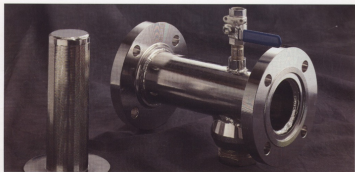


## RESIN TRAP

### SCREENS



#### POSITIVE PROTECTION WITHOUT INTERUPING PROCESS FLOW



In many systems, a valve failure can allow media to escape from the treatment vessel. Not only is the loss of expensive media significant, but damage can easily occur to downstream pumping equipment.

Johnson resin traps, placed inline, provide positive protection. With slots sized as small as 0.05 mm, and up in 0.01 mm increments, the traps can be designed to capture media particles of any size. Even with very narrow slots, the screen has sufficient open area to let process flow move virtually unimpeded.

Other design accommodations can be made for specific site conditions such as piping, valve sizes, and configurations. The screens are typically made with type 316L stainless

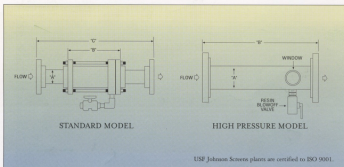
steel but other metals can be used depending on the particular chemistry or temperature of the process flow. The screens can also be designed with sight glasses for monitoring and removable elements for easier cleaning.

Screens for Johnson resin traps are made by wrapping Vee-Wire® spirally around an array of rods and welding it at each intersection of wire and rod. The result is a very strong screen structure with close-tolerance, continuous slots.



# RESIN TRAP

## SCREENS



### STANDARD SOCKET RESIN TRAPS DIMENSIONS

Model	275-100	275-60	3150-100	3150-60	4300-100	6300-60	6700-100	6700-60	8900-100	8900-60
Pipe Size (A)	2"	2"	3"	3"	4"	4"	6"	6"	8"	8"
Length (B)	381 mm	292 mm	459 mm	0.55 m	0.648 m	670 mm	0.91 m	0.752 m	0.905 m	0.727 m
Flow (gm)	4.7 ltr	4.7 ltr	9.4 ltr	9.4 ltr	19 ltr	19 ltr	44 ltr	44 ltr	57 ltr	57 ltr

### STANDARD FLANGED RESIN TRAPS DIMENSIONS

Model	275-100FF	275-60FF	3150-100FF	3150-60FF	4300-100FF	4300-60FF	6700-100FF	6700-60FF	8900-100FF	8900-60FF
Pipe Size (A)	2"	2"	3"	3"	4"	4"	6"	6"	8"	8"
Length (C)	0.597 m	0.508 m	0.724 m	0.635 m	0.809 m	0.711 m	1.219 m	1.041 m	1.219 m	1.041 m
Flow (gm)	4.7 ltr	4.7 ltr	9.4 ltr	9.4 ltr	19 ltr	19 ltr	44 ltr	44 ltr	57 ltr	57 ltr

### HIGH PRESSURE RESIN TRAPS DIMENSIONS

Model	3150-100SS	3150-60SS	4300-100SS	4300-60SS	6700-100SS	6700-60SS	8900-100SS	8900-60SS
Pipe Size (A)	3"	3"	4"	4"	6"	6"	8"	8"
Length (B)	457 mm	381 mm	0.515 m	381 mm	0.762 m	457 mm	0.914 m	0.610 m
Flow (gm)	9.4 ltr	9.4 ltr	19 ltr	19 ltr	44 ltr	44 ltr	63 ltr	63 ltr

#### STANDARD MODELS

- Supplied with PVC flanged or socket connections
- Stainless steel screen
- Maximum temperature 38° C
- Maximum working pressure 680 kPa

#### HIGH PRESSURE MODEL

- Steel housing and screen
- Maximum temperature 95° C
- Maximum working pressure 1420 kPa

#### SPECIAL DESIGNS

- Available in a variety of materials including 304 stainless steel, carbon steel, Monel, etc.
- Designs available for pressures up to 4000 kPa
- Custom configurations to fit special piping or other process requirements

