



SunCatchers help you
GROW YOUR OWN FOOD
 all year round, even in
EXTREMELY COLD CLIMATES.



By optimizing the power of the sun, we provide you with a growing environment that is:

- **Eco-friendly** – fossil fueled heating and grid power not required
- **Easier to manage** – you don't have to worry about heaters, fans, high humidity, regular maintenance, or other issues of a conventional greenhouse
- **Sustainable** – SunCatchers are engineered to last for decades without need for major materials replacement/new inputs
- **Long term investment** – your SunCatcher increases your property value significantly vs a conventional greenhouse, continues providing value for 30-50 plus years, and provides major savings on heating, cooling, glazing replacement and more

We also offer consulting services for customization, construction and operation of your very own SunCatcher greenhouse.



To learn more about any of our current greenhouse models, products and services, or if you are interested in discovering more about passive solar greenhouse design, we encourage you to explore our website: suncatchergreenhouse.com

Helping you
HARNESS THE SUN
 to grow **ALL YEAR LONG.**



When you ask Nature what is needed, SunCatcher is her reply.



suncatchergreenhouse.com

SunCatcher is...

THE Energy-Efficient "GREEN" Greenhouse of the Future

You want to grow your own food locally, all year, but your climate doesn't support it. Conventional greenhouses can help, but only by heating with fossil fuels or grid electricity – expensive and unsustainable. After years of hearing this from local growers in our mountain home of Boone, NC, we started SunCatcher Passive Solar Greenhouses to help growers like you find a solution that meets all these needs, wherever you are. With nearly four decades of passive solar experience, our SunCatchers provide you with:

- Year-round growing in a wide variety of climates
- Thousands of dollars in savings on active heating costs
- No greenhouse gas emissions from fossil fuels
- Proven, patented design of superior quality construction engineered to last for decades
- Ongoing consultation on growing and operation

HOW A SUNCATCHER WORKS

When you think about how to do year round gardening or growing in colder climates, we know you have the same concerns that we do:

- Is the solution **sustainable and eco-friendly**?
- Is this going to **take more of my time and energy** to manage than a garden or conventional greenhouse?
- **How much** is this going to cost?

SunCatchers are uniquely designed with these concerns in mind – a true passive solar greenhouse, with the sun as the only source of light and heat, year round (as opposed to an “active” greenhouse which requires heating in winter, large electric fans in summer and generally more management). We use the sun, laws of nature and natural elements to provide an increase in available natural sunlight for plant growth, heat at night and on cold overcast days, and a CO₂-rich environment for enhanced year-round plant growth in most any climate.

SunCatchers have the ability to directly harness the sun’s energy and make it available for heating the SunCatcher at night and on overcast winter days. Collecting, converting, and storing the low angle winter sun’s energy for heating the structure is accomplished 24 hours a day.

