



Viridian® VT2218 circulator is a temperature sensing, self-adjusting, variable speed wet rotor circulator with an ECM permanent magnet motor. Operating modes include Delta-T differential temperature, 4 fixed speeds, set point heat, set point cool and boiler protection.

- Δ -T operation can save hundreds in fuel costs
- The only temperature-sensing pump in its class
- High-efficiency ECM motor uses up to 85% less electricity
- 5 operating modes for maximum application flexibility
- Big, bright LCD screen
- Innovative BIO Barrier® protects the pump from system contaminants



Viridian® VR1816 circulator is an infinitely variable speed, high efficiency wet rotor circulator with an ECM permanent magnet motor. Operating modes include infinitely variable fixed speed and self-adjusting constant pressure or proportional pressure variable speed.

- High-efficiency ECM motor uses up to 85% less electricity
- Infinitely variable speed settings to fine tune flow for any system
- Six pressure presets to fit the job
- 5 color LED displays
 - operating mode
 - error code diagnostics
- *Sure Start* automatic unblocking and air purging mode



Viridian® VR3452 is a high efficiency wet rotor circulator for chilled and hot water applications. Settings easily managed with a user-friendly interface. The permanent magnet ECM motor saves up to 85% of the electrical energy compared to conventional pumps.

- High-efficiency ECM motor uses up to 85% less electricity
- Auto mode (default)
- Proportional pressure control
- Constant pressure control
- Constant speed
- Night setback turndown
- Communication module (optional)

NOTE: All pumps are also available with 50Hz or 60Hz motors