

SINCE 1908
wessels
 company

SUBMITTAL

GMPD-HD-SERIES
 DUPLEX GLYCOL MAKE-UP PACKAGE

Models: GMPD-23050HP to GMPD-25100HP
 Submittal Sheet No. I-1103C Rev. 1 4/20/2020

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

Description:

The duplex GMPD-HP unit is designed to automatically supply a pressurized solution, such as glycol and water, to two separate closed loop heating, chilled water, snowmelt, radiant heating, sprinkler, or process control systems to ensure minimum system pressure requirements are met. These systems are equipped with two automatic pumping assemblies each fitted with HOA controls, an adjustable pressure reducing valve (PRV), pressure gauge, and a 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: 115 PSIG*

Available Options:

- High level alarm
- Protective skirt
- LVM25 Hand/Off/Auto Switch Building Automation Monitor

MODEL NUMBER	PART NUMBER	TANK VOLUME (GAL)	TAGGING INFORMATION	QUANTITY
GMPD-23050-HP	07103152	50		
GMPD-23100-HP	07103155	100		
GMPD-25050-HP	07103160	50		
GMPD-25100-HP	07103165	100		

Typical Specification:

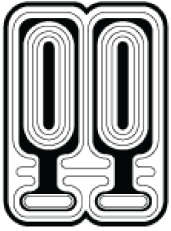
Furnish and install, as indicated on the plans and specifications, a prefabricated, automatic and autonomous duplex make-up package capable of producing _____ GPM at _____ psig to two distinct glycol systems. The package shall consist of two independent 110V, 60Hz powered autonomous pumping assemblies, a sturdy steel frame, and a graduated polyethylene solution container with removable lid designed to work together to maintain specific fill pressures in each independent glycol system. The make-up package must feature a protective low water cut-off alarm, HOA controls, _____ HP (1/3 or 1/2) motors with brass rotary vane pumps, magnetic starters, pressure tanks with pressure controls, pressure reducing valves, pressure gauges, and system isolation valves. A 110V signal shall be available for a remote alarm.

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



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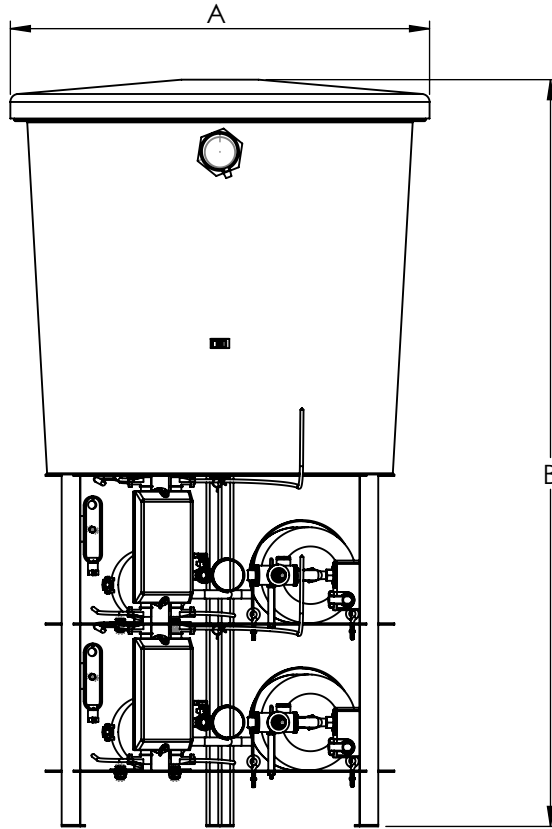


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Dimensions & Weights:

Model Number	Dimensions in Inches		HP	Pressure Range (psi)	Make-Up Capacity (gpm @ psi)	Approx. Shipping Weight (lbs)
	A	B				
GMPD-23050-HP	28	55	1/3	80-115	1.2 @ 115	153
GMPD-23100-HP		78				166
GMPD-25050-HP		55	1/2			153
GMPD-25100-HP		78				166



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