



724-864-5959

Model Number	Max Current Draw	Fwd/Rev Button	Run/Stop Button	PCB Enclosed	Input VDC Range	Cycle Timing	Digital Display	Connection Type	0 - 5 VDC Analog Input	Wireless Remote	Speed Control
VFC3	3 Amp	No	No	Yes	6 - 35	No	No	Wire Leads	No	No	Pot
VFC5DI	5 Amp	No	Yes	Yes	12 - 24	No	Yes	Terminal Strip	No	No	Buttons
VFCR	10 Amp	No	No	No	6 - 90	No	No	Terminal Strip	Yes	No	Pot
VFC10ADX	10 Amp	No	No	Yes	6 - 90	No	No	Wire Leads	Special Order	No	Pot
VFC20P	20 Amp	No	Yes	Yes	6 - 60	No	Yes	Terminal Strip	No	No	Buttons
VFC20PDX	20 Amp	No	Yes	Yes	6 - 60	No	Yes	Wire Leads	No	No	Buttons
VFC20PCT	20 Amp	No	Yes	Yes	12 - 48	Yes	Yes	Terminal Strip	No	Yes	Buttons
VFC30PCT	30 Amp	Yes	Yes	Yes	10 - 55	Yes	Yes	Terminal Strip	No	Yes	Buttons
VFC40PCT	40 Amp	Yes	Yes	Yes	10 - 55	Yes	Yes	Terminal Strip	No	No	Buttons

Things to consider when choosing a Variable Flow Controller (VFC) that uses PWM technology (all listed above use PWM)

1. The VFC input voltage should match the rated voltage of the brushed motor. Brushless motors are not compatible with these controllers.
2. The controllers vary the speed (rpm) of most any brushed motor. When used with a pump, the VFC will vary the flow rate.
3. The most important factor when choosing a VFC is to choose one with a higher current rating than the current rating of the motor/pump. Higher is fine but never lower. For example, all of the VFCs listed above will work fine with a motor/pump that is rated for 1.5 amps
4. What is cycle timing? A cycle timer can be programmed to set the precise amount of time the motor/pump is "on" and the amount of time it is "off". This combination of on and off time is considered a cycle. Once the cycle is programmed, the total number of cycles can also be programmed. These cycles will loop unattended until the set number of cycles complete. The 3 cycle timers listed above function slightly different on how a cycle is defined and the maximum number of cycles that can be programmed. Please refer to the instruction links on each product page.
5. All VFCs listed above will give you basic speed/flow control. Model numbers that contain the letter "P" are programmable. Typical parameters that can be programmed vary by model and generally include minimum/maximum speed/flow, acceleration/deceleration, and total run time. Cycle timers have 2 modes, manual (functions as a simple VFC) and automatic (functions as a sophisticated cycle timer).