

SYSTEM FEEDER



SF100-SS



- Ⓐ Adjustable pressure set point between 5-50 psi
- Ⓐ Internal components are corrosion resistant
- Ⓐ 55 USG reservoir tank stores (208) liter of fluid
- Ⓐ No direct connection to potable water supply eliminates need for backflow prevention
- Ⓐ Feeders are compatible with both water and glycol/water solution
- Ⓐ Translucent reservoir provides notice that system may have developed a leak and mitigates potential for flooding disaster
- Ⓐ Diverter valve allows easy purging of air on initial start-up and manual mixing of fluid in the tank
- Ⓐ Fluid drained for service from the system can easily be recovered to the tank
- Ⓐ Fluid level switch shuts pump off if the storage tank level gets too low
- Ⓐ All units plug into any standard 115 VAC outlet

5-50 Psi
(55 USG)

Axiom System Feeders are designed to simplify the process of maintaining the cold static fluid pressure in closed-loop heating and cooling systems. Having a reservoir of suitable make-up fluid eliminates the need for backflow prevention and helps solve many of the associated problems when using domestic water as a make-up fluid.

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PressurePal



SF100-SS HYDRONIC SYSTEM FEEDER TECHNICAL INFORMATION

DIMENSIONS :

WEIGHT : 27.2 kg, 60 lbs (Empty)

PUMP ELECTRICAL :

115/60/1, 0.7 amps
3-prong plug and cord

PUMP PERFORMANCE :

0.09 l/s (1.4 gpm) @ free flow
Combined Flow : 0.18 l/s (2.8 gpm)
0.06 l/s (1.0 gpm) @ 345 kPa (50 psig)
Combined Flow : 0.12 l/s (2.0 gpm)
Self-priming up to 2.1 m (7 feet)
Maximum liquid temp. 77 C (170 F)

Not for use with flammable liquids



SPECIFICATION :

Hydronic system feeder shall be AXIOM INDUSTRIES LTD. Model SF100-SS. System shall include 208 litre (55 US gallon) storage/mixing tank with cover; pump suction hose with inlet strainer; pressure pump with thermal cut-out; integral pressure switch; integral check valve; cord and plug; pre-charged S.S. accumulator tank; S.S. manual diverter valve for purging air and agitating contents of storage tank; S.S. pressure regulating valve adjustable (35 – 345 KPa; 5 – 50 psig) complete with S.S. pressure gauge; built-in check valve; S.S. union connection; low level pump cut-out. All wetted parts made from corrosive resistant material and are compatible with brine solution. Pressure pump shall be capable of running dry without damage. Power supply 115/60/1 0.7 A. Unit shall be completely pre-assembled and certified by a recognized testing agency to CSA standard C22.2 No 68.

OPTIONAL ACCESSORIES :

- RIA10-1-SAA** -- Low level Alarm Panel c/w Remote Monitoring Dry Contacts and Selectable Audible Alarm
- SF100-2240** -- 383 litre (100 US gallon) containment tank

LIMITED WARRANTY :

The SF100-SS is warranted against defects in materials and workmanship for one year.

Project _____
Consultant _____
Unit Tag _____

Location _____
Contractor _____
Sales Agent _____