

COMMERCIAL AND INDUSTRIAL GLYCOL MAKE-UP PACKAGE

ADDED FEATURES

- HIGH LEVEL ALARM OPTION
- PROTECTIVE SKIRTS OPTION
- EASY ACCESS ELECTRICAL BOX
- LOW LEVEL SENSOR NOW INSIDE THE TANK
- SIMPLIFIED PLUMBING AND WIRING

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



HYDRONIC SYSTEM FEEDERS

Calefactio's Commercial and industrial GMP's are economical yet robust. Their function is to automatically maintain the water pressure or that of a mix of glycol/water inside the closed-loop hydronic system. These systems are equipped with a magnetic starter mechanism, a switch and a low level alarm which stops the pump when the liquid level is too low, and warns the operator through an audible and visual alarm. A high level alarm is also available (optional), allowing the user to react quickly and avoid an overflow.

FEATURES AND BENEFITS

FEATURES	BENEFITS
Prevent major floods	In the event of a system leak, only the tank contents will be pumped in the system.
No direct connection to potable water supply	Eliminates the need for a backflow preventer.
Helps detecting leaks	Dropping solution level in the storage tank gives the warning of a developing system leak.
Treatment chemicals	Allows mixing of chemicals for treatment.
Easy maintenance	Just pour back in the liquid drained for maintenance.
EPA protection and excessive pressure control	A piping relief valve attached to the solution tank eliminates EPA concerns of solution disposal.



DESCRIPTION

The Industrial and Commercial GMP's are mounted on a sturdy steel frame, complete with legs to keep it off the ground. The package includes a pump with its motor, a liquid detection probe, an audible and visual alarm panel, a magnetic starter with three positions (automatic, manual, off), a pressure gauge and a 50 or 100 gallon tank with level indicator.

OPTIONS

Protective skirts GMPJU

Steel skirts protect the GMP's mechanic components while allowing air to circulate.



High level alarm GMPOF

This alarm warns the user of a high level of fluid in the tank, giving the opportunity to react quickly and avoid an overflow.



DETAILS



SINGLE GMP

The single GMP unit is designed to automatically service a closed loop hydronic heating network. This GMP Series is available with a 50 or 100 gallon tank and a 1/3 or 1/2 HP booster pump with a magnetic starter. Through a pressure regulator (PRV), the pump maintains the pre-set pressure from 10 to 70 PSI.

Model #	Make-up capacity		Motor			Pressure range		Solution container		Dimension (in / cm)				Approx. weight	
	gpm@PSI	l/m@kPa	HP	kW	Voltage	PSI	kPa	gal	L	A	B	lbs	kg		
GMP13050	1.8@70	6.8@482	1/3	0.2	120V 1ph 60Hz	10-70	69-482	50	189	28	71	42	107	90	41
GMP13100			1/3	0.2				100	378	28	71	67	170	105	47
GMP15050			1/2	0.4				50	189	28	71	42	107	95	43
GMP15100			1/2	0.4				100	378	28	71	67	170	110	49



DUPLEX GMP

The duplex GMP unit is designed to automatically service two distinct closed loop hydronic heating networks. This GMP Series is available with a 50 or 100 gallon tank and two 1/3 or 1/2 HP booster pump with a magnetic starter. Through two pressure regulators (PRV), the pumps maintain the pre-set pressure in both loops from 10 to 70 PSI.

Model #	Make-up capacity		Motor			Pressure range		Solution container		Dimension (in / cm)				Approx. weight	
	gpm@PSI	l/m@kPa	HP	kW	Voltage	PSI	kPa	gal	L	A	B	lbs	kg		
GMPD23050	1.8@70	6.8@482	1/3	0.2	120V 1ph 60Hz	10-70	69-482	50	189	28	71	55	140	153	69
GMPD23100			1/3	0.2				100	378	28	71	78	198	166	75
GMPD25050			1/2	0.4				50	189	28	71	55	140	153	69
GMPD25100			1/2	0.4				100	378	28	71	78	198	166	75



TWIN GMP

The twin GMP unit is designed for paired closed loop hydronic heating networks. This GMP Series is available with a 50 or 100 gallon tank and two 1/3 or 1/2 HP booster pumps with two magnetic starters. Through one pressure regulator (PRV), the pumps maintain the pre-set pressure in the loop from 10 to 70 PSI. Alternation is conducted in the control panel where an alternator and two magnetic starters are installed.

Model #	Make-up capacity		Motor			Pressure range		Solution container		Dimension (in / cm)				Approx. weight	
	gpm@PSI	l/m@kPa	HP	kW	Voltage	PSI	kPa	gal	L	A	B	lbs	kg		
GMPT33050	1.8@70	6.8@482	1/3	0.2	120V 1ph 60Hz	10-70	69-482	50	189	28	71	55	140	153	69
GMPT33100			1/3	0.2				100	378	28	71	78	198	166	75
GMPT35050			1/2	0.4				50	189	28	71	55	140	153	69
GMPT35100			1/2	0.4				100	378	28	71	78	198	166	75



The information in this document has been based on the most recent data available at the moment of its publication and is designed as a general presentation of our products. The accuracy of this information cannot be guaranteed. Our products are regularly updated and their technical specifications can be modified without prior notice.

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