

60th ANNIVERSARY EDITION

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Vol. 3.34

# Sunrooms & Patio Enclosures

*Planning and Design Guide*



Manufacturers of World Class Sunrooms  
Established 1947

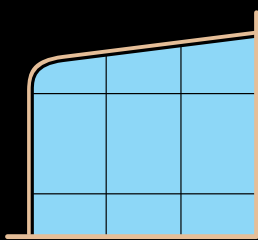


# Curved Eave Sunrooms

## Bring the Outdoors Indoors *Beautifully!*

It's safe to say that most of us love being outdoors. On any given day, if we had the choice to relax in front of the TV or to kick back in a comfortable chair outdoors, the answer would be a simple one. But like most of us, the thought of being outside during the dog days of summer or during winter's painfully cold winds and snow, or the incessant attack of bugs the size of small pets – we will usually opt to remain indoors.

C-Thru Sunrooms is proud to offer you a beautiful solution to experiencing the outdoors indoors, all year round! Now you can enjoy beautiful summer and winter days, dramatic sunsets and watch the snow fall from the comfort of a new climate-controlled C-Thru sunroom!



CURVED EAVE ROOF



## Bring the Outdoors Indoors *Beautifully!*

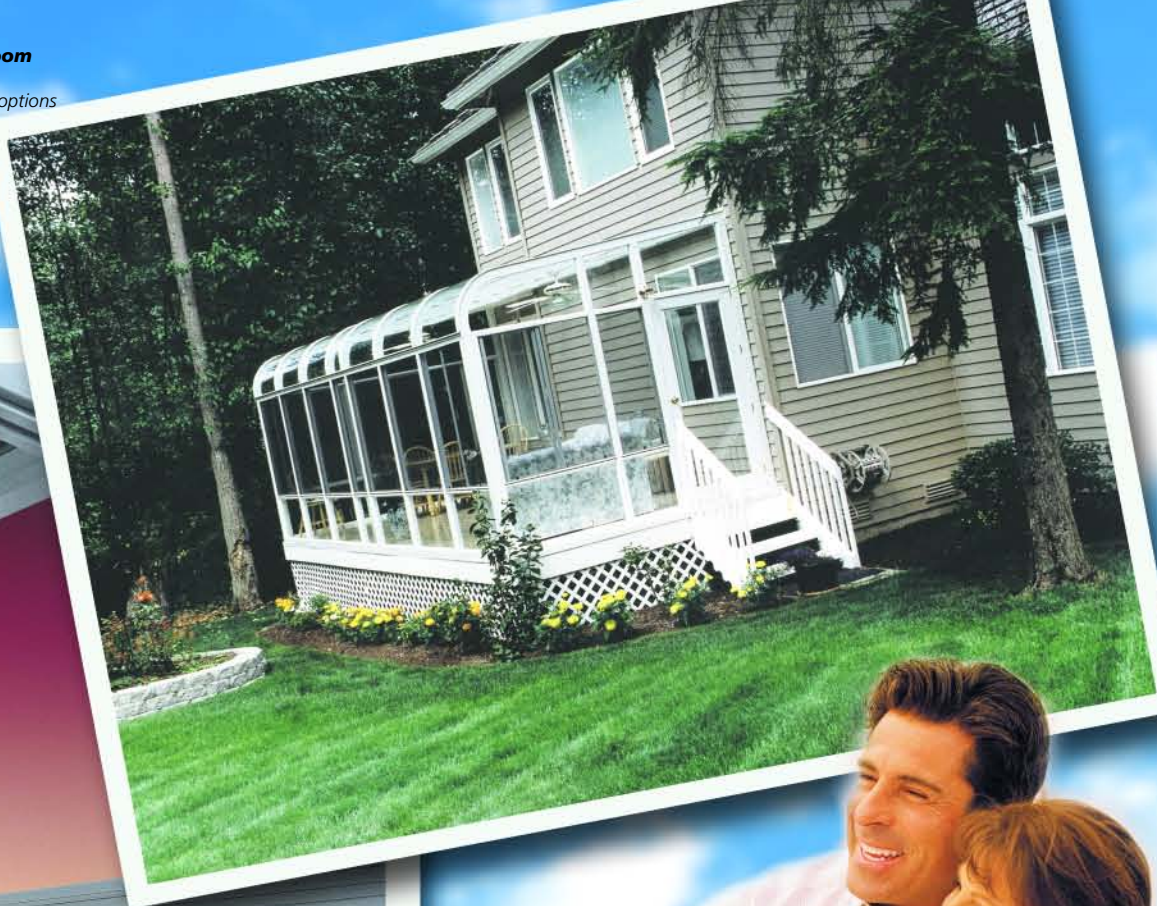


#### **White Curved Eave Sunroom**

- Alpha I Room package
- Glass kickplate & trapezoid options
- 3' glass door option
- Glass roof option

