

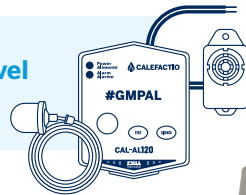


The glycol make-up package that offers performance and reliability

Calefactio's GMP are economical yet rugged, compact and easy to use fluid feeders for small 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, solar, radiant heating or process control system, to ensure that minimum system pressure levels are maintained. The optional low-level float alarm provides an audible and visual indication in the event of a leak or a drop in level.

Optional Low-Level Alarm Available



New!
Integrated wall mount



GMP4



GMP6



GMP18



GMPLC55



GMPLC100

Detects leaks

Robust self-priming pump

Flood protection

calefactio.com

Why choose our glycol make-up systems?

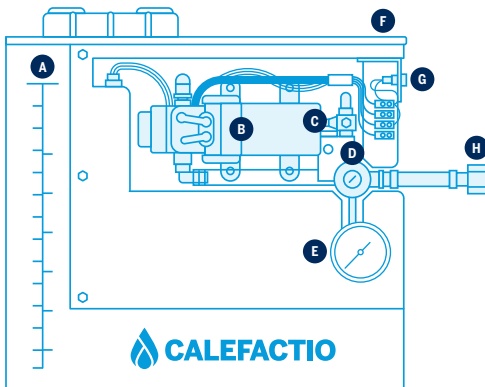
Features	Benefits
Filling valve	System filling with an independant glycol container is now easier than ever with the 3-way valve and filling kit (#GMPFILLINGKIT), unique to Calefactio's GMP design.
Prevent major floods	In the event of a major system leak, only the content of the storage tank will be pumped into the system.
No direct connection to potable water supply	Eliminates the need for backflow prevention devices.
Provide leak detection	Dropping solution level in the storage tank warns of developing system leak.
Alarm kits	The optional remote alarm kit alerts the user if there is a system leak, allowing quick corrective actions.
Easy maintenance	Just pour back in the liquid drained for maintenance.
By-pass valve	Used to set PRV pressure and for manual agitation of solution.
Connected with a flexible braided hose	To isolate from vibration of the system.
Rugged self priming pump	Can run dry for extended periods and be used to fill your system. Its components are chemical resistant and certified to meet UL and CSA norms.

GMP4

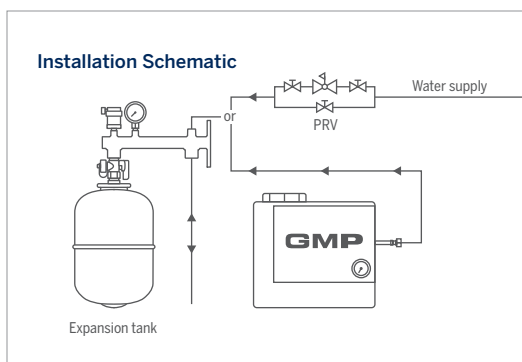
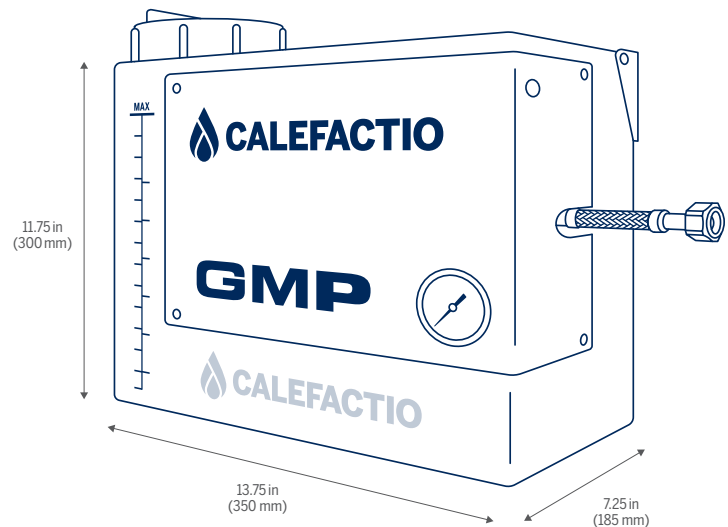


Compact and space-saving, the GMP4 automatically maintains pressure in residential closed-loop systems up to 300 L (79 gal). Its rectangular design and included wall-mount bracket maximize space in the mechanical room, while its low-level float allows for easy connection to an external alarm.

