



## SF100 HYDRONIC SYSTEM FEEDER TECHNICAL INFORMATION

### DIMENSIONS :

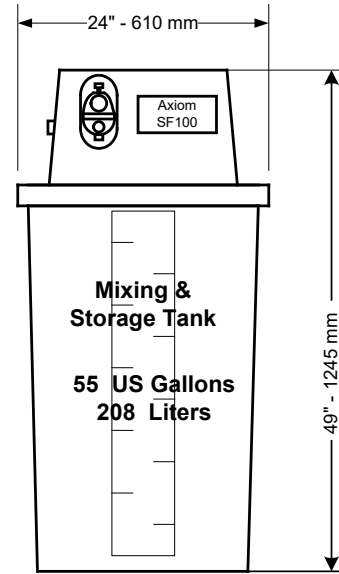
**WEIGHT :** 22.6 kg, 50 lbs (Empty)

### PUMP ELECTRICAL :

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

### PUMP PERFORMANCE :

0.09 l/s (1.4 gpm) @ free flow  
0.06 l/s (1.0 gpm) @ 345 kPa (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**

**Intertek**

**Conforms to  
UL 739901055**

### 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 (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.

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

Project \_\_\_\_\_  
Consultant \_\_\_\_\_  
Unit Tag \_\_\_\_\_

Location \_\_\_\_\_  
Contractor \_\_\_\_\_  
Sales Agent \_\_\_\_\_