#### **White Curved Eave Sunroom**

- Omega II Room package
- Glass kickplate & trapezoid options
- 1/2 glass, 1/2 solid roof w/shade option
- Electrical system option



#### **White Curved Eave Sunroom**

- Alpha II Room package
- Glass kickplate & trapezoid options
- Electrical system option
- 1/2 glass, 1/2 solid with shade option



# Curved Eave Sunrooms

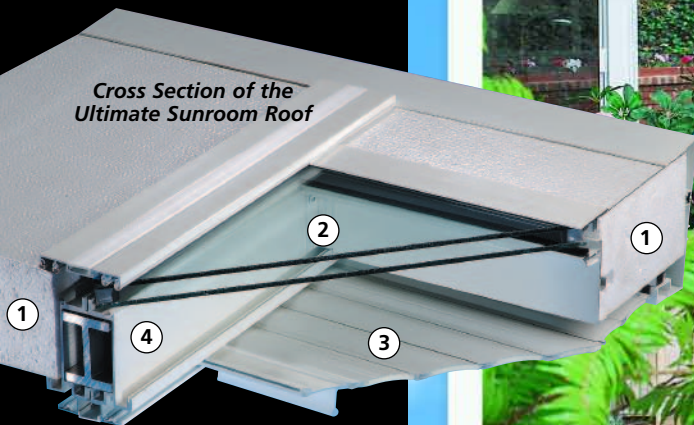
## Beautiful Curves Ahead!

C-Thru's Curved Eave Sunrooms have become the industry standard for beauty and quality craftsmanship.

The curved eave style sunroom is truly our premier sunroom and has been a favorite for many years. The curved eave and glass adds a gentle and elegant touch with its smooth transition from walls to roof.

These beautiful sunrooms offer you nearly unobstructed views of the outdoors – whether it be a starry night or a stunning sunset.

**Cross Section of the Ultimate Sunroom Roof**



- 1. Solid Insulated Roof System**  
*The ultimate for creating your perfect design combination of glass & solid.*
- 2. High Performance Smart/DuraLite Roof Glass**  
*The leading technology in insulated glass and is nearly unbreakable. Also available in single-glass.*
- 3. Comfort Control Insulated Shade System**  
*The ultimate in controlling temperatures, shade and light in your new room.*
- 4. Super Span Structural Rafters**  
*Optional rafter stiffeners allows you to build large rooms or roofs that are unobstructed by mid-span posts and beams.*



Don't settle for an ordinary room,  
when you can have an extraordinary room!



### **White Curved Eave Sunroom**

- Omega I Room package
- Glass kickplates and trapezoid options
- 1/2 glass, 1/2 solid roof w/shade option
- Electrical system option

### **White Curved Eave Sunroom**

- Alpha I Room package
- Glass kickplates and trapezoid options
- 1/2 glass, 1/2 solid roof w/shade option
- Electrical system option



### **White Curved Eave Sunroom**

- Omega I Room package
- Glass kickplates and trapezoid options
- 1/2 glass, 1/2 solid roof w/shade option
- Electrical system option



# Straight Eave Sunrooms

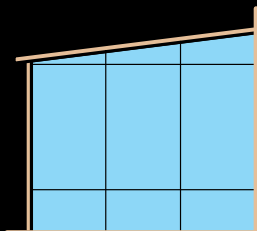
## Distinctive Design Flexibility

C-Thru's Straight Eave Sunrooms offer a distinctive look and flexibility that are ideal for most homes and installation parameters.

Our straight eave style sunroom allows you to create a year-round paradise with distinctive lines that will accentuate the existing architecture of any home.

These classic sunrooms offer you a private place of escape or a special place to entertain – depending on the mood you're in.

What's more C-Thru offers several room package choices and upgrades. You can add things like ceiling fans, roof shutter systems and outdoor porch lights. To see more information on our room packages and available upgrades, please refer to pages 24-27.



STRAIGHT EAVE ROOF



Bring the  
Outdoors Indoors  
Beautifully!



### **White Straight Eave Sunroom**

- Alpha II Room package
- Glass kickplate and trapezoid options
- Electrical system option
- Glass roof option

### **Almond Straight Eave Sunroom**

- Omega II Room package
- Glass transom options
- Electrical system option
- Glass roof option



### **White Straight Eave Sunroom**

- Omega II Room package
- Glass transom and kickplate options
- Glass roof option
- 3' pedestrian door option



## Create a Design Masterpiece



One of our most beautiful sunrooms is the refined English Conservatory style.

These well-appointed conservatory details add a touch of class and sophistication to your Sunroom that attracts attention, engages emotion and will most likely draw a few envious comments from your friends and neighbors.

