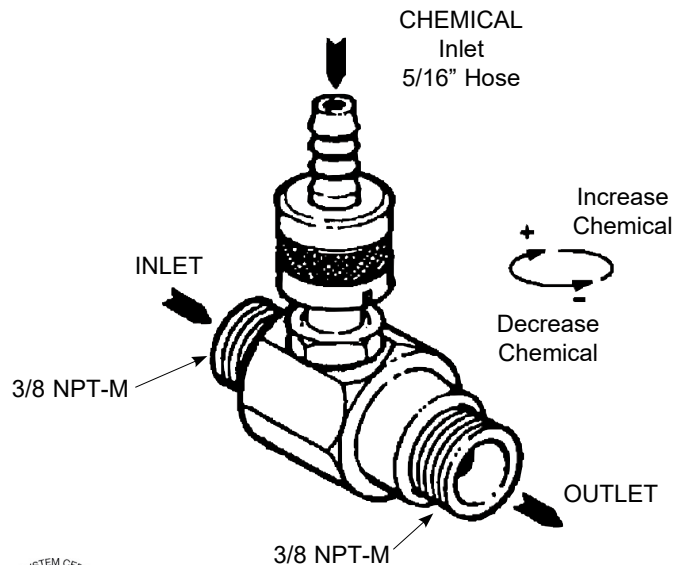




**SPECIFICATIONS**

MODEL	YSSAINJ18	YSSAINJ21	YSSAINJ23
Flow Rate	Up to 2.6 GPM	2.6 to 4.0 GPM	4.0 to 5.3 GPM
Maximum Pressure	5800 PSI		
Inlet	3/8" NPT-M		
Outlet	3/8" NPT-M		
Max. Temperature	190° F		
Hose Barb	5/16"		
Weight	.5 lbs.		
Materials	Stainless Steel, Viton, Teflon		

**DIMENSIONS**



General Pump  
is a member of  
the Interpump Group



300416 Rev. C  
09-18



## Stainless Steel Adjustable Injector

### INSTALLATION

This product is to be used with clean, fresh water. For different or corrosive liquids, contact GP Technical Service Department. With not clean liquids, appropriate filtration should be installed. Select the injector based on the nominal operating rating: system rated pressure, max flow and max temperature. Install valve with direction arrow pointing downstream. For proper operation a control device such as a dual lance wand, quick couple nozzles, or an adjustable nozzle holder must be used to lower the system pressure at the nozzle.

Under no circumstances should the pressure of the system exceed the maximum rated pressure of any component.

### TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Injector will not draw liquid	Incorrect nozzle System is not in low pressure mode Discharge hose is too long Chemical line is clogged	Check and change nozzle Change or adjust nozzle to put system in low pressure mode Reduce length of discharge hose or change injector* Clear chemical line of obstruction
Rate of draw seems too slow	Discharge hose is too long Air leak in chemical line Chemical is too viscous	Reduce length of discharge hose or change injector* Locate and repair leak Reduce chemical with water to decrease its viscosity
Chemical injector is leaking from hose barb	Obstruction in hose barb checkvalve Damaged o-ring in checkvalve	Disassemble and remove obstruction Remove and replace o-ring
Excessive pressure load on pump, motor or engine	Clogged injector Improperly sized injector orifice	Clear injector orifice of obstruction Change orifice*

\*Contact GP Technical Service for Assistance

### PARTS LIST

No.	Part No.	Description	QTY.
1	Y21017184	Injector Knob	1
2	Y21015551	Hose Barb	1
3*	Y10304301	O-ring, 1.78x4x4.48, Viton	1
4	Y21015851	Spring, .8x7x15, SS	1
5	Y21017351	Couplung, M12x101/4	1
6*	Y10304905	O-ring, 1.78x5.28	1
7*	Y14742101	Ball, 1/4" SS	1
8*	Y21016051	Tapered Spring, SS	1
9	Y21016951	Injector Housing	1
10	Y21000251	Nozzle, 1.8, SS	1
	Y21000451	Nozzle, 2.1, SS	1
	Y21015751	Nozzle, 2.3, SS	1
*	YKITSSAINJ	Repair Kit	

