



SINCE 1908
wessels
 company

SUBMITTAL

GMPT-SERIES

TWIN GLYCOL MAKE-UP PACKAGE

Models: GMPT-33050 thru GMPT-35100

Submittal Sheet No. I-1104B

Date: 4/16

Job Name _____	Submitted By _____	Date _____
Location _____	Approved By _____	Date _____
_____	Order No. _____	Date _____
Engineer _____	Notes _____	
Contractor _____	_____	
Sales Rep. _____	_____	

Description

The twin GMPT unit is designed to automatically supply a pressurized solution, such as glycol and water, to a combined two unit closed loop heating, chilled water, snowmelt, radiant heating, sprinkler, or process control system to ensure minimum system pressure requirements are met. These systems are equipped with two alternating fail-safe motors, pumps, and HOA controls that allow one pump to operate if the other pump malfunctions. These units are also equipped with an adjustable pressure reducing valve (PRV), pressure gauge, and low level alarm that cuts power to the pumps and actuates an audible and visual alarm when solution levels are too low.

Performance Limitations

Maximum Temperature: 160°F
 Factory Discharge Pressure Setting: 12 PSIG
 Maximum Discharge Pressure: 70 PSIG*

*Higher Discharge pressures available.

Available Options

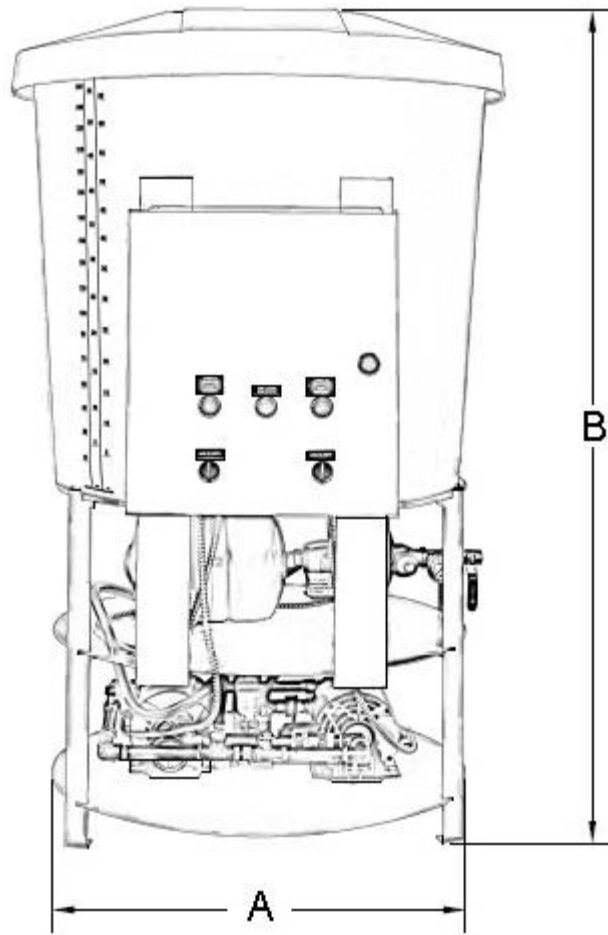
- High level alarm
- Protective skirt

Model Number	Part Number	Tank Volume (Gallons)	Tagging Information	Quantity
GMPT-33050	07103170	50		
GMPT-33100	07103175	100		
GMPT-35050	07103180	50		
GMPT-35100	07103185	100		

Typical Specification

Furnish and install, as indicated on the plans and specifications, a prefabricated, automatic and autonomous twin make-up package capable of producing _____GPM at _____psig to a paired glycol system or to a system where fail-safe redundancy is required. The package shall consist of two paired, 110V, 60Hz powered, autonomous pumping assemblies, a sturdy steel frame, and a graduated polyethylene solution container with removable lid designed to work together to maintain a specific fill pressure in the glycol system(s). The make-up package must feature HOA controls for each magnetic starter, a protective low water cut-off alarm, two alternating _____HP (1/3 or 1/2) motors with brass rotary vane pumps and a fail-safe alternator that allows one pump to operate if the other pump malfunctions, a pressure tank with pressure controls, pressure reducing valves, pressure gauges, and a system isolation valve. A 110V signal shall be available for a remote alarm.

Each glycol make-up package shall be model GMPT - _____ as manufactured by Wessels Company or approved equal.



GMPT-33050 thru GMPT-35100

Dimensions & Weights

Model Number	Dimensions In Inches		HP	Pressure Range (psi)	Make-Up Capacity (gpm @ psi)	Approx Shipping Weight (lbs)
	A	B				
GMPT-33050	28	55	1/3	10-70	1.8 @ 70	153
GMPT-33100		78				166
GMPT-35050		55	1/2			153
GMPT-35100		78				166