There are all sorts of reasons to choose a C-Thru Sunroom: design, quality, value, craftsmanship, durability and attention to detail. This attention to detail has resulted in our English Conservatory Sunrooms. Simply beautiful!

### NOTE:

*Conservatories are traditionally custom applications and may require special engineering, additional site preparation, custom glass and may require longer lead times than other C-Thru rooms. Please check with your authorized C-Thru dealer for any special requirements that may exist.*

# Conservatory Sunrooms







▲ **White Victorian Conservatory**

- Polycarbonate roof option
- 6' French Door option
- Stem wall option



◀ **White Conservatory**

- Omega II Room package
- Glass kickplate and trapezoid options
- Glass roof option
- Electrical system option
- 6' French door option

▶ **White Victorian Conservatory**

- Glass roof option
- 6' French door option
- Stem wall option





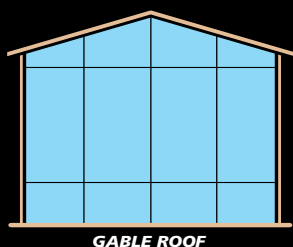
# Gabled Rooms

## Breathtaking Charm & Grace

The C-Thru Garden Room has all the charm and grace of our Sunrooms and features the added beauty of our highly insulated Weather-Guard roof system. Your room will remain bright and inviting, staying cooler in the summer and warmer in the winter. Your new Garden Room will quickly become the most lived-in room in your entire home!

The C-Thru Garden Room offers a unique feel with its gable roof design. The vaulted cathedral ceiling and the peaked front wall give a very rich and spacious impression while allowing plenty of indirect light in.

Our Garden Room is the perfect fit for those wanting a sunroom but with a little more of the "room" feeling.



GABLE ROOF



Bring the  
Outdoors Indoors  
Beautifully!



**White Gable Garden Room**

- Omega II Room package
- Glass kickplate & trapezoid options
- Electrical system option
- French door option

**White Gable Garden Room**

- Omega I Room package
- Glass kickplate & trapezoid options
- Electrical system option
- French door option
- Roof electrical beam option (with ceiling fan)



**White Gable Garden Room**

- Alpha I Room package
- Glass kickplate & trapezoid options
- Offset gable option
- Electrical system option



# Gabled Rooms

## Return On Investment

SOURCE: U.S. NEWS & WORLD REPORT (REPRINT)

Sunroom Addition

**100%**

Adding Skylights

**94%**

Major Kitchen Remodeling

**90%**

Remodeling a Bathroom

**80%**

Adding a Wood Deck

**80%**

Adding Insulation

**77%**

New Windows/Doors

**75%**

Room Addition

**72%**

Adding a Swimming Pool

**33%**



**Cross Section of C-Thru's  
Patented Insulated Roof System**



### 1. Solid Insulated Roof System

C-Thru's patented solid insulated roof system is highly insulated, strong enough to walk on and very low maintenance.

### 2. Optional Fan/Ceiling Light Beam

Can be placed throughout the roof to attach fans and lighting while concealing all electrical wiring.

### 3. Heavy Duty Gutter with Optional Leaf Guard

An ideal feature for directing the water safely out of harm's way.

Don't settle for an ordinary room,  
when you can have an extraordinary room!



### White Gable Garden Room

- Alpha II Room package
- Glass trapezoid option
- 3' glass door option

(Note: Aftermarket roof shingles shown. Check with your local C-Thru Dealer for building code requirements.)



### White Gable Garden Room

- Omega II Room package
- Glass kickplate & trapezoid options
- Electrical system option
- Roof electrical beam option (with ceiling fan)



### White Gabled Room

- Omega II Room package
- Custom trapezoids option
- Glass kickplates option
- 3' pedestrian door option

(Note: After market roof tiles shown. Check with your local C-Thru Dealer for building code requirements.)



# Gabled Rooms

## A Room for Every Reason

It's true that sunrooms create a beautiful and dreamy retreat for you and your family. But don't be surprised if you find yourself inhabiting your new sunroom more than any room in the house!

By day, your sunroom may become an expansive kids rec room, hobby room or home office. By night, your sunroom may quickly be transformed into a magnificent entertainment area or a romantic getaway. The uses are nearly as endless as the views on a starry night.

## 10 Rooms in 1

**Living Room**

**Home Gym**

**Family Room**

**Kids Rec Room**

**Home Office**

**Spa Room**

**Mud Room**

**Breakfast Nook**

**Poolside Room**

**Hobby & Crafts Room**

All for the cost of  
only one room!



Bring the  
Outdoors Indoors  
Beautifully!



