

GEN-II & GEN-IV - The Coolest Technology

Because our exclusive GEN-II™ and GEN-IV™ technology incorporates so many revolutionary ideas and features we get some frequently asked questions from our customers. And, we hear some unfortunate disinformation coming from other “air conditioning sellers”.

Here's what you need to know...

Are the Gen-II Systems really different?

Vintage Air is the only performance air conditioning company that designs and manufactures all of their products with industry standard Pro Engineering CAD/CAM systems. Rather than trial and error or repackaging ten year old product designs, we continually refine existing systems and develop new systems to deliver true climate control such as you would find in the finest production automobiles. In fact, we provide the climate control systems for some of the world's finest supercar makers!

What is the point of using servo motors?

Servo motors are not simply on-off electric switches found in some aftermarket a/c systems. They are variable position solid-state devices used reliably on high-end OEM systems for years. Servo motors in properly designed systems can deliver much greater air-door travel. This allowed us to design from scratch with tremendous volume increases in all three of the Gen-II systems. Conventional vacuum operated air doors simply do not open far enough to flow as much air as the Gen-II's.

Servo's are not cheap. Nor are they just a bolt-in change. That's why other companies have only reluctantly begun offering them, and why they tried for years to discourage customers from wanting a servo system. When combined with our exclusive solid state circuit board controls the Gen-II servo's can give

you the most infinite adjustments for “Just Right Temperatures” in any weather or location.

Can the case design make that much difference?

All you have to do is see the “virtual” flow testing we perform on our engineering computer work stations to understand. We can test, refine, and retest the most minor case design changes or components until we are satisfied that the system is delivering everything it has got - before we even build a prototype! Then we install a system in one of our R&D hot rods and drive it thousands of miles - before you ever buy one for your own hot rod. Just like professional race teams, we know winning is in the smallest details!

Can the Gen-II deliver better defrost too?

One of the important design ideas we learned with our in-house CAD engineering program was how to design for optimum dehumidified defrost mode. Clearing the fog from your windows on a mild, yet humid, day is a snap with the new Gen-II systems.

Do I have to be a computer programmer?

While the new electronic controls and servos are state-of-the-art, the Gen-II systems are actually easier to install than old conventional type systems. No cables to route through the firewall because the heater valve is also servo controlled. No linkages to adjust because the controls are solid state circuit boards. And, you can mount the control panel almost anywhere in the car. Simply plug and play!

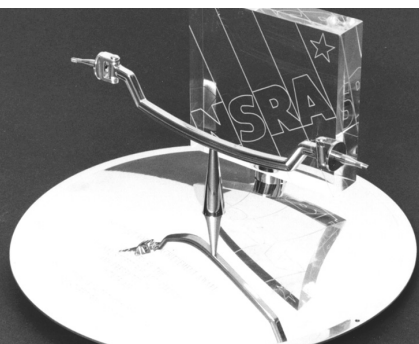
What about high horsepower engines?

The new Gen-II systems do not need engine vacuum. All functions are controlled with electronic servos so your climate control will not be affected even when you're powering up a mountain pass!

Why is the warranty three years?

Since the day we sold our first system back in 1976 we have always gone the “extra mile” to satisfy our customers needs. Ask any Vintage Air owner. The fact is, when installed as directed, Vintage Air systems have less than one tenth of one percent defects! We could offer a longer warranty but our twenty six years of experience tell us that in the very rare times that a part has failed it fails in the first few months of operation. There are thousands more Vintage Air systems on the road today than all other brands combined.

We believe that the most important part of any warranty is the reputation and longevity of the company which stands behind it. Thirty years says it all.



INDUSTRY RECOGNITION

We are very pleased to have received the NSRA's first ever “Street Rod Achievement” award in 1997. This award is for “contributions to the street rod industry” by a manufacturer or individual. As a company we work hard to make better air conditioning systems. As enthusiasts we work hard to make the hobby better.