



## Submittal Data *Geo-Prime Tank*™



Project Name:  
Contractor:  
Engineer:  
Order Number:  
Additional Information:

### Description

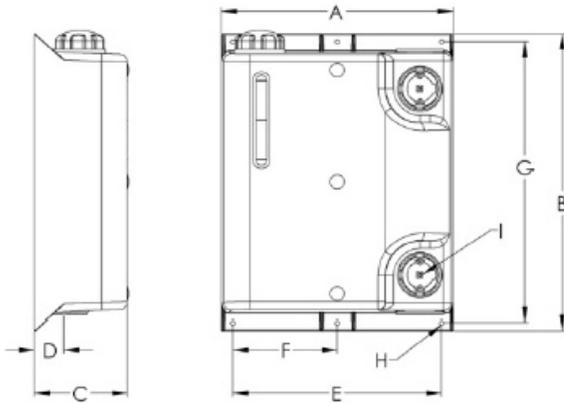
The *Geo-Prime Tank* is designed to provide the necessary suction pressure for a flow center circulator pump via a standing column of fluid. The *Geo-Prime Tank* also performs air-elimination and functions as an expansion tank. The product includes two valves for isolating the fluid reservoir during flushing of the ground loop system. The sealing cap provides pressure and vacuum relief.

### Specifications and Dimensions

Cabinet: High Impact Polystyrene  
Tank/Interior plumbing: High Density Polyethylene (HDPE)  
Valves: Engineered composite plastic with stainless steel hardware and nitrile (NBR) seals  
Insulation: CFC-free, polyurethane foam

### Approved Antifreeze

Ethanol  
Methanol  
Propylene Glycol



Max. Fluid Temp.: 120°F [49°C]  
Max. Pressure: 3.5 psig [24.1 kPa]

#### Tank Volume

Gallons	Liters
2.5	9.5

	A	B	C	D	E	F	G	H	I	Weight	
Inches	15-1/4	19-1/2	6-1/8	2	13-3/4	6-7/8	18-1/2	1/4	3/8" Drive Socket	LBS	KG
CM	38.8	49.5	15.6	5.1	35.0	17.5	47.0	0.6		10	4.5

Fluid Connections: Flo-Link Style Female Valve Ports

(1) Flo-Link Valve Adapter is included to allow connection to a Flo-Link flow center. Alternative Flo-Link connections should be specified separately if required.

All dimensions and weight are approximate.

### Installation

The *Geo-Prime Tank* must be mounted above the pump or flow center at a sufficient height (refer to I.O.M.) to ensure the required suction pressure of the circulator pump. It is critical for the *Geo-Prime Tank* to be plumbed into the suction side of the pump or flow center. **IMPORTANT: The pressure relief setting for the Geo-Prime cap is 3.5 to 5.0 psig. Piping must be no higher than 8 feet [2.4m] above the top of the tank for proper operation.**



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