

# GLYCOL MAKE-UP PACKAGE

WITH ADDED FEATURES

→ PREVENT MAJOR FLOODS

→ PROVIDE LEAK DETECTION

→ WATER OR MIX OF WATER AND GLYCOL

→ RUGGED SELF-PRIMING PUMP

THE GLYCOL  
MAKE-UP PACKAGE  
THAT OFFERS BOTH  
PERFORMANCE  
AND RELIABILITY!

**NEW**

**SYSTEM FILLING  
NOW EASIER  
THAN EVER WITH  
THE INTEGRATED  
VALVE**



## HYDRONIC SYSTEM FEEDERS

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 remote alarm panel kit will provide an audible and visual indication of a system leak.

# FEATURES AND BENEFITS

FEATURES	BENEFITS
<b>Filling valve</b> <b>NEW</b>	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.
<b>Prevent major floods</b>	In the event of a major system leak, only the content of the storage tank will be pumped into the system.
<b>No direct connection to potable water supply</b>	Eliminates the need for backflow prevention devices.
<b>Provide leak detection</b>	Dropping solution level in the storage tank warns of developing system leak.
<b>Alarm kits</b>	The optional remote alarm kit alerts the user if there is a system leak, allowing quick corrective actions.
<b>Easy maintenance</b>	Just pour back in the liquid drained for maintenance.
<b>By-pass valve</b>	Used to set prv pressure and for manual agitation of solution
<b>Connected with a flexible braided hose</b>	To isolate from vibration of the system.
<b>Rugged self priming pump</b>	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.



## GLYCOL MAKE-UP PACKAGE

# SPECIFICATIONS

### FOUR SIZES – ALSO AVAILABLE FOR SOLAR SYSTEMS

Models	Capacity	
	gal	L
GMP6	6	22,7
GMP18	18	68,1
GMPLC55	55	208,0
GMPLC100	100	379,0

120 Vac/1 ph/60 Hz, standard plug with 6 ft (1.8 m) cord.

Level float switch with piggyback plug.

Level switch stops the pump if fluid level in the tank is too low.

Easy to adjust PRV to maintain system pressure (up to 60 psig (413 kPa) and 100 psig (690 kPa) for solar systems).



- A) Flexible braided hose
- B) 3/4" opening for relief valve
- C) By-pass valve
- D) PRV
- E) Pump
- F) Liquid filled pressure gage (0-100 PSI)
- G) 3-way filling valve **NEW**