#### **White Gable Garden Room**

- Alpha II Room package
- Glass kickplate and trapezoid options
- Electrical system option
- Roof electrical beam option (with ceiling fans)
- French doors with grid option

#### **White Gable Garden Room**

- Alpha I Room package
- Glass kickplate and trapezoid options
- Electrical system option
- Roof electrical beam option (with ceiling fans)



#### **White Gable Garden Room**

- Alpha II Room package
- Solid insulated kickplate and trapezoid – standard
- Electrical system option
- Roof electrical beam option (with ceiling fans)

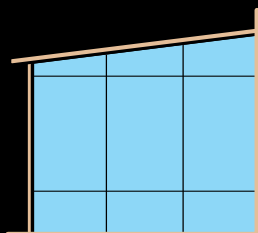


## Not Your Ordinary Patio Enclosure!

Since its introduction more than three decades ago, C-Thru's Patio Room has evolved into the perfect blend of beauty, functional design and affordability.

We have taken the Patio Room from ordinary to extraordinary! Starting with our insulated WeatherGuard roof system, your new room will have a level of year-round comfort not seen in most other Patio Enclosures. Plus, with our extensive list of options and upgrades, like, sliding glass doors, french doors, glass kickplates and upper transoms, you can transform your Patio Enclosure in to a dream come true!

See pages 24-27 for room packages and upgrades.



STRAIGHT EAVE ROOF

# Studio Patio Rooms



Don't settle for an ordinary room,  
when you can have an extraordinary room!



**White Patio Room**

- Alpha I Room package
- Electrical system option
- 6' French door option

**White Patio Room**

- Alpha II Room package
- Glass transom option
- Roof electrical beam option (with ceiling fan)
- 6' sliding door with grid option



**White Patio Room**

- Alpha I Room package
- Electrical system option



Relax. You're  
Buying the Best  
Room with the  
Best Warranty.



Another reason to choose a C-Thru Sunroom is that we have been manufacturing the highest quality sunrooms and components for over 55 years. It's this kind of experience coupled with our constant innovation that allows us to confidently offer the industry's most aggressive warranty – for life!

### Beware of Look-a-Like Imitations

Other sunrooms may look the same, but unless they bear the C-Thru name, buyer beware!

The many patented and exclusive features we offer mean superior performance for you. C-Thru's products are designed to meet or exceed most building code structural requirements, and have over a half a century of successful installations.

# Studio Patio Rooms



Bring the  
Outdoors Indoors  
Beautifully!



### White Patio Room

- Omega II Room package
- Electrical system option
- Roof electrical beam option (with hanging light)
- 6' sliding door option

### White Patio Room

- Alpha II Room package
- Glass transom option
- Electrical system option
- Roof electrical beam option (with ceiling fan)
- 6' Sliding door option



### White Patio Room

- Omega II Room package
- Glass transom option
- Electrical system option
- 6' sliding door option



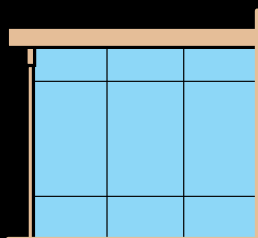
# Walls Under Existing Roof Patio Rooms

## Have an existing Patio Roof? No Problem!

So, what if you have been dreaming of a new sunroom, but your home has an existing Patio Roof? Simple, Call C-Thru!

C-Thru offers you a convenient and affordable way to transform an ordinary patio roof in to a year-round paradise. Our engineers will work to manufacture the wall configurations you desire to fit the existing patio roof perfectly.

Depending on the options you choose, you now can easily transform your existing patio cover into a year-round, sun-drenched retreat to watch the seasons change while in the comfort and protection of an enclosed Patio Room.



**WALLS ONLY UNDER  
EXISTING PATIO COVER**



▲  
**After!**

**Before:**





**White Patio Walls Under Existing Roof**

- Alpha II Room package
- Glass trapezoid option
- Sliding Glass door option

**White Patio Walls Under Existing Roof**

- Omega II Room package
- Glass kickplate option
- French door option



*After!*

**Expand the square footage of your existing patio cover by simply bumping it out with our straight or curved eave roof and walls.**



*Before:*



**White Patio Walls Under Existing Roof**

- Omega II Room package
- Glass kickplates and transom options





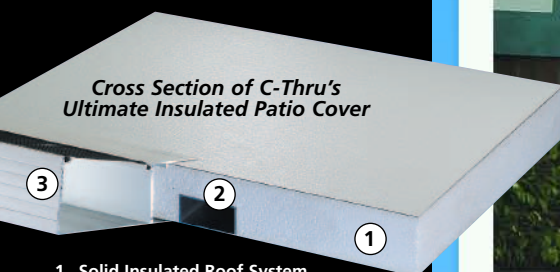
# Patio Covers

## Open, Airy and Economical!

A C-Thru Patio Cover is a beautiful and economical addition to any home. These handsome covers provide an open and airy retreat for you to entertain family and friends or to relax after a long day.

