

SYSTEM FEEDER

AXIOM

SF100-D-P-4x



5-55 Psi
(55 USG)

- A Adjustable pressure set point between 5-55 psi
- A Includes **Two** pumps for seamless and reliable operations
- A **[NEMA 4x]** rated Alternating control panel for lead/lag operation, high level alarm and H/O/A pump switches
- A 55 USG reservoir tank stores (208) 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 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

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-D-P-4x HYDRONIC SYSTEM FEEDER TECHNICAL INFORMATION

DIMENSIONS :

WEIGHT : 68 kg, 150 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
 Combined Flow : 0.18 l/s (2.8 gpm)
0.06 l/s (1.0 gpm) @ 345 kPa (50 psig)
 Combined Flow : 0.12 l/s (2.0 gpm)
Self-priming up to 2.1 m (7 feet)
Maximum liquid temp. 77 C (170 F)



SPECIFICATION :

Hydronic system feeder and Alternating panel shall be AXIOM INDUSTRIES LTD. Model SF100-D-P-4x. System shall include 208 litre (55 US gallon) storage/mixing tank with cover; pump suction hose with inlet strainer; two pressure pumps with thermal cut-out; pump isolation valves; two integral pressure switches; integral check valve; pre-charged accumulator tank with EPDM diaphragm; manual diverter valve for purging air and agitating contents of storage tank; factory set pressure relief valve; pressure regulating valve adjustable (35 – 380 KPa; 5 – 55 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 pumps shall be capable of running dry without damage. Power supply 115/60/1 3.8 A. Unit shall be completely pre-assembled.

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.
- SF100-2240** -- 383 litre (100 US gallon) containment tank

LIMITED WARRANTY :

The SF100-D-P-4x is warranted against defects in materials and workmanship for one year.

Project _____
Consultant _____
Unit Tag _____

Location _____
Contractor _____
Sales Agent _____