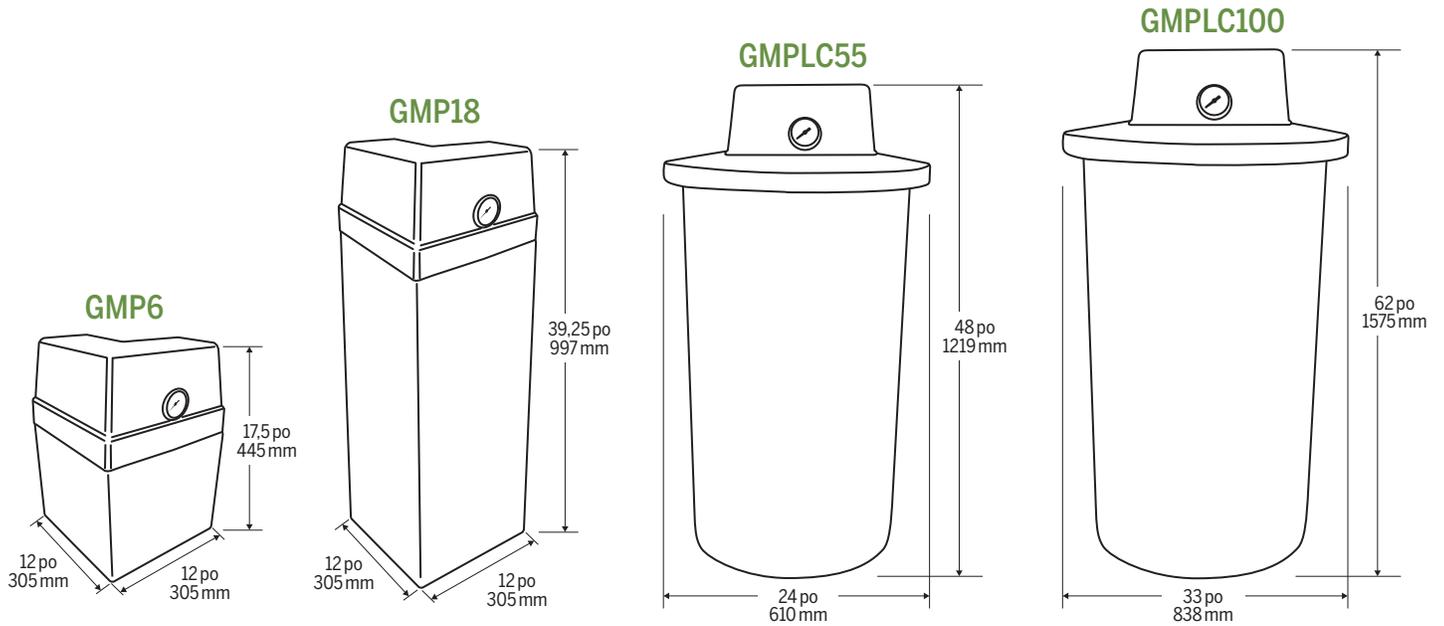
# ALARM KITS

**Alarm panel kit (#GMPAL):** The kit includes a low level float switch and an alarm panel. The float kit includes a 10' (3 m) cable for connection to the remote panel. The alarm panel includes: NEMA 1 indoor enclosure, 6' (1.8 m) power cord with 120 V plug, 12 VAC control circuit with 9 Volt battery back-up (battery included), power and alarm indicator lights, silence and test buttons.

**Remote alarm kit (#GMPDC):** The kit consists of auxiliary alarm contacts (1-NO). It includes a float with a 10' (3 m) cable for connection to the remote panel by others.



# DIMENSIONS



GMP6										
Capacity		Electrical	Pump	Discharge connection	Weight empty		Weight full		Pressure*	
gal	L				lbs	kg	lbs	kg	psig	kPa
6	22.7	120 Vac/ 60 Hz plug	1.6 gpm (6L/m)	½" FPT	16	7.4	66	30	0-60	0-413

\*Pressure: 0-100 PSIG (0-690 kPa) on solar models.

GMP18										
Capacity		Electrical	Pump	Discharge connection	Weight empty		Weight full		Pressure*	
gal	L				lbs	kg	lbs	kg	psig	kPa
18	68.1	120 Vac/ 60 Hz plug	1.6 gpm (6L/m)	½" FPT	25	11.4	175	79.5	0-60	0-413

\*Pressure: 0-100 PSIG (0-690 kPa) on solar models.

GMPLC55										
Capacity		Electrical	Pump	Discharge connection	Weight empty		Weight full		Pressure*	
gal	L				lbs	kg	lbs	kg	psig	kPa
55	208	120 Vac/ 60 Hz plug	1.6 gpm (6L/m)	½" FPT	35	16	494	224	0-60	0-413

\*Pressure: 0-100 PSIG (0-690 kPa) on solar models.

GMPLC100										
Capacity		Electrical	Pump	Discharge connection	Weight empty		Weight full		Pressure*	
gal	L				lbs	kg	lbs	kg	psig	kPa
100	379	120 Vac/ 60 Hz plug	1.6 gpm (6L/m)	½" FPT	49	22	884	401	0-60	0-413

\*Pressure: 0-100 PSIG (0-690 kPa) on solar models.



## OPTIONS

### #GMPAL

Remote alarm panel kit: low level switch and remote panel with 9 V battery back-up



### #GMPDC

Float switch and auxiliary dry contact (NO) for remote low level alarm



### #BH72

72 inches braided hose to connect GMP to system



**NEW**

### #GMPFILLINGKIT

Re-usable hose with strainer to fit GMP6 and GMP18 filling valve



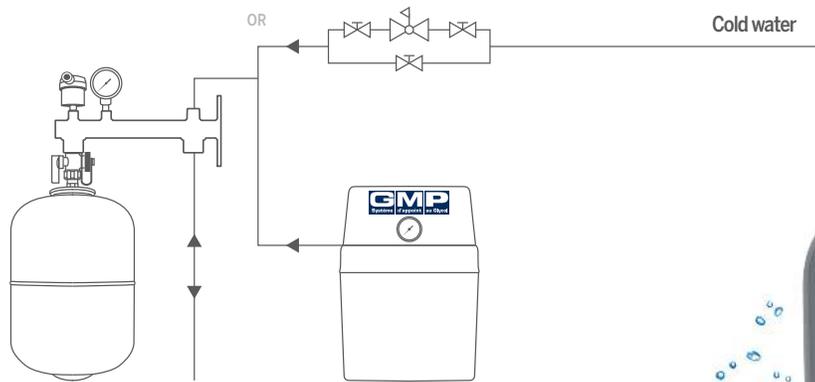
### #GMP6WMS

Wall mounting shelf for GMP6



## EXPANSION TANKS AND ACCESSORIES

Complete your system installation with the Service Center(#HGSCMULTI), a wall support for expansion tank. Ask your local dealer or visit [www.calefactio.com](http://www.calefactio.com) for more details.



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