

# SYSTEM FEEDER



## SF100-D



- A Adjustable pressure set point between 5-55 psi
- A Includes **Two** pumps for seamless and reliable operations
- A 60 USG reservoir tank stores (227) liter of fluid
- A No direct connection to potable water supply eliminates need for backflow prevention
- A Feeders are compatible with both water and glycol/water solutions
- A Translucent reservoir provides notice that system may have developed a leak and mitigates potential for flooding disaster
- A Diverter valve allows easy purging of air on initial start-up and manual mixing of fluid in the tank
- A Fluid drained for service from the system can easily be recovered to the tank
- A Fluid level switch shuts pump off if the storage tank level gets too low
- A All units plug into any standard 115 VAC outlet

5-55 Psi  
(60 USG)



Certified to CAN/CSA  
C22.2 No. 68

**Intertek**  
9901055

Conforms to  
UL 73

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-D HYDRONIC SYSTEM FEEDER TECHNICAL INFORMATION

### DIMENSIONS :

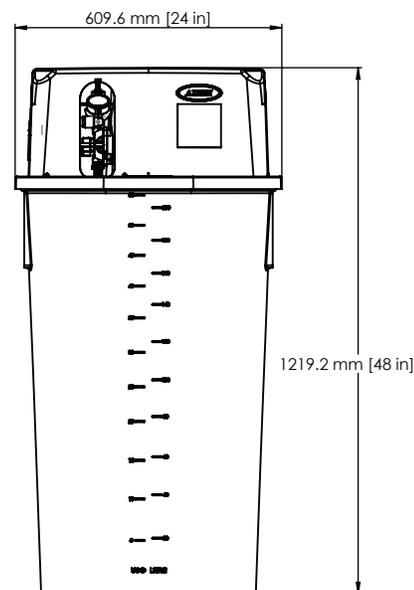
**WEIGHT :** 23 kg, 50 lbs (Empty)

### 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 2.7 m (9 feet)  
Maximum liquid temp. 77 C (170 F)



**MIXING & STORAGE TANK  
60 USG (227 LITRES)**



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### SPECIFICATION :

Hydronic system feeder shall be AXIOM INDUSTRIES LTD. Model SF100-D. System shall include 227 liter (60 US gallon) storage/mixing tank with cover; pump suction hose with inlet strainer; two pressure pumps with thermal cut-out; pump isolation valves; integral pressure switches; integral check valve; cord and plug; pre-charged accumulator tank with EPDM diaphragm; manual diverter valve for purging air and agitating contents of storage tank; pressure regulating valve adjustable (35 – 380 KPa; 5 – 55 psig) complete with pressure gauge; integral replaceable strainer; built-in check valve; union connection; 12 mm (½”) x 900 mm (36”) long flexible connection hose with check valve; low level pump cut-out. Pressure pumps shall be capable of running dry without damage. Power supply 115/60/1 1.4 A. Unit shall be completely pre-assembled and certified by a recognized testing agency to CSA standard C22.2 No 68.

### OPTIONAL ACCESSORIES :

- 2PRV** -- Second Pressure Reducing Valve, Pressure Gauge, System Connector Hose and Check Valve to allow for independent pressure supply to a second system.
- RIA10-1-SAA** -- Low level Alarm Panel c/w Remote Monitoring Dry Contacts and Selectable Audible Alarm

### LIMITED WARRANTY :

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

Project	<input type="text"/>	Location	<input type="text"/>
Consultant	<input type="text"/>	Contractor	<input type="text"/>
Unit Tag	<input type="text"/>	Sales Agent	<input type="text"/>