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## Submittal Data

### GPM-1 and GPM-2 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: ABS plastic  
 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: 208-230V or 115V, 60 Hz, single phase, 2-pole, UL and CSA approved, internal thermal overload protection, insulation class F

## 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.

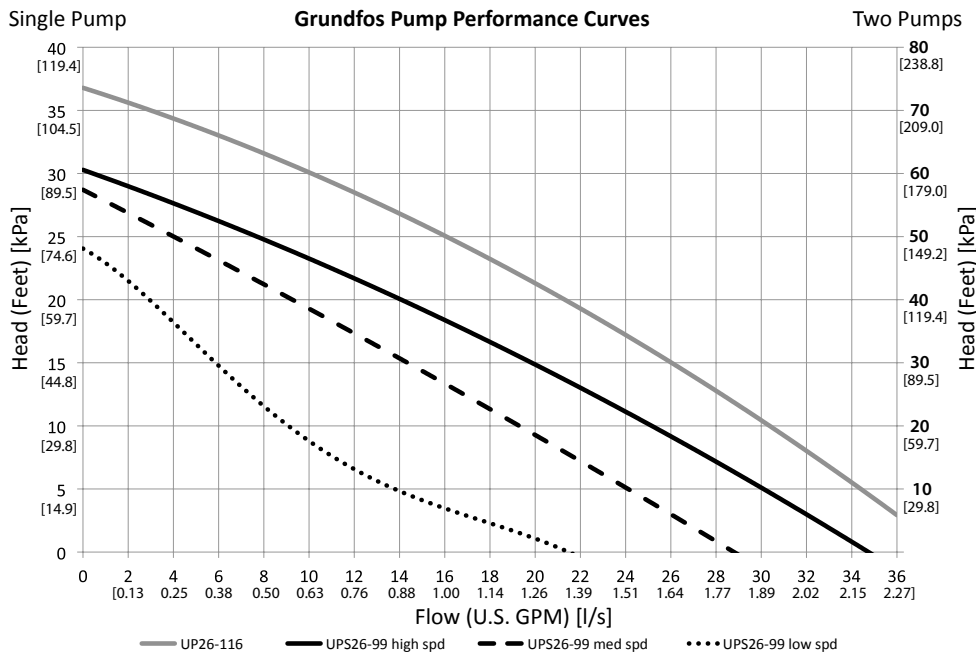
Single Pump	Double Pump	Pump Motor	Speed	Nom. HP	Volts	Amps*	Watts*	Capacitor	Pump Housing (Volute)
1027	1028	UPS26-99 1x230V	High	1/6	208-230	0.9	196	5 µF400V	Cast Iron***
			Medium			0.8	179		
			Low			0.7	150		
1033	1031	UPS26-99 1x115V	High**		115	1.8	197	20µF/180V	
1055	1056	UP26-116 1x230V	--		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.

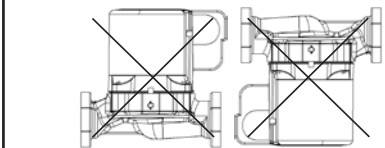
\*\* On med. spd., 115V pump is 1.5 A / 179W; on low spd., 115V pump is 1.3A / 150W.

\*\*\* Stainless steel volute is available with UP26-116 pumps. Change part # 1055 to 1077; change part # 1056 to 1076.

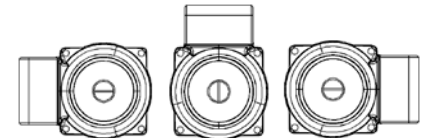
## Pump Performance Curves



Curves are manufacturer's reported averages using water at 68° F.



