



Submittal Data

NP^V non-pressurized flow center, variable speed pump



Project Name:

Contractor:

Engineer:

Order Number:

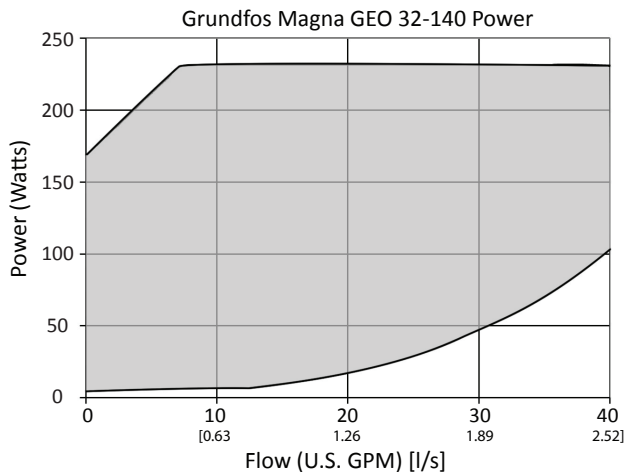
Additional Information:

Technical Data

Circulator:	Grundfos Magna GEO 32-140 (variable speed--requires controller)	Max. fluid temp.: 140°F [60°C]
Cabinet:	Powder coated galvanized steel	Min. fluid temp.: 14°F [-10°C]
Tank:	Polyvinyl chloride (PVC)	Max. operating press.: 13 psig [89.6 kPa]
Insulation:	CFC-free polyurethane foam	Max. ambient air temp.: 104°F [40°C]
Valves:	1", 3-way, 4-position flushing and isolation/service valve, composite valve body and spool, NBR seals, stainless steel retaining ring	Max. ambient relative humidity: 80%

Electrical and Power Data

Motor: 208-230V, 50/60 Hz, single phase, 2-pole, ETL_{C/US} approved (meets UL and CSA requirements), electronically protected, insulation class F, 0.09 to 1.7 Amps (at 230V)



NOTES: The Magna GEO (variable speed) pump adjusts speed (when used with controller) to maintain flow rate or temperature difference. For Watts based upon a specific flow rate and pressure drop, go to www.geo-flo.com, and use the pump sizing calculator.

Approved Antifreeze

Propylene Glycol
Methanol
Ethanol

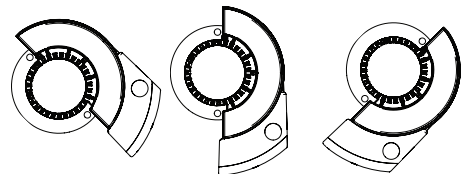
Mounting

Flow center is designed for indoor installation only.

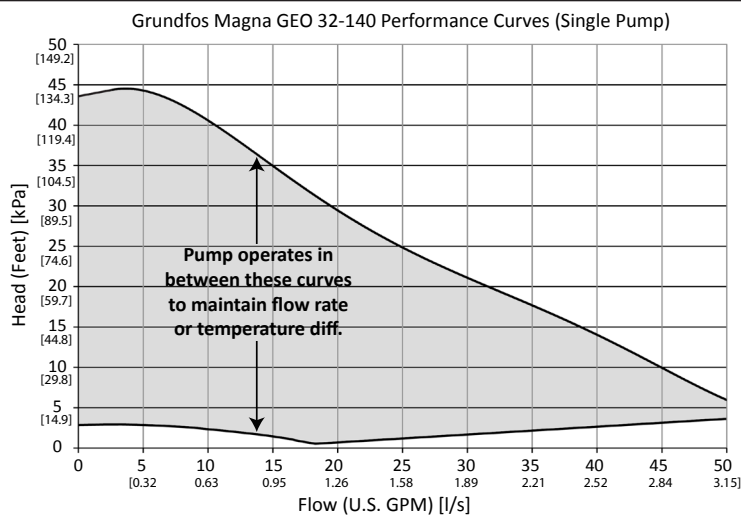
Flow center must be installed in an upright position as shown to the right.



The pump terminal box should be located in one of the following orientations:



Pump Performance Curves



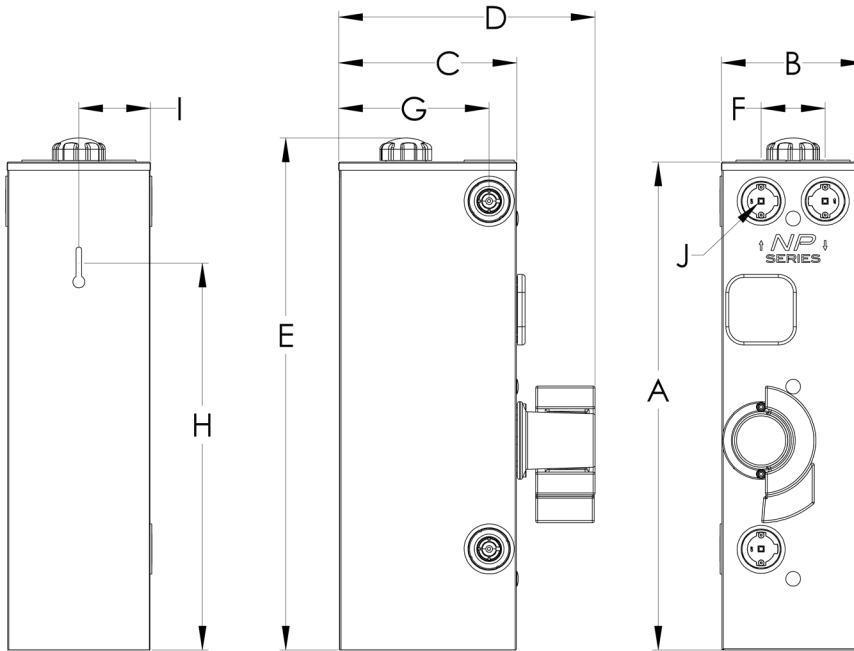
Curves are manufacturer's reported averages using water at 68°F [20°C].



GEO-FLO PRODUCTS CORPORATION
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Bedford, IN 47421 U.S.A.
PH: 812-275-8513; FAX: 812-275-8523
www.geo-flo.com

Dimensional Data

	A	B	C	D	E	F	G	H	I	J*	WEIGHT	
Inches	30-1/2	9	11-1/8	16	32	4	9-3/8	24-1/8	4-1/2	3/8" DRIVE SOCKET	LBS	KG
CM	77.4	22.8	28.3	40.7	81.1	10.2	23.9	61.4	11.4		51.0	23.1



*Requires two Flo-Link™ (double O-ring) transition fittings. Typically, PE fusion or PVC glue fittings are used for the ground loop; a hose kit or PVC glue fitting is used for the heat pump connection.

Flow center may be upgraded to a two pump flow center by removing the blank plate, and adding a second constant speed pump (UPS26-99).

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