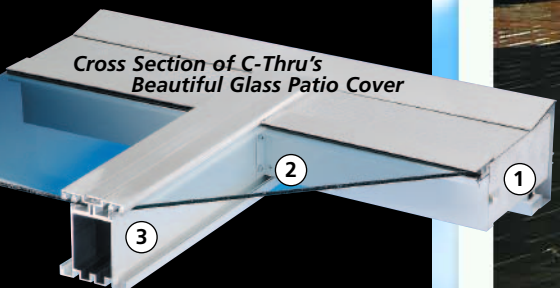
A Patio Cover not only provides a shaded, cool place to enjoy the outdoors, but your home will also stay noticeably more comfortable being protected from the heat and cold.

### Cross Section of C-Thru's Ultimate Insulated Patio Cover



- 1. Solid Insulated Roof System**  
C-Thru's patented solid insulated roof system is highly insulated, strong enough to walk on and very low maintenance.
- 2. Optional Fan/Ceiling Light Beam**  
Can be placed throughout the roof to attach fans and lighting while concealing all electrical wiring.
- 3. Heavy Duty Gutter with Optional Leaf Guard**  
An ideal feature for directing the water safely out of harm's way.

### Cross Section of C-Thru's Beautiful Glass Patio Cover



- 1. Solid Insulated Roof System**  
The ultimate for creating your perfect design combination of glass & solid.
- 2. High Performance DuraLite Roof Glass**  
The leading technology in glass and it is nearly unbreakable.
- 3. Super Span Structural Rafters**  
Optional rafter stiffeners allows you to build large rooms or roofs that are unobstructed by mid-span posts and beams.



Bring the  
Outdoors Indoors  
Beautifully!

*Note: If desired, C-Thru's Patio Covers can be enclosed at a later date to create a beautiful Sunroom or insulated Patio Room.*



**Solid Insulated WeatherGuard Patio Cover**

- Post, beam and wrap kit option

**Glass Sun Canopy**

- Header beam option (with brick columns)
- Available single glass options are clear or tinted



**Solid Insulated WeatherGuard Patio Cover**

- Post, beam and wrap kit option
- Roof electrical beam option (with ceiling fans and heating units)



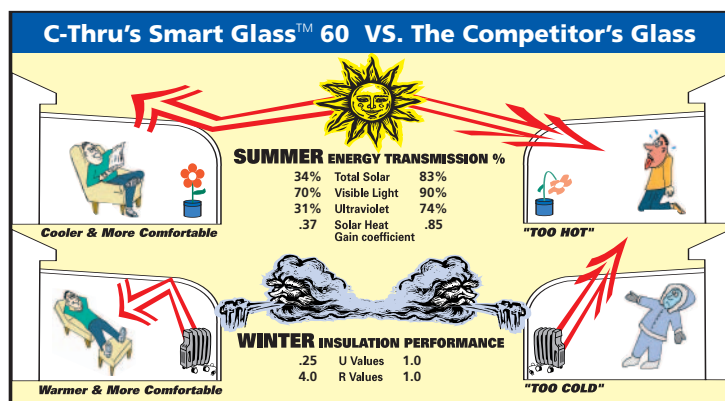
# Superior Features Make Superior Rooms!

## The New Generation of Energy-



C-Thru's SunSmart Glass does the thinking for you – keeps you cooler in the summer and warmer in the winter.

- Up to:**
- 4 times less heat gain *AND* 4 times less heat loss
  - 5 times less ultraviolet destruction
  - 4 times more insulation than our closest competitor's glass!



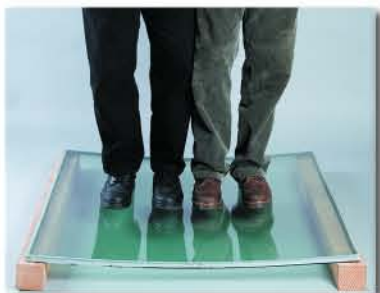
**DURA Lite™**  
BY C-THRU ROOF & WINDOW GLASS

**DuraLite Glass comes standard in all rooms**

Available only from C-Thru, our exclusive DuraLite glass comes standard throughout our rooms.

**Up to:**

- 8 times stronger than residential window glass
- 10 times more scratch-resistant than acrylic
- 2 times more clarity than other glass
- Safer for your family and virtually indestructible!



How strong is DuraLite? Even with nearly 400 lbs. of weight, DuraLite won't crack or break.