Model#	Capacity		Power Supply	Pump		Pressure		Weight Empty	
	gal	L		GPM	L/min	kPa	psi	lb	kg
GMP4	4	15	24 AV/DC	1	3.8	0-241	0-35	8.4	3.8



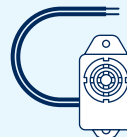
- A** Heavy-duty roto-molded tank with embossed graduation
- B** 24V pump, 35 psi (241 kPa), 1 GPM (3.8 LPM)
- C** By-pass valve
- D** Pressure adjustment valve
- E** Glycerin-filled pressure gauge (0-60 psi)
- F** 3/4" opening for relief valve
- G** Adapter connection
- H** 1/2" FNPT braided fitting



Optional

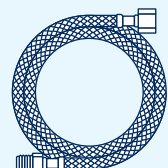
Audible Alarm (#GMP4ALARM)

Alerts you when the liquid level is too low, which may indicate a leak.



Braided hose for system connection (#BH72)

72-inch length with 1/2" FNPT x 1/2" MNPT fittings.



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GMP6



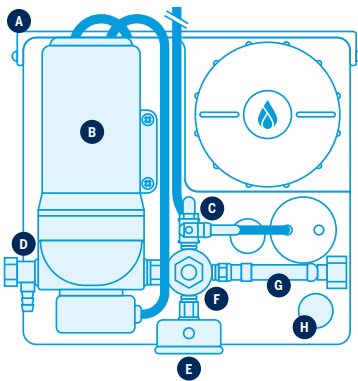
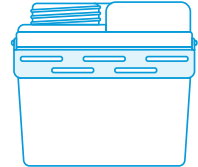
Calefactio's GMP6 now features an integrated wall mount, making installation quick and secure. Designed for performance and reliability, it automatically maintains pressure in closed-loop hydronic systems.

Model#	Capacity		Power Supply	Pump		Pressure		Weight Empty	
	gal	L		GPM	L/min	kPa	psi	lb	kg
GMP6*	6	22.7	120 VAC 1 ph, 60 Hz, 0.6 A	1.6	6	0-413	0-60	17	7.7
GMP6S*	6	22.7		1.6	6	0-690	0-100	17	7.7

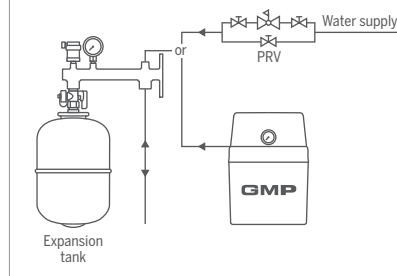
*1.8 m (6 ft) power cord with standard plug.

New!

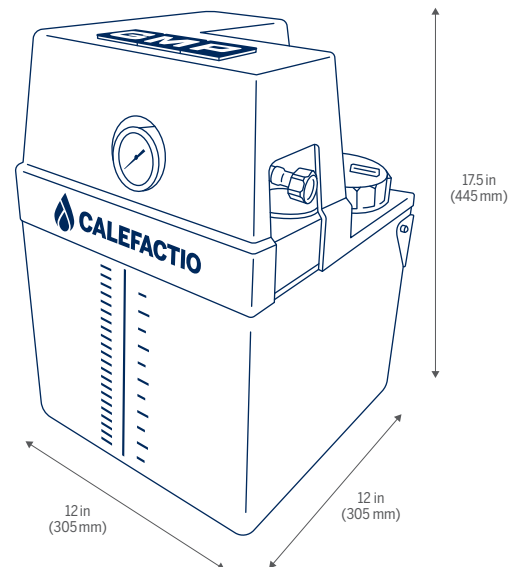
Integrated wall mount for quick and easy installation.



Installation Schematic



- A** Integrated wall mount
- B** Pump
- C** By-pass valve
- D** 3-way filling valve
- E** Glycerin pressure gauge
- F** Pressure adjustment valve
- G** Braided hose for system connection (1/2" FNPT)
- H** 3/4" opening for return from the system safety valve



Optional

Low-level alarm with low-level float switch (#GMPAL)

- ▶ NEMA 1 enclosure for indoor installation
- ▶ 120 V power supply
- ▶ 12 VAC control circuit with 9V battery
- ▶ Indicator lights
- ▶ Test and mute buttons
- ▶ 1.8 m (6 ft) power cord
- ▶ Low-level float switch with 3 m (10 ft) cable

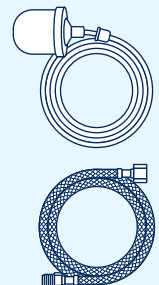


Low-level float switch with dry contact (#GMPDC)

3 m (10 ft) cable included for connection to an independent alarm panel. 1-NO contact.

