



Submittal Data Information

101-169

Viridian High Efficiency Circulator

Effective: August 21, 2014

Supersedes: NEW

Job: _____ Engineer: _____ Contractor: _____ Rep: _____

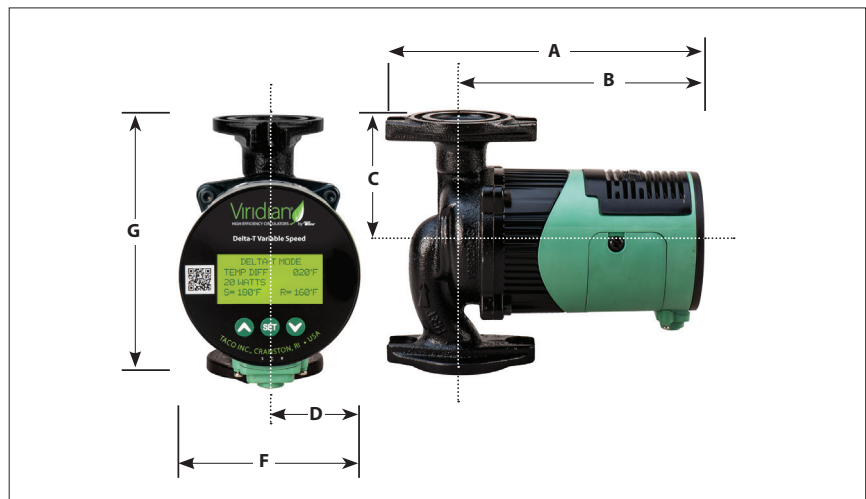
ITEM NO.	MODEL NO.	

Specifications

- Maximum Shutoff Head: 22 feet
- Maximum Flow: 18 gpm
- Maximum Operating Pressure: 125 psi (862 kPa)
- Maximum Water Temp: 230°F (110°C)
- Electrical specifications:
 - Voltage: 110-120V, 50/60 Hz, Single phase
 - Operating Power Range: 9W to 58W
 - Maximum AMP Rating: 0.67
- Equipped with a cast iron casing and should be used for closed loop systems only.
- Taco circulator pumps are for indoor use only
- Acceptable for use with water or maximum of 50% water/glycol solution.

Applications

The VT2218 is a temperature sensing, variable speed circulator ideal for Delta-T or setpoint temperature applications. Typical uses include hydronic systems zoned with zone valves, radiant loops, injection pumping, snow-melt or hydro-air fan coils. Can also be used in constant speed mode for zoning with circulators, indirect water heaters or primary boiler loops.



Materials of Construction:

- Casing: Cast Iron
- Integral Flow Check (IFC*):
 - Body, Plunger.....Acetal
 - O-ring Seal.....EPDM
 - Spring.....Stainless Steel
- Stator Housing:.....Aluminum/Composite
- Cartridge:.....Stainless Steel
- Impeller:.....Non-Metallic
- Shaft:.....Ceramic
- Bearings:.....Ceramic
- O-Ring & Gaskets:.....EPDM

Pump Dimensions & Weights

Model	A		B		C		D		F		G		Ship Wt.	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	Kg
VT2218F	8-1/8	207	6	153	3-1/4	82	2	54	4-1/4	107	6-3/8	161	7-3/4	3.52

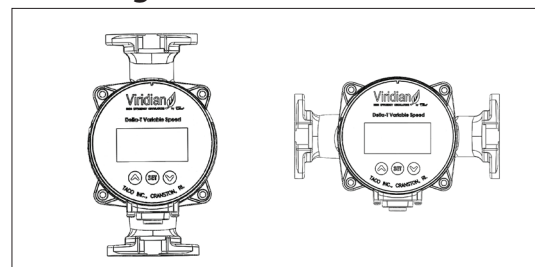
Electrical Data

Model	Volts	Hz	Ph	Max.Amps	RPM
VT2218F	110/120	50/60	1	.67	1650 - 4200
Motor Type	ECM, Permanent Magnet, Electronically Protected				

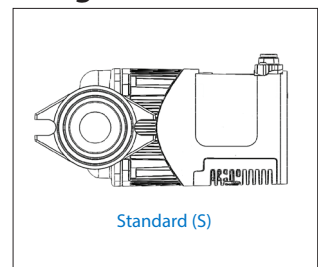
Maximum Watts

Speed 1	Speed 2	Speed 3	Speed 4
9	24	40	58

Mounting Positions



Flange Orientation



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