# Efficient Sunrooms



**All dual glass windows come standard with SmartSeal® or Super Spacer®**



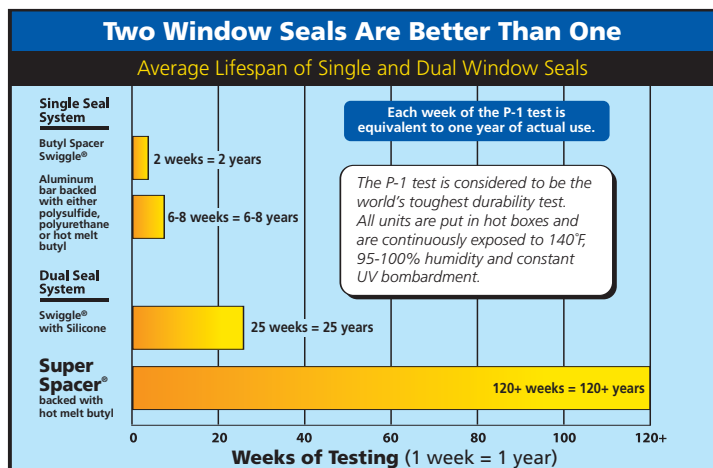
**Single Window Seal**  
with condensation



**Dual Window Seal**  
no condensation

When you see condensation inside a dual-glass window, that means the seal has failed. Our exclusive high-performance dual glass is made using the latest technology in dual glass seals.

- Helps eliminate the possibility of mold
- Rated as the longest lasting insulated glass seal at 120+ years (see chart)
- Helps eliminate the possibility of condensation



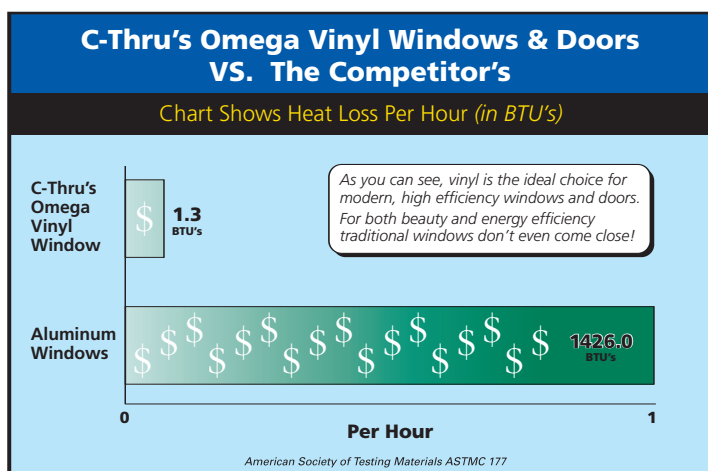
**Comes standard in Omega I and Omega II rooms only**

The new generation of energy-efficient vinyl windows and sliding doors have fully welded construction and mitered corners combined with continuous weather stripping. Keeps the heat in and cold out.

- Reduces outside noise by up to 50%
- Nearly 1,400 times better insulation than aluminum windows
- Nearly maintenance free
- Virtually eliminates condensation common to aluminum windows
- Won't swell and allows for smooth operating in all climates



Ask about Energy Star



**This cutaway shows Omega's superior thermal efficiency of its window and wall assembly**





*Superior Features Make Superior Rooms!*

# The New Generation of Energy-

Aluminum Structure

Vinyl Thermal Barrier



6063-T6 aluminum possesses all of the characteristics required to build the high-quality C-Thru Sunrooms. But a unique vinyl cladding system (called a thermal barrier) placed on the inside and outside of each structural member eliminates the one negative attribute of aluminum – heat and cold transfer.

***The Structural Thermal Barrier provides:***

- 9 times more thermal value
- 7 times less likely to condensate
- Dramatically reduces the transfer of heat and cold while maintaining the great benefits of an aluminum structure
- Fewer exposed fasteners



***Comes standard for all rooms***

Tuff-Core is made of *expanded polystyrene*, the same material used in freezer walls, refrigerators, coolers, etc. The energy conserved in heating and cooling quickly pays for itself. To compare its insulating capabilities to other materials, 3" of Tuff-Core is equivalent to:

- 8" of fiberglass
- 15" of hardwood
- 72" of brick

The outer Tuff-Core "skin" is as strong as it is beautiful and is:

- Maintenance free
- Flexible and durable
- Moisture-resistant
- Scratch and ding-resistant  
– It's nearly indestructible!

Tuff-Core is standard for our Curved and Straight Eave roofs, and optional for the solid wall area.

***Even a screwdriver can't scratch the paint off – because the color is impregnated into the material!***



***The superior insulation properties of Tuff-Core used in all C-Thru room walls means superior energy savings for you.***



# Efficient Sunrooms

*You can also customize your room with these options and upgrades:*



## Exclusive Patented U.L. Listed Electrical System

C-Thru's patented electrical system allows you to place outlets practically anywhere without unsightly conduit or extension cords.