Braided hose for system connection (#BH72)

72-inch length with 1/2" FNPT x 1/2" MNPT fittings.



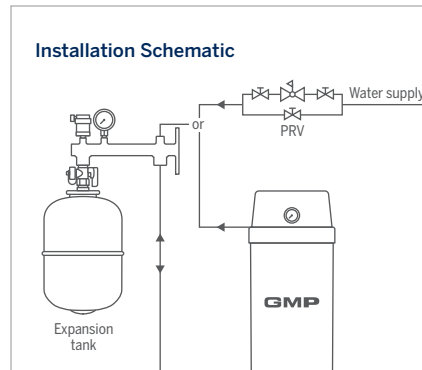
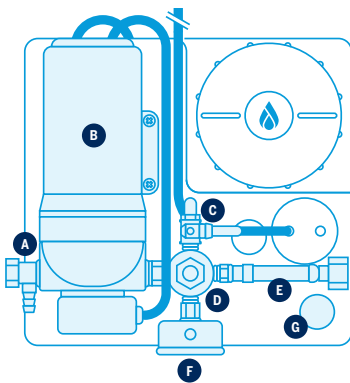
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GMP18

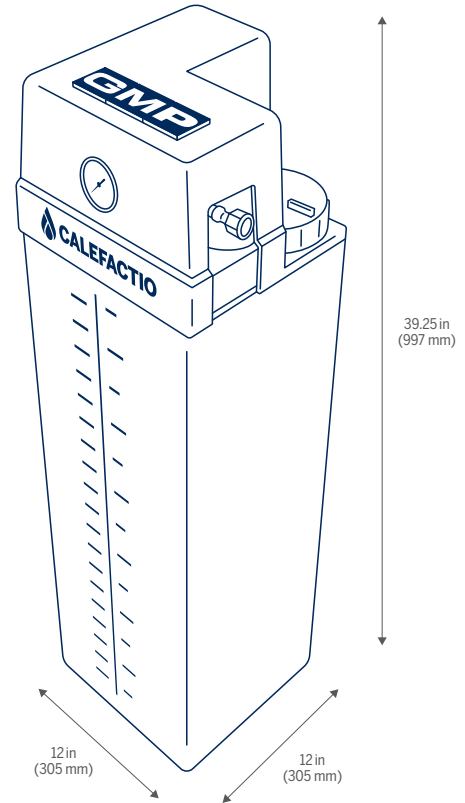


Rugged and designed for commercial and industrial applications, the GMP18 automatically maintains constant water or water/glycol mixture pressure in pressurized closed-loop systems. An optional remote low-level alarm panel is also available to quickly indicate any drop in fluid level or potential leak.

Model#	Capacity		Power Supply	Pump		Pressure		Weight Empty	
	gal	L		GPM	L/min	kPa	psi	lb	kg
GMP18	18	68.1	120 VAC 1 ph, 60 Hz, 0.6 A	1.6	6	0-413	0-60	25	11.4
GMP18S	18	68.1		1.6	6	0-690	0-100	25	11.4



- A** 3-way filling valve
- B** Pump
- C** By-pass valve
- D** Pressure adjustment valve
- E** Braided hose for system connection (½" FNPT)
- F** Glycerin pressure gauge
- G** ¾" opening for return from the system safety valve



Optional

Low-level alarm with low-level float switch (#GMPAL)

- ▶ NEMA 1 enclosure for indoor installation
- ▶ 120 V power supply
- ▶ 12 VAC control circuit with 9 V battery
- ▶ Indicator lights
- ▶ Test and mute buttons
- ▶ 1.8 m (6 ft) power cord
- ▶ Low-level float switch with 3 m (10 ft) cable

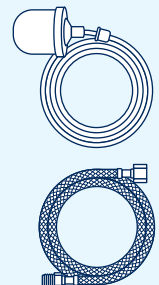


Low-level float switch with dry contact (#GMPDC)

3 m (10 ft) cable included for connection to an independent alarm panel. 1-NO contact.

