

MODEL SF100 PACKAGED HYDRONIC SYSTEM FEEDER

The SF100 contains everything required to feed and pressurize closed hydronic heating or cooling systems in a neat, simple package that is easy to install and operate. It is compatible with both water and water/glycol solutions.



- 208 litre (55 US gallon) tank for storage and mixing
- Plugs into any standard 115 VAC outlet
- Fluid level switch shuts the pump off if the storage tank level gets low
- Accumulator tank prevents excessive pump cycling
- *No direct connection to potable water supply eliminates need for backflow prevention*
- *Make-up fluid stored in the feeder tank can be pre-treated*
- Diverter valve for purging of air on initial start-up and manual agitation of solution
- Prevents major floods in the event of system rupture, only the contents of the tank can be pumped into the system
- Provides leak detection dropping fluid level provides immediate notice that the system has developed a leak
- Fluid drained for service can easily be put back into the system
- Flexible connection hose with system check valve makes installation easy

Represented By:

www.axiomind.com





INDUSTRIES LIMITED

SF100 HYDRONIC SYSTEM FEEDER TECHNICAL INFORMATION

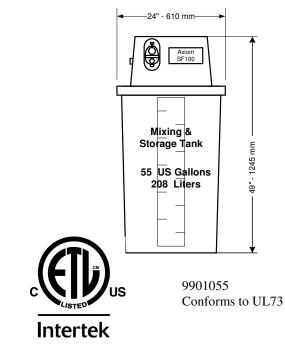
WEIGHT - 16 kg, 35 lbs.

ELECTRICAL

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

PUMP PERFORMANCE

0.09 l/s (1.4 gpm) @ free flow 0.06 l/s (1.0 gpm) @ 345KPa (50 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

SPECIFICATION

Hydronic system feeder shall be AXIOM INDUSTRIES LTD. Model SF100. 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 (35 – 380 KPa; 5 – 55 psig) complete with pressure gauge; built-in check valve; union connection; 12 mm ($\frac{1}{2}$ ") 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 0.7 A. Unit shall be completely pre-assembled and certified by a recognized testing agency to CSA standard C22.2 No 68.

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

Project	Location
Consultant	Contractor
Unit Tag	Sales Agent