

SYSTEM FEEDER



DMF300

- A Simple, user-friendly digital control
- A Adjustable pressure set point between 0-45psi
- A Digital control has an alarm contact output and LED warning indicator
- A Tilted 4" easy-fill access located at the front of the tank
- A 17 USG reservoir tank stores suitable replacement fluid to automatically maintain system pressure
- A Translucent reservoir tank with molded-in fluid gauge provides leak detection
- A Minimizes flood damage if there is a system leak by having a limited amount of make-up fluid.
- A Fluid drained for service is easily pumped back into the system
- A UL listed power supply plugs into any standard 115 VAC outlet

0-45 Psi
(17 USG)

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



DMF300 HYDRONIC SYSTEM FEEDER TECHNICAL INFORMATION

DIMENSIONS :

Height 36 in (see the diagram)

WEIGHT :

8.16 kg 18 lbs (Empty)

PUMP ELECTRICAL :

Rated 50 watts
 UL listed AC/DC power supply adapter
 100-240 VAC/50-60 Hz/1 to 24 VDC

PUMP PERFORMANCE :

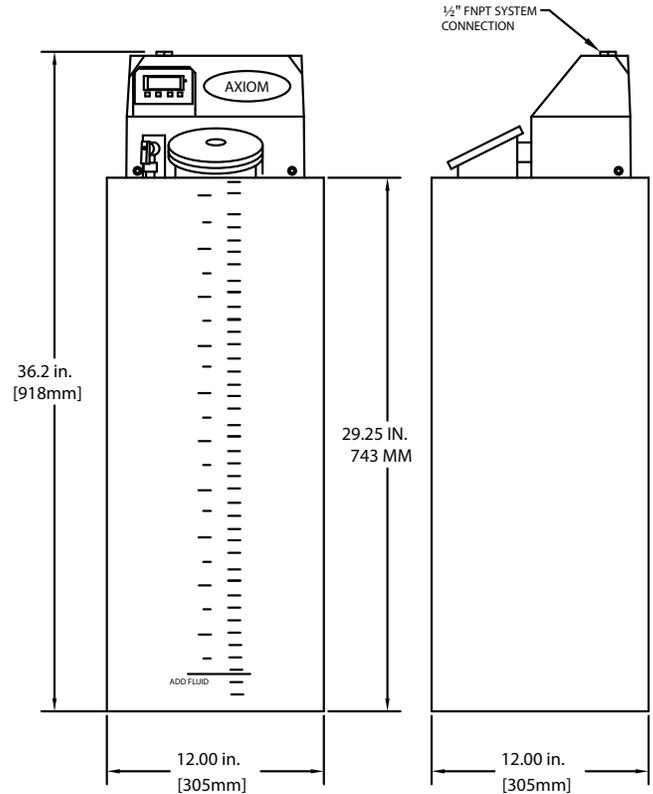
3.78 l/m (1.0 gpm) @ free flow
 Self-priming up to 1.2 m (4 feet)

CLEARANCES :

Depth -- 12.0 in (305 mm)
 Right/Left - 0 in (0mm)

* Provided that side screws on lid are removed upon installation

Clearances -- Top -- 3" (75mm) Discharge 1/2 " FNPT



SPECIFICATION :

Hydronic system feeder shall be AXIOM INDUSTRIES LTD. Model DMF300. System shall include 64 litre (17 U.S. gallon) storage/mixing tank with molded-in liquid level gauge, 100 mm (4") fill/access opening and cover; pump suction hose with inlet strainer; pressure pump with fuse protection; low fluid level pump cut-out float switch; manual diverter valve for purging air and agitating contents of storage tank; digital pressure switch adjustable from 0 kPa (0 psig) to 310 kPa (45 psig) cut-out pressure; factory cut-out pressure set to 115 kPa (18psig); digital pressure display, visual alarm on low level, low level alarm comes with remote dry contacts (NO or NC). Unit c/w UL listed and fused power supply adapter with LED power indicator light, 100-240VAC/50-60Hz/1 to 24 VDC, supplied loose for field installation.

Feeder shall be compatible with glycol solutions of up to 50% concentration. Pump shall be capable of running dry without damage. Unit shall be completely assembled.

OPTIONAL ACCESSORIES :

- RIA10-1-SAA** -- Low level Alarm Panel provides selectable Audible Alarm and additional remote monitoring dry contacts (DMF digital pressure switch c/w NO or NC remote monitoring dry contacts)

LIMITED WARRANTY :

The DMF300 is warranted against defects in materials and workmanship for one year.

Project		Location	
Consultant		Contractor	
Unit Tag		Sales Agent	