Braided hose for system connection (#BH72)

72-inch length with ½" FNPT × ½" MNPT fittings.

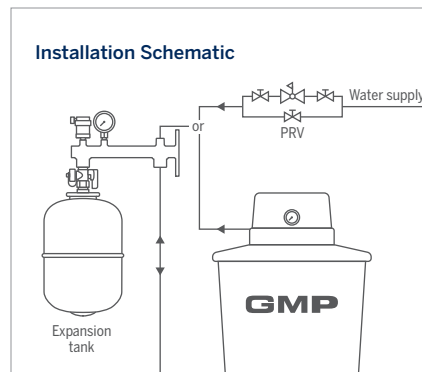
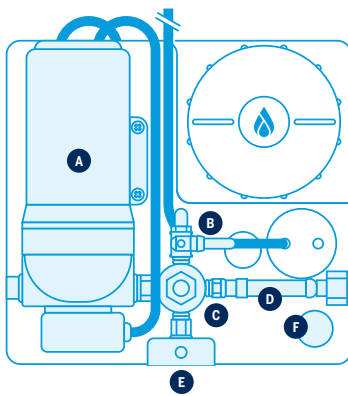


GMPLC55

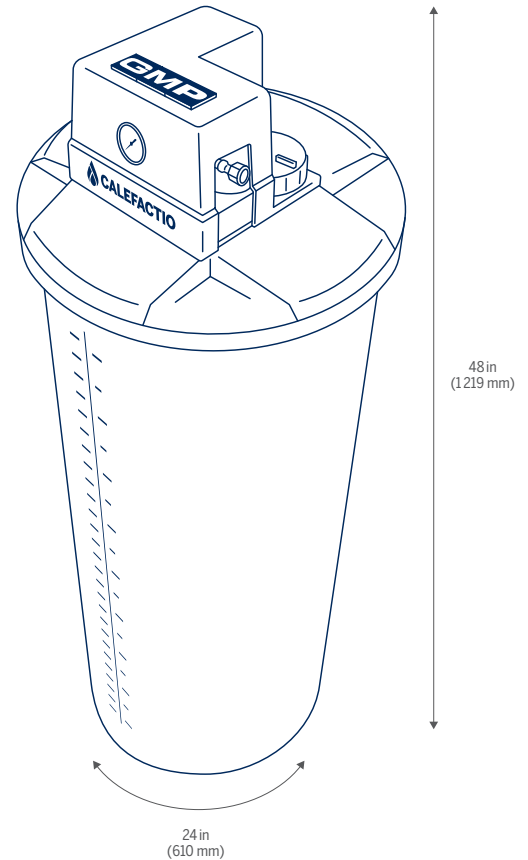


Designed for commercial and industrial applications, the GMPLC55 automatically maintains constant water or water/glycol mixture pressure in pressurized closed-loop systems. Rugged and reliable, it can also be paired with an optional remote low-level alarm panel to quickly indicate any drop in fluid level or potential leak.

Model#	Capacity		Power Supply	Pump		Pressure		Weight Empty	
	gal	L		GPM	L/min	kPa	psi	lb	kg
GMPLC55	55	208	120 VAC 1 ph, 60 Hz, 0.6 A	1.6	6	0-690	0-100	37.8	17.2
GMPLC55S	55	208		1.6	6	0-690	0-100	37.8	17.2



- A** Pump
- B** By-pass valve
- C** Pressure adjustment valve
- D** Braided hose for system connection (1/2" FNPT)
- E** Glycerin pressure gauge
- F** 3/4" opening for return from the system safety valve



Optional

Low-level alarm with low-level float switch (#GMPAL)

- ▶ NEMA 1 enclosure for indoor installation
- ▶ 120 V power supply
- ▶ 12 VAC control circuit with 9 V battery
- ▶ Indicator lights
- ▶ Test and mute buttons
- ▶ 1.8 m (6 ft) power cord
- ▶ Low-level float switch with 3 m (10 ft) cable

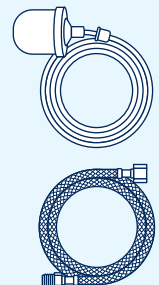


Low-level float switch with dry contact (#GMPDC)

3 m (10 ft) cable included for connection to an independent alarm panel. 1-NO contact.