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

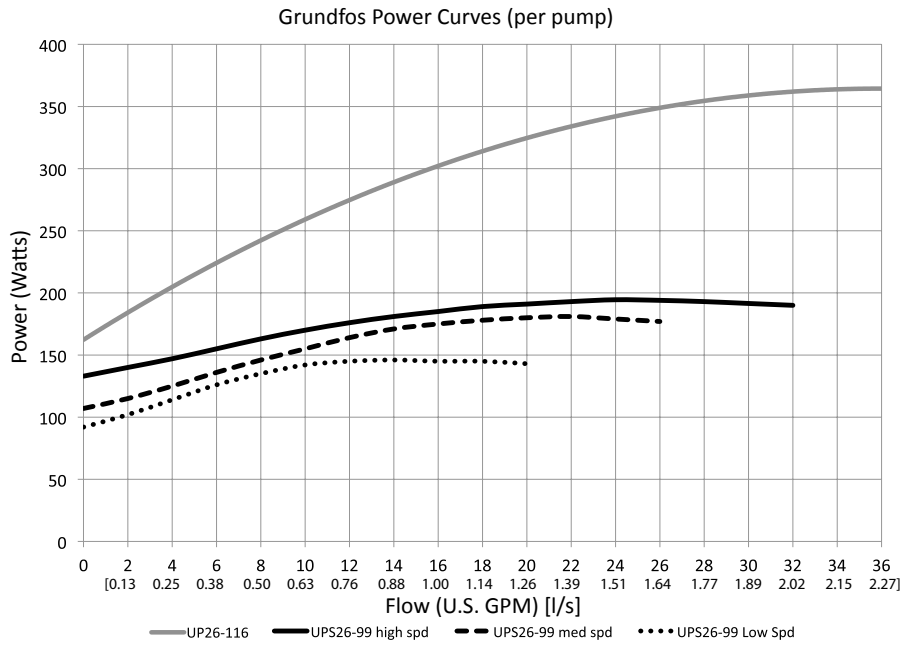


Flow Center should be mounted indoors only.

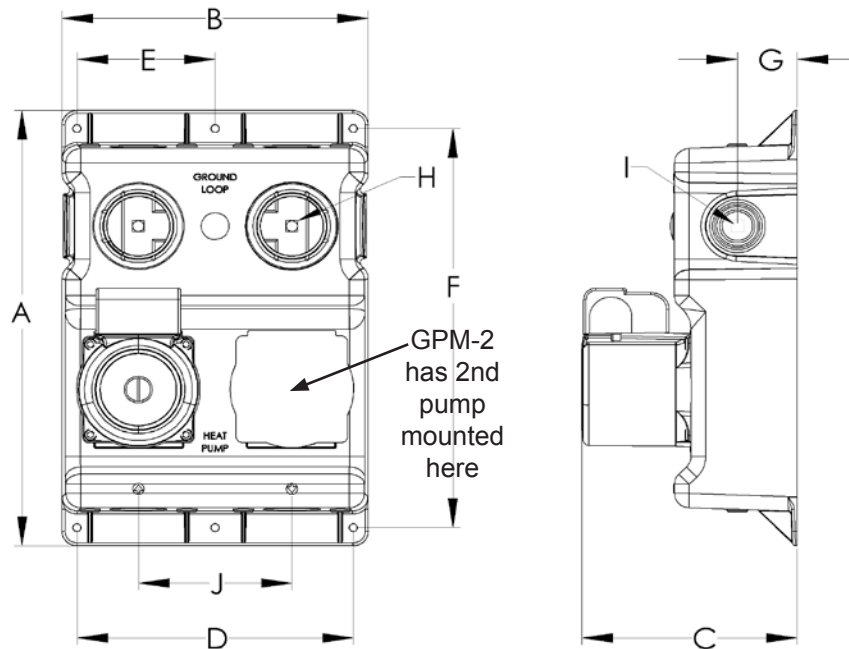


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# Pump Power Curves



## Dimensional Data: GPM-1 and GPM-2 Foam Insulated Flow Center



	A	B	C	D	E	F	G	H	I	J	WEIGHT - CAST IRON*	
Inches	15	10	7	9	4-1/2	13-3/4	2	3/8" DRIVE SOCKET	1/2" DRIVE SOCKET	5	LBS	KG
CM**	38.1	25.4	17.8	22.9	11.4	34.9	5.1				12.7	Single: 32.4
											Double: 37.8	Double: 17.2

Fluid connections are 1" NPT (female).

GPM-1 can be field upgraded to a GPM-2 by replacing the blank plate with a second pump motor. GPM-2 can be changed to GPM-1 by removing the second 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 1.6 lbs [0.7 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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