



Submittal Data

NP¹ non-pressurized flow center, single pump



Project Name:

Contractor:

Engineer:

Order Number:

Additional Information:

Technical Data

Circulator:	Grundfos UPS26-99 (3 speed) or UP26-116 (single speed)	Max. fluid temp.: 140°F [60°C]
Cabinet:	Powder coated galvanized steel	Min. fluid temp.: 20°F [-7°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	

Electrical Data

Motor: 230V, 60 Hz, single phase, 2-pole, UL and CSA approved, internal thermal overload protection, insulation class F

Part Number	Pump Motor	Speed	Nominal HP	Volts	Amps	Watts	Capacitor	Pump Housing (Volute)
1271	UPS26-99	High	1/6	230	0.9	196	5µF/400V	Cast Iron
		Medium			0.8	179		
		Low			0.7	150		
1273	UP26-116	--	1/6	230	1.8	385	2.5µF/380V	Cast Iron

Approved Antifreeze

Propylene Glycol
Methanol
Ethanol

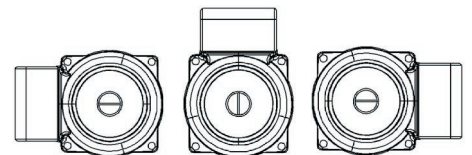
Mounting

Flow center is designed for indoor installation only.

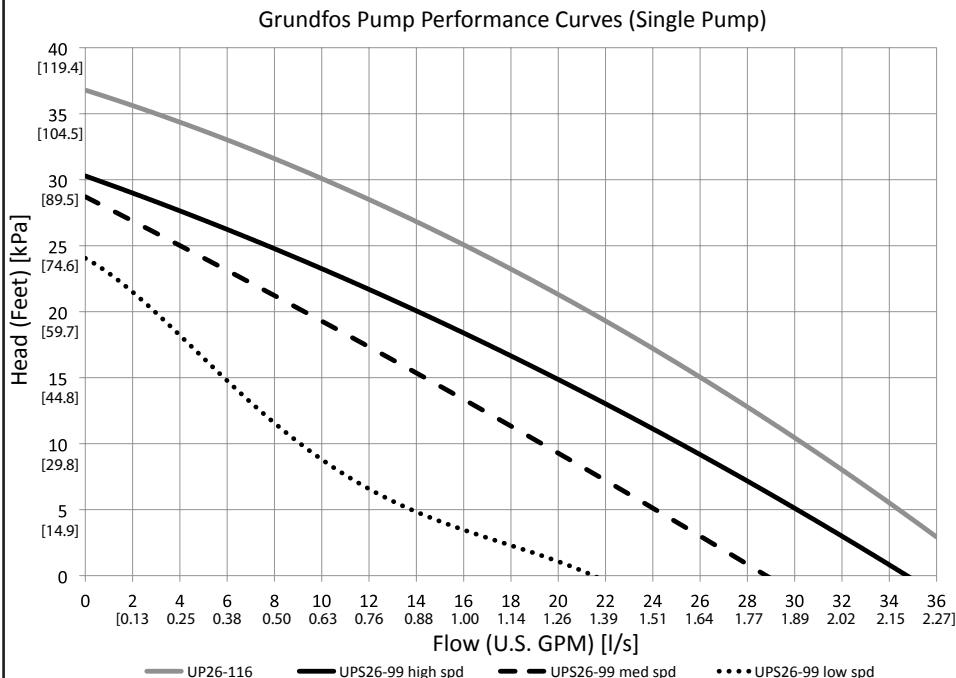
Flow center must be installed in an upright position as shown to the right.



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].

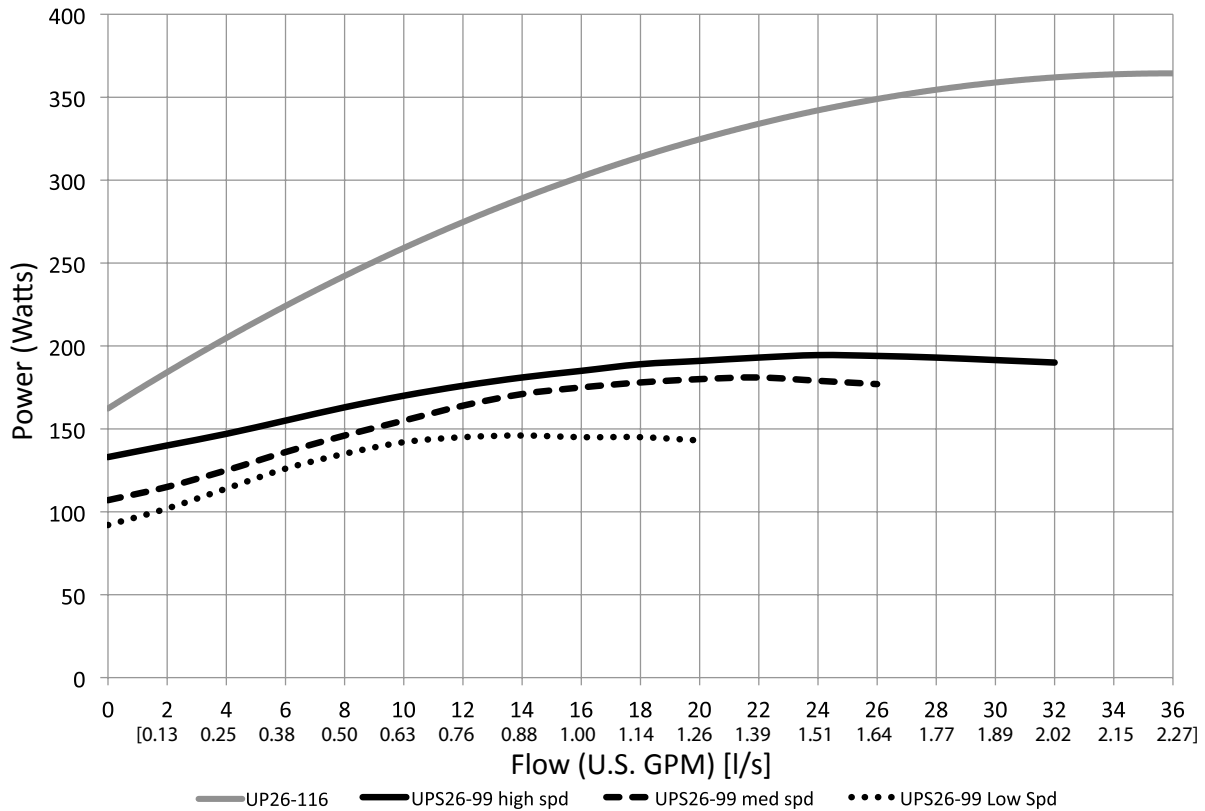


GEO-FLO PRODUCTS CORPORATION
905 Williams Park Drive
Bedford, IN 47421 U.S.A.
PH: 812-275-8513; FAX: 812-275-8523
www.geo-flo.com

SD 1271/1273 rev. 02JAN2013

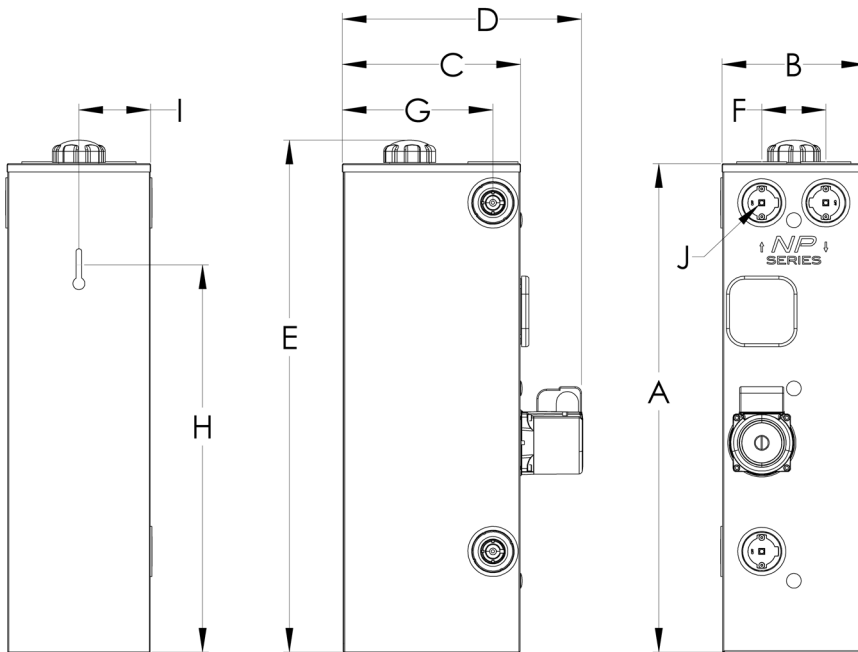
Pump Power Curves

Grundfos Power Curves (Single Pump)



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		54.0	24.5



*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 pump.



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