

SYSTEM FEEDER



SF100-HP



- A** Adjustable pressure set point between 25-85psi
- A** No direct connection to potable water supply eliminates need for backflow prevention
- A** 55 USG reservoir tank stores suitable replacement fluid to automatically maintain system pressure
- 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

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.

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PressurePal



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**

Intertek

**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 _____
Consultant _____
Unit Tag _____

Location _____
Contractor _____
Sales Agent _____