Braided hose for system connection (#BH72)

72-inch length with 1/2" FNPT x 1/2" MNPT fittings.

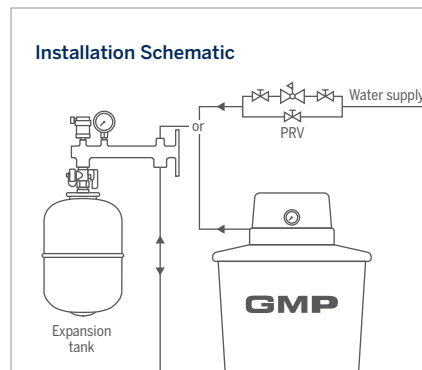
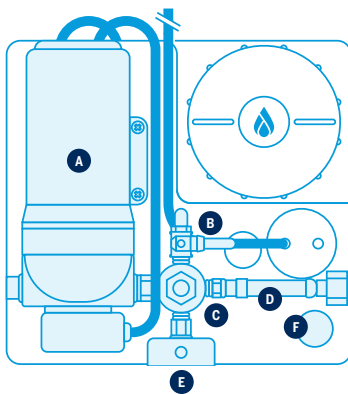


GMPLC100

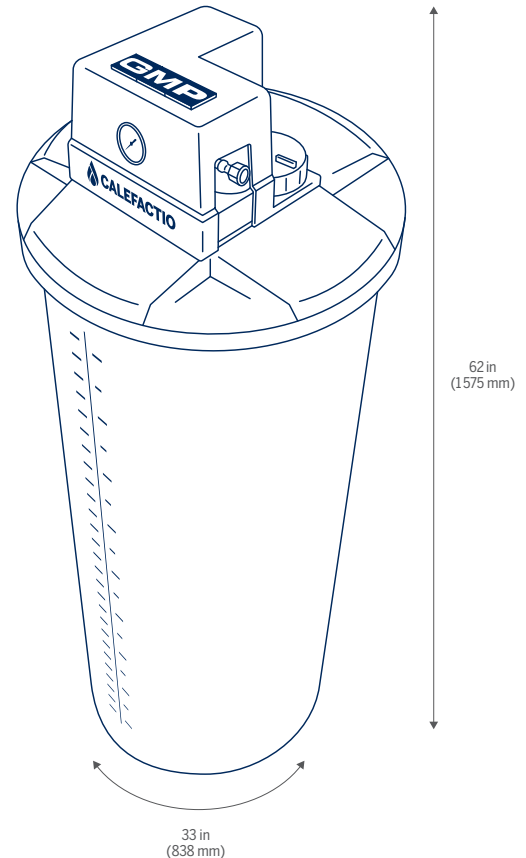


Designed for commercial and industrial applications, the GMPLC100 automatically maintains constant water or water/glycol mixture pressure in pressurized closed-loop systems. Rugged and reliable, it can also be paired with an optional remote low-level alarm panel to quickly indicate any drop in fluid level or potential leak.

Model#	Capacity		Power Supply	Pump		Pressure		Weight Empty	
	gal	L		GPM	L/min	kPa	psi	lb	kg
GMPLC100	100	379	120 VAC 1 ph, 60 Hz, 0.6 A	1.6	6	0-690	0-100	51.5	23.4
GMPLC100S	100	379		1.6	6	0-690	0-100	51.5	23.4



- A** Pump
- B** By-pass valve
- C** Pressure adjustment valve
- D** Braided hose for system connection (1/2" FNPT)
- E** Glycerin pressure gauge
- F** 3/4" opening for return from the system safety valve



Optional

Low-level alarm with low-level float switch (#GMPAL)

- ▶ NEMA 1 enclosure for indoor installation
- ▶ 120 V power supply
- ▶ 12 VAC control circuit with 9 V battery
- ▶ Indicator lights
- ▶ Test and mute buttons
- ▶ 1.8 m (6 ft) power cord
- ▶ Low-level float switch with 3 m (10 ft) cable



Low-level float switch with dry contact (#GMPDC)

3 m (10 ft) cable included for connection to an independent alarm panel. 1-NO contact.

Braided hose for system connection (#BH72)

72-inch length with 1/2" FNPT x 1/2" MNPT fittings.

