

## Multi-Purpose Solar Air Heater For Windows

This new solar air heater hangs in your window, generating heat equivalent to a 500-watt electric heater, depending on the daytime sun and cloud cover. It is portable at only 26 lbs. in weight and can easily be moved.

The solar heated collector measures 48 in. long, 24 in. wide, and 2.5 in. thick and features a built-in solar-powered fan that moves the heated air into the room. You simply hang or set the collector against the inside of a south-facing window, the fan draws indoor air up and through the aluminum collector coils heated by the sun and then recirculates the warmed air up and back into the room. The fan also features a speed control which adjusts the air temperature. This unit also features a 20-watt PV panel for performance in low light and cloudy conditions.

"It's designed for interior installation behind a window; double pane, low-E, Argon and triple pane windows will reduce the efficiency to less than 40 to 65 percent. For optimum efficiency it is best used in spaces that are 150 sq. ft. or smaller and we have seen it used successfully in homes, chicken coops, workshops,

backyard greenhouses, and anywhere else there are unobstructed southern-facing windows," says Cam Mackay, president of Solar Infra Systems, Surrey, B.C. The solar air heating unit is available from Northern Tool & Equipment, Mid States Distributing, and retails for \$475 at [www.solarinfrsystems.com](http://www.solarinfrsystems.com).

The company also designs and sells large wall, mounted solar air heaters designed for commercial businesses such as barns, chicken hatcheries, greenhouses, cattle barns, and warehouses.

"We are reducing the natural gas or propane used to heat a greenhouse. We can save a 100,000 sq. ft. greenhouse up to \$140,000 per year compared to using natural gas," says Mackay.

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Save money and lower your carbon footprint. Window heating unit and air distributing fan work solely from solar energy.

## Hydrogen Generator Has Over 3 Years Of Success

Andrew Herold says the new Galaxy Y hydrogen generator has the highest output per amp of any 12-volt generator every built.

Designed to run up to 10-liter engines, it's ideal for 5.9 liter trucks and other big engines. "We're so positive this is the finest system in the world that we will guarantee in writing that it will produce mileage gains or we will buy back your system," says Herold.

To insure that systems are installed to properly work with any EFI engine, from 1 liter up to 10 liters, the Galaxy Y is sold as a complete kit which includes a deluxe amp meter, a Tuning 101 AFR controller, and a pack of E-22 electrolyte that won't freeze down to -40 degrees.

Herold explains that the Tuning 101 AFR controller is a key to adapting hydrogen systems to modern electronically-controlled engines. "We have customers who have more than doubled fuel mileage with our system," Herold says.

The Galaxy Y complete kit sells for \$795 with a "Buy Back 30-Day Warranty". Customers have a choice of a Narrow or Wide-band Tuning 101 AFR controller or the new Diesel Module. They give you total control over your vehicle's air-fuel ratio.



Galaxy Y hydrogen generator, developed by Darol Mason and built by Andrew Herold, is said to boost mileage 40 to 50 percent or more when installed correctly.

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### "Big Boy" Generator

"When it comes to semis and other engines over 10 liters, you want to use the Big Guy generator," notes Herold.

"After 3 years of development, we have 6 semis in Nevada getting a 35 percent increase in mileage, including one that went from 6.3 mpg to 9.2. We have a new wideband tuner which is used on many late model semis," he adds.