

SINCE 1908
wessels
 company

SUBMITTAL

GMPT-SERIES
 TWIN GLYCOL MAKE-UP PACKAGE

Models: GMPT-33050 to GMPT-35100
 Submittal Sheet No. I-1104B Rev. 2 9/23/2020

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*
 All electrical components are listed UL/CSA
 Standard Starter Panel UL/CSA 60947-4-1
 Optional NEMA 4X Panel UL/CSA LR19791

*Higher discharge pressures available.

Available Options:

- High level alarm
- Protective skirt

MODEL NUMBER	PART NUMBER	TANK VOLUME (GAL)	TAGGING INFORMATION	QUANTITY
GMPT-33050	07103170	50		
GMPT-33100	07103175	100		
GMPT-35050	07103180	50		
GMPT-35100	07103185	100		

Typical Specification:

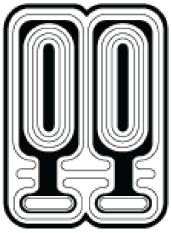
Furnish and install, as indicated on the plans and specifications, a prefabricated, automatic and autonomous twin make-up package capable of producing _____GPM at _____psig to a paired glycol system or to a system where fail-safe redundancy is required. The package shall consist of two paired, 110V, 60 Hz 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 makeup 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.



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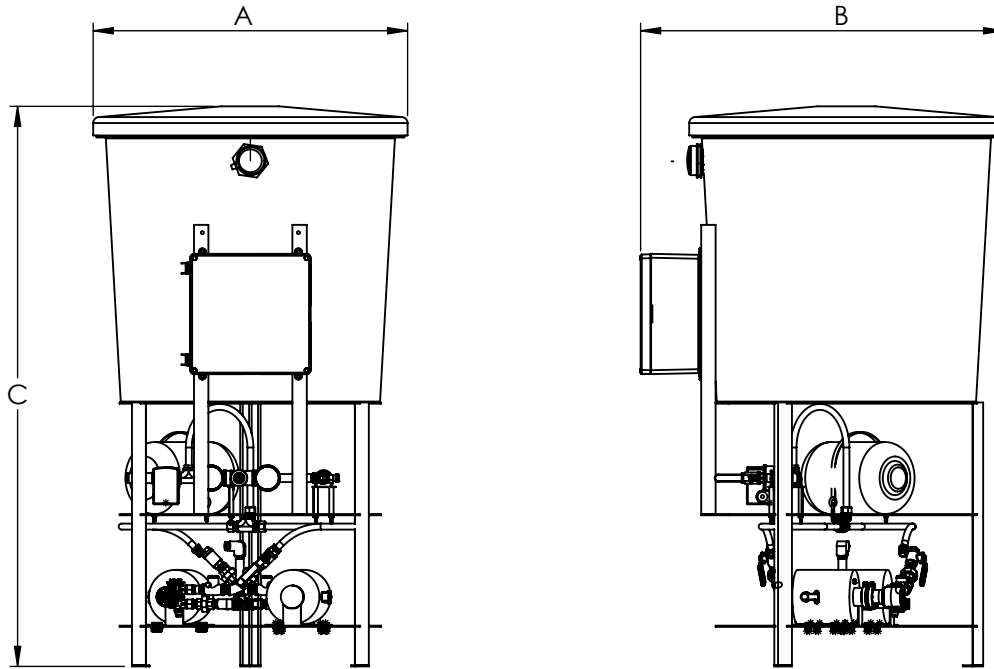
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Dimensions & Weights:

Model Number	Dimensions in Inches			HP	Pressure Range (psi)	Make-Up Capacity (gpm @ psi)	Approx. Shipping Weight (lbs)
	A	B	C				
GMPT-33050	34	40	56	1/3	10-70	1.8 @ 70	236
GMPT-33100			80				226
GMPT-35050			56	1/2			240
GMPT-35100			80				230



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