- C-Thru's electrical system is UL listed, safe and legal
- Each electrical system comes with a ground fault interrupter (GFI)



Porch Lights



Electrical Outlets



Light Switches



Hidden Electrical Raceways

Glass Transom



Standard Solid Kickplate  
(area below the windows)

Optional Glass Kickplate



## Glass Kickplate and Transom Options

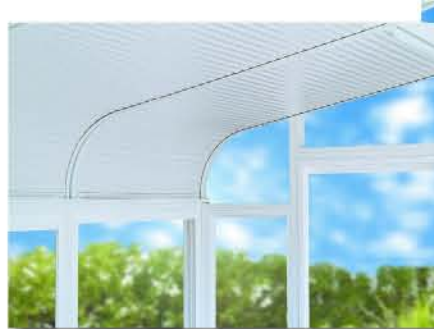
Solid insulated kickplates (area below the window) and transoms (area above the windows) are standard on all rooms. The glass kickplate and transom are upgrade options to the standard rooms.

- Great way to bring extra light and yard into your room
- Glass kickplates & transom options can be done separately from each other

## Glass Roof and Shade Option

This unique option allows you to design your sunroom roof with combinations of glass and insulated solid panels. Combined with our exclusive Comfort Control retractable shade system, you can control the light and temperature of your room.

- Solid roof sections are highly insulated roof panels that allow for year-round use and low maintenance
- Glass options are single glazing or the high-performance 7/8" dual insulated Smart Glass
- You can design your roof to be all glass, all solid, 1/2 glass – 1/2 solid and more!
- Comfort control shades are maintenance-free and fully insulated to reduce heat gain



Comfort Control Roof Shade Closed



Comfort Control Roof Shade Open

6' French Door with Grid Option



6' Sliding Door  
(8' also available)



3' Single Door



## Door Options

There are three available door options and all come with great innovative design features:

- Swing doors are 1-3/4" thick and come standard with beautiful brass hardware
- Continuous weather stopper door (gear) hinge – eliminates wind blow-by & door sag (standard on Omega rooms)
- Full thermally improved swing door and jamb – minimizes heat and cold transfer from the outside (standard on Omega rooms)
- Continuous Q-lon weather stripping around door jamb and threshold – keeps wind and cold air out
- The easy-to-operate sliding door is a welded vinyl with continuous weather stripping locking out the weather
- Decorative grid bars (between glass) are an available option for all dual glass doors

## Ceiling Fan/Light Beam Option

If you plan on putting a ceiling fan or hanging lighting in your new room, this upgraded beam option is a must.

- Provides a structural location to attach fixture
- Allows wires to be concealed in the hollow of the structure
- Eliminates conduit on the top of your roof





# Design Guide:

**STEP 1**

Select your Room Type:



**Curved Eave Sunroom**  
(pages 2 – 5)

**STEP 2**

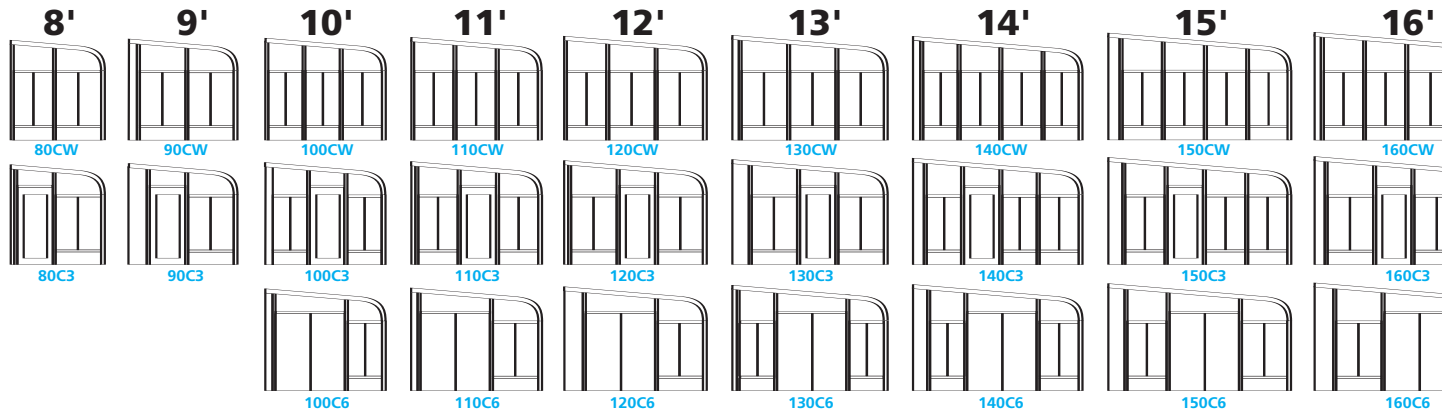
## Curved Eave Sunroom – Projections/Sidewall Options

