



The PSM VariFlow fan control module is the only high performance variable speed fan controller available in the aftermarket. This breakthrough technology will greatly improve the performance of your car and cooling system. The patented module is suitable for any fan with up to 25 Amps of continuous current draw (75 Amp peak).

Key Advantages:

- Utilizes exact amount of fan speed needed to keep engine temperature constant
- Improves engine performance consistency
- Extremely quiet and efficient operation
- Easiest control to install and sets up perfectly
- Increases life of fan motor significantly
- Increases the life of engine, electrical, and cooling systems
- "Out of the box" operation or customizable to your specific needs
- Highly reliable design will sustain many, many years of consistent performance

Once you've experienced the VariFlow, you will never go back to a relay type controls again.

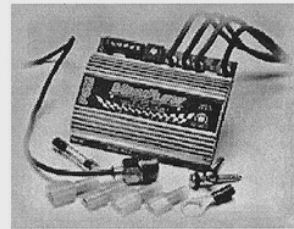
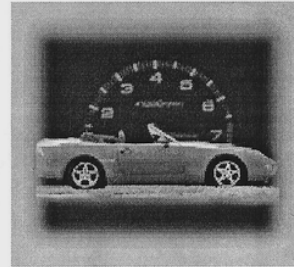
30-day money back gaurantee!

Ordering the VariFlow is easy and now available on-line. Just go to the [Order Page](#).

- **Utilizes exact amount of fan speed needed to keep engine temperature constant**

The VariFlow measures the temperature of the water and adjusts the fan speed to ensure a constant water temperature enters the engine. Changes in the heat generated by the engine are detected continuously and slight adjustments are made to the fan speed. This closed loop measure/adjust system offers a completely logical approach to a problem that renders relays obsolete.

- **Improves engine performance consistency**



Enter Flash

If the above animation is moving, click enter to view the Flash site. (requires Macromedia Flash 4 Plug-In)

The Flash site is compatible with AOL and Internet Explorer browsers. It is not compatible with the Netscape browser at this time.

Stablized engine temperature will provide you with an engine that performs much more consistently. As things heat up and cool down, the individual engine parts change shape. Slightly yes, but enough to change the way your engine performs for sure. Maintaining temperature across the engine greatly reduces the number of variables that add up to performance variations. Quarter mile times begin to make sense, reducing the engine's performance variation due to temperature differences.

- **Extremely quiet and efficient operation**

You wanted a big fan to cool that monster engine and it seems that it comes on at the most inappropriate times. It doesn't just come on, it wails! The VariFlow runs so much quieter because it doesn't just turn on and turn off. It adds a touch of elegance to a function that a relay tries to brute force. If you need the cooling the VariFlow will make that fan wail, too. But most of the time it finds a nice steady, quiet pace that holds the engine perfectly stable. This is an great advantage to the electrical system, as well. Your fan will produce 80% of it's achievable cfm output at about 50% of the full current draw and 60% of the max cfm at 30% of the draw. This provides significant savings in total power required to cool the engine. Completely efficient utilization of your alternators resources.

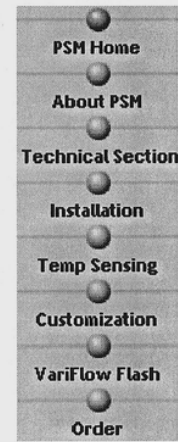
- **Easiest control to install and sets up perfectly**

The VariFlow is about a half hour job to install. Everything you need to install the module, including temp sensor, wiring loom, connectors, fuse, fuse holder - all included! No need to make two or three trips to the hardware store to install this gem.

Once installed, the setup is easy. Run the car at idle, wait for the thermostat to open and the fan will rotate within about 20 seconds. It starts out very slow and builds speed until the temperature set point is reached. Too hot or too cold? Not a problem. Just adjust the set pot clockwise to raise the temp and counter clockwise to lower. Once connected you will surely watch that gauge close to see if this thing works (we're all skeptics). After about two weeks you'll start tapping the gauge to see if it's stuck!

- **Increases life of fan motor significantly**

The VariFlow is, in technical terms, a patented quasi-pulse width modulator. It pulses the voltage to the fan on and off at a rate of about 1000 times per second! We have been able to achieve a controlled current pulse that will increase the life of your cooling fan significantly. Your electric fan motor has a wire winding that carries the current around the armature and enables the fan rotation to begin. When the fan is turned on with a relay, it is like taking a fairly long wire and connecting it from the positive battery terminal to the negative (ouch)! This constricts the wire and eventually causes the winding to work harden and ultimately fail. The VariFlow's control current pulsing limits the amount of current that can run through the winding and therefore increases the life of the fan.



- **Increases the life of engine, electrical, and cooling systems**

The surges in the electrical system, temperature extremes in the cooling system and engine all eventually wear things out. Critical seals, water pumps, alternators, batteries, radiators, just to name a few. It may sound miraculous, but installing a VariFlow will help keep all of these components in much better shape and make them all last longer! A 300 horsepower engine produces as much heat as 2,250 (100 Watt) light bulbs! Taming that beast requires some serious cooling, and the VariFlow can do the job.

- **"Out of the box" operation or customizable to your specific needs**

The VariFlow's simple four wire hookup produces phenomenal results. But if you want to customize the operation, this can be done, as well. An A/C input that runs the fan at 25% minimum speed to cool the condenser. An ignition off input that raises the temp set point by 20 degrees so the fan shuts off when you turn off the key. Or you can leave that one off and the fan ramps down in about 20-30 seconds as the water cools in the radiator. An input to allow the driver in-cockpit adjustment of the temperature set point. And finally, an output from the unit that enables the use of a fan speed indicator so the operator can see just exactly how much headroom he has before the cooling system has reached it's limit.

- **Highly reliable design will sustain many, many years of consistent performance**

We didn't build the VariFlow just to do a lot of neat things without considering the environment that it must perform in. Every effort has been carefully made to ensure that the VariFlow will last and perform for a long, long time. Just follow the directions to install the unit properly and the VariFlow will not need to be replaced - ever! It has been tested in extreme conditions, under water, in high heat, and many different vehicles. We are very pleased with the results and consider it to be the most reliable control on the market today.

Just as a note - I have had people say that there is "No way, this can't be as good as you say!", and then come back to say, "It is rare to find something that works, as advertised." We back our product, and are confident that you will be completely satisfied.

Please, browse around, and if you have any questions that you didn't get answered, contact me at Gerry_Kinder@psm1.com.

