



# Submittal Data Information

101-169

## 00e™ Series VT2218

Effective: September 16, 2015

Supersedes: August 12, 2015

Job: \_\_\_\_\_ Engineer: \_\_\_\_\_ Contractor: \_\_\_\_\_ Rep: \_\_\_\_\_

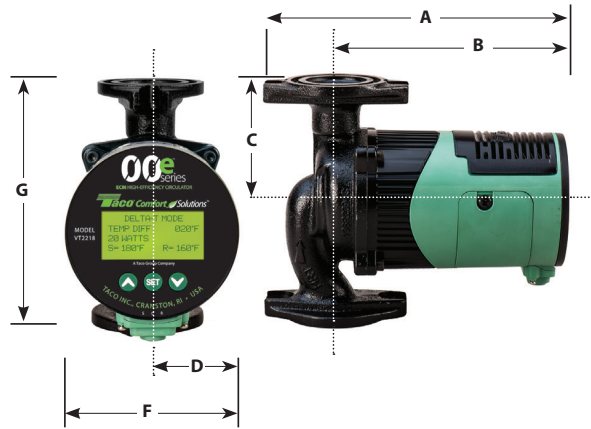
ITEM NO.	MODEL NO.	

### Specifications

- Maximum Shut-off Head: 22 feet
- Maximum Flow: 18 gpm
- Maximum Operating Pressure: 125 psi (862 kPa)
- Maximum Water Temp: 230°F (110°C)
- Minimum Water Temp: 36°F (2°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, high-efficiency wet rotor circulator with an ECM permanent magnet motor. It's ideal for Delta-T or setpoint temperature applications. Typical uses include hydronic systems zoned with zone valves, radiant loops, injection pumping, snowmelt 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
- Stator Housing: .....Aluminum/Composite
- Cartridge: .....Stainless Steel
- Impeller: .....Non-Metallic
- Shaft: .....Ceramic
- Bearings: .....Ceramic
- O-Ring & Gaskets: .....EPDM
- Integral Flow Check (IFC®):
  - Body, Plunger .....Acetal
  - O-ring Seal .....EPDM
  - Spring .....Stainless Steel

### Pump Dimensions & Weights

Model	Flange Code	A		B		C		D		F		G		Ship Wt.	
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	Kg
VT2218F	S	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
VT2218F/4	U	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

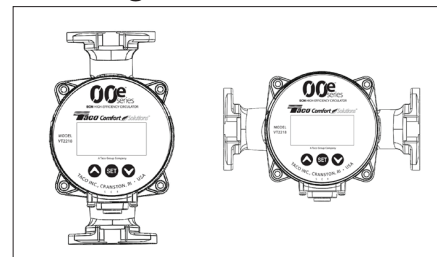
### Electrical Data

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

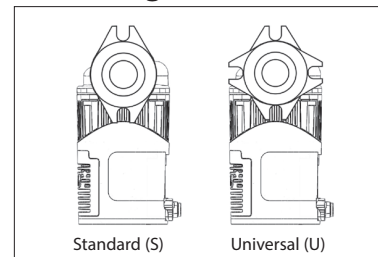
### Maximum Watts

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

### Mounting Positions



### Flange Orientation



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