GMP
Glycol Make-up Package

GMP-6/GMP-18

Residential/Small Commercial Hydronic System Feeders by the leader in Commercial Glycol Make-Up Packages.

The HG Spec GMP-6 and GMP-18 are economical yet rugged, compact and easy to use fluid feeders for smaller closed-loop systems. Their function is to automatically supply pressurized water or a water/glycol mixture to a closed-loop space heating, chilled water, snowmelt, radiant heating or process control system, to insure that minimum system pressure levels are maintained. The optional remote alarm panel kit will provide an audible and visual indication of a system leak.

Advantages of using automatic system feeders:

PREVENTS MAJOR FLOODS
In the event of a major system leak, only the contents of the storage tank will be pumped into the system.

NO DIRECT CONNECTION TO POTABLE WATER SUPPLY
Eliminates the need for backflow prevention devices.

PROVIDES LEAK DETECTION
Dropping solution level in the storage tank warns of developing system leak.

TREATMENT CHEMICALS
Allows mixing of treatment chemicals in make-up water, if desired.

AUDIBLE AND VISUAL ALARM
The optional remote alarm kit alerts the user if there is a system leak, allowing quick corrective actions.

Features:

- Two sizes: GMP-6, 22.7 L (6.0 USG) and GMP-18, 68.1 L (18 USG)
- 120 Vac/1 ph/60 Hz, standard plug with 1.8 m (6 ft) cord
- Level float switch with piggyback plug
- Rugged self-priming diaphragm pump which can run dry
- Level switch stops the pump if fluid level in the tank is too low
- Easy to adjust PRV to maintain system pressure (up to 412.8 kPa (60 psig))

Options

- Remote alarm panel kit: low level switch and remote panel with 9 V battery backup
- Float and auxiliary dry contact (NO) for remote low level alarm (alarm panel by others)
- Wall mounting shelf for GMP-6: WMS

HG Spec GMP-6/GMP-18

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Technical information

CAPACITIES:
GMP-6: 22.7 L (6.0 USG)
GMP-18: 68.1 L (18 USG)

ELECTRICAL:
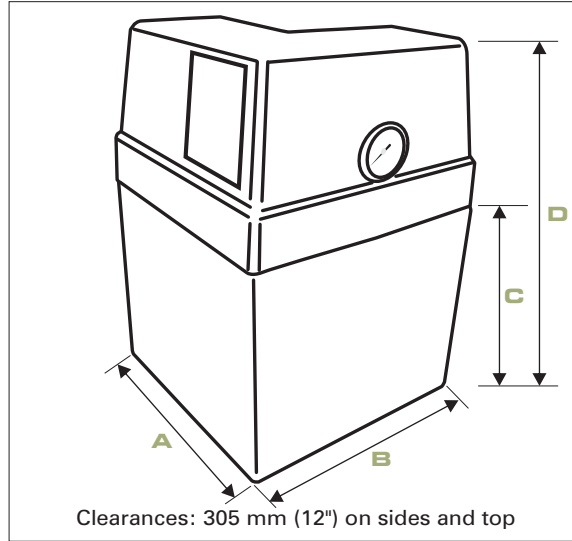120 Vac/1 ph/60 Hz plug, 1.0 amp

PUMP:
1.0 L/s (1.6 gpm) at free flow

DISCHARGE CONNECTION:
3/8" FPT

WEIGHTS:
GMP-6: Empty 7.4 kg (16 lbs) / Full: 30 kg (66 lbs)
GMP-18: Empty 11.4 kg (25 lbs) / Full: 79.5 kg (175 lbs)

Clearances: 305 mm (12") on sides and top

Models & Dimensions

Pressure: 0 - 172 kPa (0 - 25 psig)

GMP-6	
GMP-6A	With remote alarm panel kit
GMP-18	
GMP-18A	With remote alarm panel kit

Pressure: 0 - 412.8 kPa (0 - 60 psig)

GMP-6H	
GMP-6HA	With remote alarm panel kit
GMP-18H	
GMP-18HA	With remote alarm panel kit

All Models	A mm (in)	B mm (in)	C mm (in)	D mm (in)
GMP-6	305 (12)	305 (12)	254 (10)	445 (17.5)
GMP-18	305 (12)	305 (12)	807 (31.75)	997 (39.25)

Consult factory for higher pressure systems

TYPICAL SPECIFICATION
The automatic hydronic system feeder shall be an HG Spec model GMP___. The system shall be compatible with solutions containing up to 50% glycol. The system shall be factory assembled and complete with: a storage tank with a 127 mm (5 in) opening with cover, liquid level gauge, pump suction hose with strainer, pressure pump with check valve, cutout piggyback level float switch, adjustable PRV for setting of system pressure from 0 to___ kPa (0 to ___ psig) and pressure gauge.
The unit shall be warranted for one (1) year.

FOR SYSTEMS WITH REMOTE ALARM PANEL KIT (GMP-____A)
Remote alarm panel kit: The kit shall include a low level float switch and an alarm panel. The float shall be factory installed and include a 3 m (10') cable for connection to the remote panel. The alarm panel shall include: NEMA 1 indoor enclosure, 1.8 m (6') power cord with 120 V plug, 12 VAC control circuit with 9 Volt battery back-up (battery not included), power and alarm indicator lights, silence and test buttons. The panel shall include auxiliary alarm contacts (1-NO, 1-NC).

Options:
- Float switch and auxiliary dry contact (NO) for remote low level alarm (Alarm panel by others). (Add suffix R to model number without remote alarm panel kit. Example: GMP-6R).
- Wall mounting shelf for GMP-6: WMS.

Project: _____

Location: _____

Engineer: _____

Unit tag: _____

Contractor: _____

Submitted by: _____

Represented by: