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## Submittal Data

### GPM-3 and GPM-4 Foam Insulated Flow Centers



Project Name:

Contractor:

Engineer:

Order Number:

Additional Information:

## Technical Data

Circulator(s): Grundfos Series UPS26-99 (3-speed) or UP26-116  
 Cabinet: Powder-coated steel  
 Insulation: CFC-free, polyurethane foam  
 Valves: 1" Full-port, 3-Way, 4-Position flushing and service valve, C37700 brass body, C36000 brass spool, NBR seals, stainless steel retaining ring

Max. Fluid Temperature: 140°F [60°C]  
 Min. Fluid Temperature: 20°F [-7°C]  
 Max. Operating Pressure: 145 psi [1 MPa]  
 Min. Operating Pressure: 1.3 psi [9 kPa]  
 Max. Ambient Air Temp: 104°F [40°C]

## Electrical Data

Motor: 208-230 V or 115 V, 60 Hz, single phase, 2-pole, UL and CSA approved, internal thermal overload protection, insulation class F

GPM-3 (3 pump)	GPM-4 (4 pump)	Pump Motor	Speed	Nom. HP	Volts	Amps*	Watts*	Capacitor	Pump Housing (Volute)
1229	1230	UPS26-99 1x230V	High	1/6	208-230	0.9	196	5 µF400V	Cast Iron
			Medium			0.8	179		
			Low			0.7	150		
1233	1234	UPS26-99 1x115V	High**	1/6	115	1.8	197	20µF/180V	Cast Iron
1231	1232	UP26-116 1x230V	--		208-230	1.8	385	2.5 µF/380V	
1235	1236	UP26-116 1x230V	--		208-230	1.8	385	2.5 µF/380V	

\*Data is maximum per pump. Amps and Watts are at 230V for dual rated (208-230V) pumps.

\*\*On med. spd., 115V pump is 1.5A / 179W; on low spd., 115V pump is 1.3A / 150W.

## Approved Antifreeze

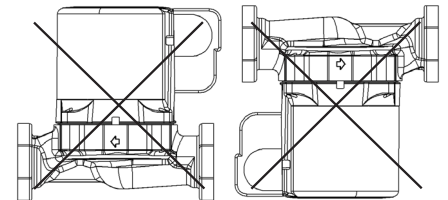
Ethanol  
 Methanol  
 Propylene Glycol

## Mounting

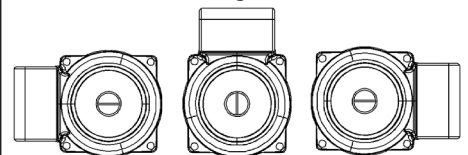
Flow Center can be installed in both horizontal and vertical lines.

Flow Center must be installed with the pump's motor shaft horizontal.

Do not install Flow Center with the pump's motor shaft vertical.

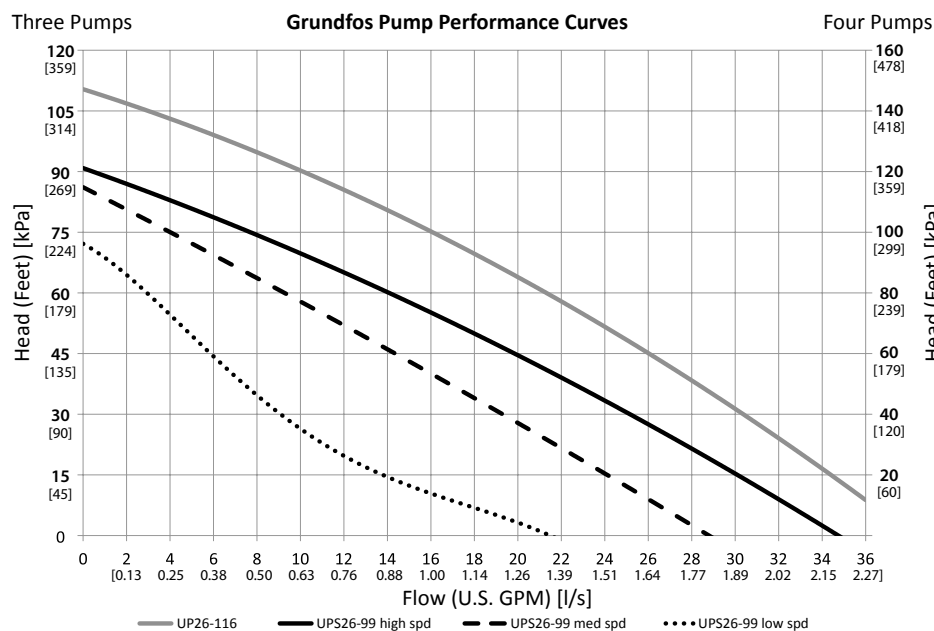


The terminal box should be located in one of the following orientations:



Flow Center should be mounted indoors only.

## Pump Performance Curves

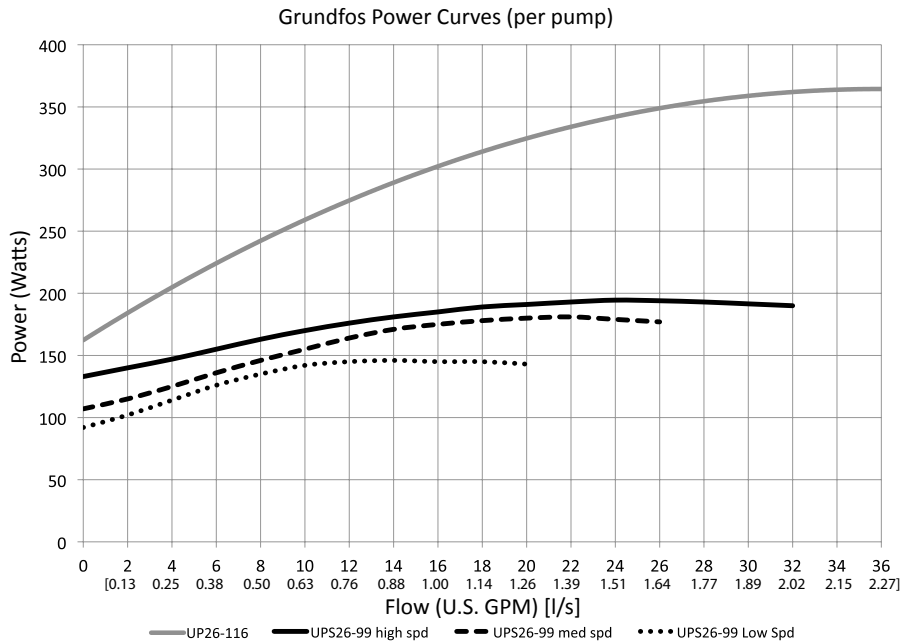


Curves are manufacturer's reported averages using water at 68°F [20°C].



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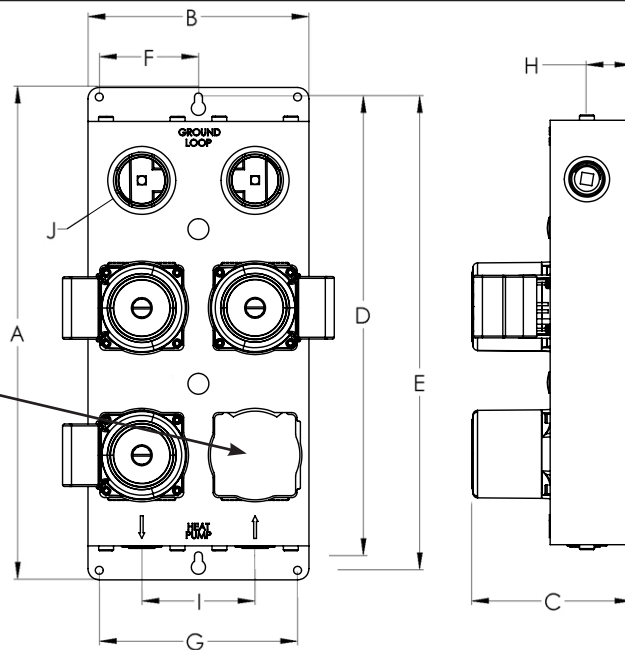
# Pump Power Curves



## Dimensional Data: GPM-3 and GPM-4 Foam Insulated Flow Center

NOTE: GPM-3 shown to the right.  
GPM-4 has the same dimensions.

GPM-4 has 4th pump mounted here.



	A	B	C	D	E	F	G	H	I	J	WEIGHT*	
Inches**	21-3/4	9-3/4	7	20-1/4	20-7/8	4-3/8	8-3/4	2	5	3/8" DRIVE SOCKET	LBS	KG
CM**	55.2	24.8	17.8	51.4	53	11.1	22.2	5.1	12.7		3-pump: 55	3-pump: 25
											4-pump: 60	4-pump: 27

Fluid connections are 1" NPT (female).

GPM-3 can be field upgraded to a GPM-4 by replacing the blank plate with a second pump motor. GPM-4 can be changed to GPM-3 by removing the fourth pump, and installing a blank plate.

Includes: (2) 1/4" X 2-1/2" long hex head lag screws  
(4) #10 X 3/4" slotted hex head sheet metal screws

\*For stainless steel volutes, add 3.2 lbs [1.5 kg].

\*\*Dimensional data provided for information purposes, and is rounded to the nearest 1/16".

Metric data is a simple conversion of imperial data, and should not be considered more accurate.

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