
S. NO	PARTS NAME	PART CODE	MATERIAL	QTY
1	Body (BSP Thread) Black	12440002	Glass reinforced PP	1
	Body (NPT Thread) Black	12440002		
2	NRV	20000006	PP	1
3	Suction Port Assy	20000001	Glass reinforced PP	1
4	Adaptor	12460020	Glass reinforced PP	1
5	Adaptor Washer	50020009	NBR	1
6	Rotameter Assy	20000009	PP	1
7	3/4"x3/4" FFX Threaded Socket	12440001	Glass reinforced PP	1
8	25 MM MTA Body (C.F)	12480016	PP	2
9	Flexible PVC Braided Pipe (20X25)MM (LENGTH -950 mm)	50100004	FLEXIBLE PVC	1
10	3/4" FFX Ball Valve	19070002	PVC	2
	3/4" MXF Ball Valve	19070001		

AQ-113RS			
ITEM CODE	MODEL NO	DESCRIPTION	CONNECTION SIZE
20030002	113	1" Venturi With Suction Port	1" BSP (32mm)
20030007	113	1" Venturi With Suction Port	1" NPT(32mm)
20010002	113R	1" Venturi With Suction Port & Rotameter	1" BSP (32mm)
20010007	113R	1" Venturi With Suction Port & Rotameter	1" NPT(32mm)
20060016	113S	1" Venturi Assy With Suction Port	1" BSP (32mm)
20060017	113S	1" Venturi Assy With Suction Port	1" NPT(32mm)
20050021	113RS	1" Ventury Assy With Suction Port & Rotameter	1" BSP (32mm)
20050022	113RS	1" Ventury Assy With Suction Port & Rotameter	1" NPT(32mm)

SPARE PARTS				
S. NO	PARTS NAME	PART CODE	MATERIAL	QTY
1	Body (BSP Thread) Black	12420001	Glass reinforced PP	1
	Body (NPT Thread) Black	12420011		
2	NRV	20000006	PP	1
3	Suction Port Assy	20000001	Glass reinforced PP	1
4	Adaptor	12460018	Glass reinforced PP	1
5	Adaptor Washer	50020009	NBR	1
6	Rotameter Assy	20000011	PP	1
7	1"x1" FFX Threaded Socket	12440001	Glass reinforced PP	1
8	32 MM MTA Body (C.F)	12470007	PP	2
9	Flexible PVC Braided Pipe (20X25)MM (LENGTH -950 mm)	50100003	FLEXIBLE PVC	1
10	1" FFX Ball Valve	19070006	PVC	2
	1" MXF Ball Valve	19070005		