

SYSTEM FEEDER



SF100-2PRV-HP



25-85 Psi
(60 USG)

- A** Adjustable pressure set point between 25-85 psi
- A** 2PRV contains everything required to feed and pressurize **Two** closed loop hydronic systems
- 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 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



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



SF100-2PRV-HP HYDRONIC SYSTEM FEEDER TECHNICAL INFORMATION

DIMENSIONS :

WEIGHT : 23 kg, 50.5 lbs (Empty)

PUMP ELECTRICAL :

115/60/1, 1 amp
3-prong plug and cord

PUMP PERFORMANCE :

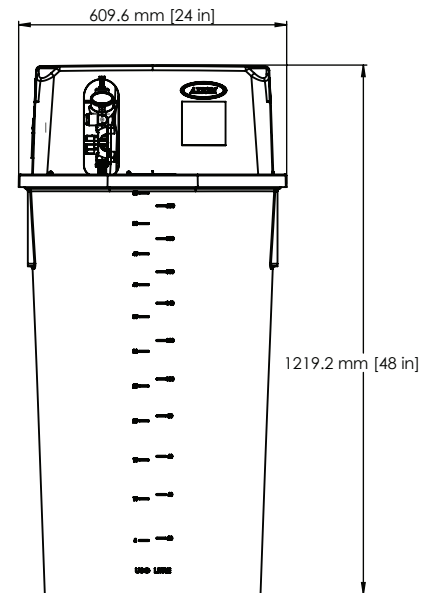
0.1 l/s (1.6 gpm) @ free flow
0.06 l/s (1.0 gpm) @ 345 kPa (85 psig)
Self-priming up to 3.3 m (11 feet)
Maximum liquid temp. 77 C (170 F)



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MIXING & STORAGE TANK
60 USG (227 LITRES)

SPECIFICATION :

Hydronic system feeder shall be AXIOM INDUSTRIES LTD. Model SF100-2PRV-HP. System shall include 227 litre (60 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; two adjustable pressure regulating valves adjustable (173 – 600 KPa; 25 – 85 psig) each 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 1 A. Unit shall be completely pre-assembled and certified by a recognized testing agency to CSA standard C22.2 No 68.

OPTIONAL ACCESSORIES :

- ☐ **RIA10-1-SAA** -- Low level Alarm Panel c/w Remote Monitoring Dry Contacts and Selectable Audible Alarm
- ☐ **SF100-2240** -- 454 litre (120 US gallon) containment tank

LIMITED WARRANTY :

The SF100-2PRV-HP is warranted against defects in materials and workmanship for one year.

Project	
Consultant	
Unit Tag	

Location	
Contractor	
Sales Agent	

SB-SF-100-2PRV-HP-02