SYSTEM FEEDER







- A Adjustable pressure set point between 25-85psi
- A No direct connection to potable water supply eliminates need for backflow prevention
- 55 USG reservoir tank stores suitable replacement fluid to automatically maintain system pressure
- Feeders are compatible with both water and glycol/water solutions
 - Translucent reservoir provides notice that system may
- **A** 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
- Fluid level switch shuts pump off if the storage tank level gets too low
- A All units plug into any standard 115 VAC outlet

25-85 Psi (55 US Gal)

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.



info@axiomind.com













SF100-HP HYDRONIC SYSTEM FEEDER TECHNICAL INFORMATION

DIMENSIONS:

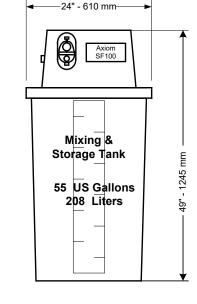
WEIGHT: 23 kg, 51 lbs (Empty)

PUMP ELECTRICAL:

115/60/1, 0.9 amps 3-prong plug and cord

PUMP PERFORMANCE:

0.09 l/s (1.5 gpm) @ free flow 0.06 l/s (1.0 gpm) @ 585 kPa (85 psig) Self-priming up to 2.1 m (7 feet) Maximum liquid temp. 77 C (170 F)





Certified to CAN/CSA C22.2 No. 68 Conforms to UL 739901055

SPECIFICATION:

Hydronic system feeder shall be AXIOM INDUSTRIES LTD. Model SF100-HP. 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 accumulator tank with EPDM diaphragm; manual diverter valve for purging air and agitating contents of storage tank; pressure regulating valve adjustable (173 – 600 KPa; 25 – 85 psig) complete with pressure gauge; 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 pump shall be capable of running dry without damage. Power supply 115/60/1 0.9 A.

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-HP is warranted against defects in materials and workmanship for one year.

Project	Location
Consultant	Contractor
Unit Tag	Sales Agent