SUNCATCHER BLUEPRINTS

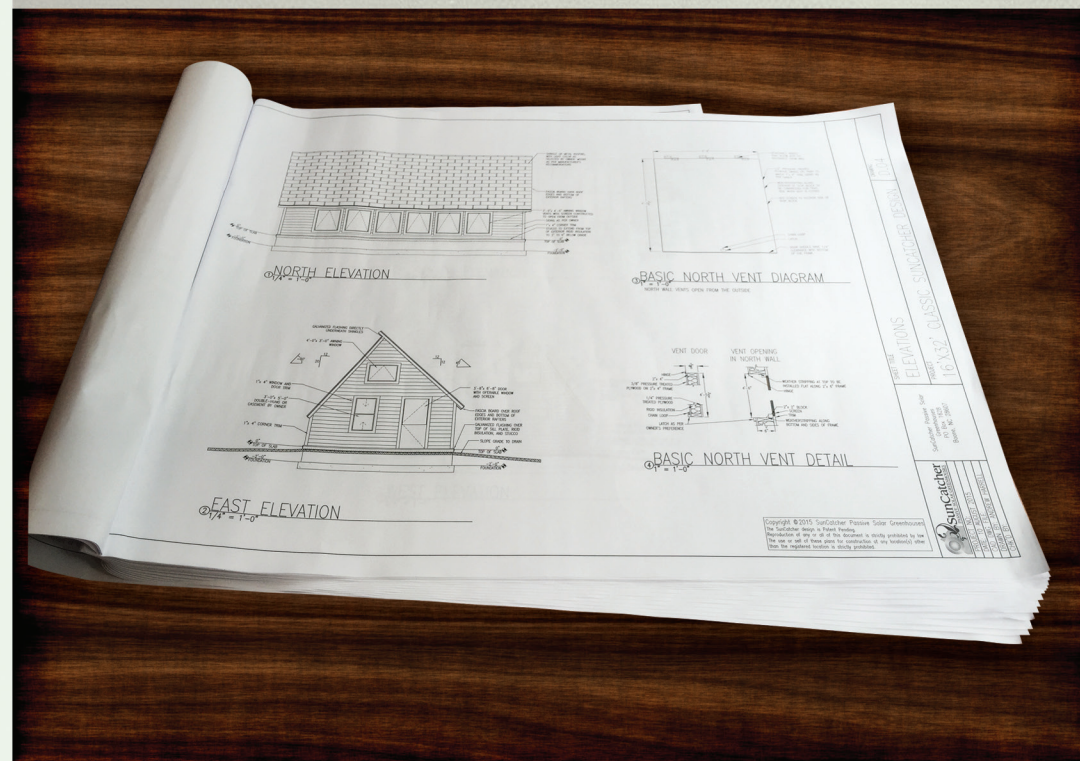
Full, detailed construction plans and instructions to build your own SunCatcher. These blueprints follow our proven, patented design. In addition to code ready structural drawings for all sections, we include a materials list, an operator’s manual and unusual rafter cut patterns.

Drawings are included for foundation, framing, floor and roof plans, elevations, section details, and utilities. These plans have been developed to exceed most building codes and should require very little if any changes to meet your local building codes.

HELPING YOU HARNESS THE SUN

Our goal is to bring you the best self-contained, off-the-grid passive solar greenhouse that would only require seeds, soil, sun and water to grow a wide variety of plants. Over the past twenty years we have continued to iterate and improve our design so that customers like you can grow plants the way they want, in whatever climate they want. We do this by ignoring conventional (wrong) greenhouse wisdom, and focusing on the basic needs of plants: heat, sunlight, humidity, CO₂ and protection from extreme weather.

We can also help you design a custom SunCatcher in a size and type specific to your needs. With SunCatcher design services you are not limited to just a free standing passive solar greenhouse. We can help you with adding a grow space to an existing home, for a rooftop, or a unique design of your own. For specs and features on each model, please visit our site, suncatchergreenhouse.com



SUSTAINABILITY



SUNCATCHER ASSEMBLY

The best way to build your SunCatcher is with our pre-designed **KITS**, constructed with Eco-Panels, a high tech, green and very efficient building material. These large, pre-fabricated panels save you time, money, and design headaches while delivering optimal use of space and utilizing the sun’s energy to grow.

Our certified contractors provide you with a customized appearance to suit your needs. We are ready to give you a quote and start your SunCatcher journey.

To learn more about the Eco-Panels building solution, please visit www.Eco-Panels.com.

SUNCATCHER MODELS

- **Carolina** - our smallest pre-fabricated SunCatcher, at 280 sq ft, perfect for personal or family use
- **Durango** - at 500 sq ft, this model is great for a small business, small community or more dedicated grower
- **Linn Cove** - our largest pre-fabricated SunCatcher at 1000 sq ft, it is designed for a larger community or commercial use

Your dream. Our design. We can help you build a SunCatcher with our existing kits or make something new. Contact us at suncatcher@suncatchergreenhouse.com to get started.