PROJECTIONS

WINDOWS ONLY

WITH PEDESTRIAN DOOR

WITH SLIDING DOOR



**STEP 2**

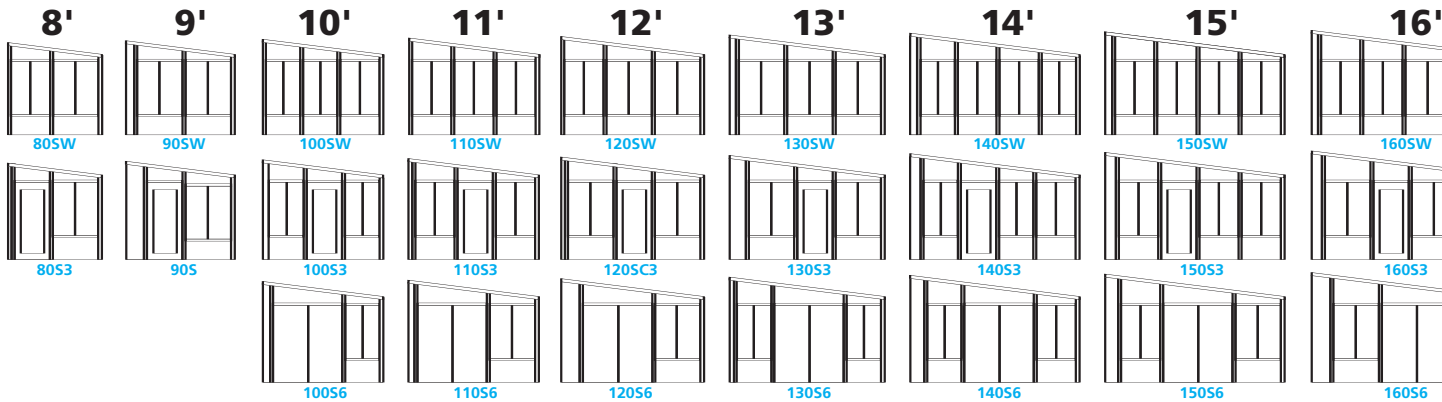
## Straight Eave Sunroom – Projections/Sidewall Options

PROJECTIONS

WINDOWS ONLY

WITH PEDESTRIAN DOOR

WITH SLIDING DOOR



**STEP 2**

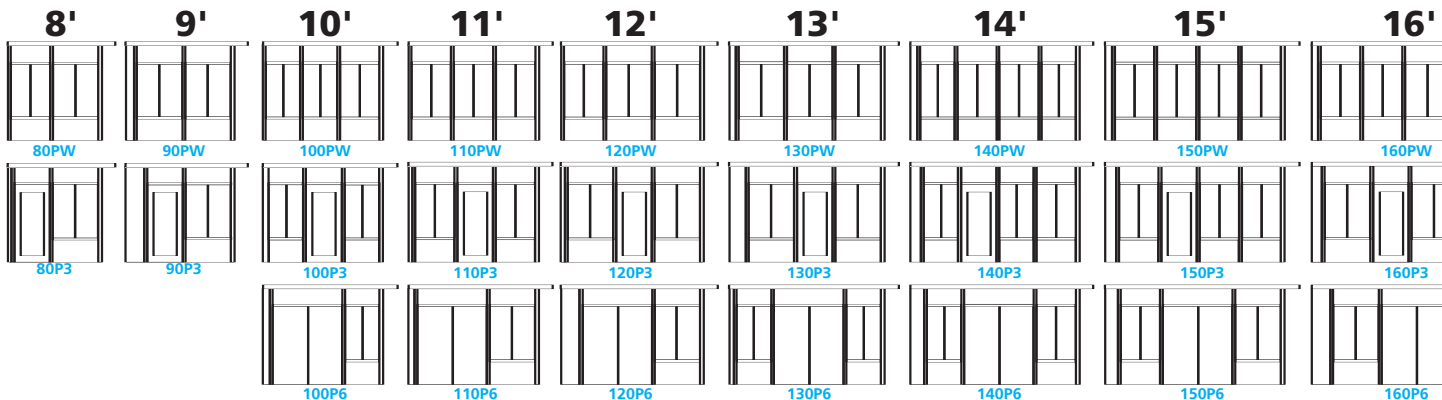
## Garden/Patio Room – Projections/Sidewall Options

PROJECTIONS

WINDOWS ONLY

WITH PEDESTRIAN DOOR

WITH SLIDING DOOR



**STEP 3**

### Front Wall Room Widths: (windows corner-to-corner using no solid fill)

widths are infinite  
in 6" increments

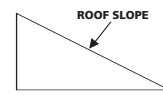
7' 4 <sup>1</sup> / <sub>2</sub> "	14' 5 <sup>3</sup> / <sub>4</sub> "	19' 6 <sup>3</sup> / <sub>8</sub> "	23' 7"	27' 1 <sup>5</sup> / <sub>8</sub> "	31' 2 <sup>1</sup> / <sub>4</sub> "	34' 8 <sup>7</sup> / <sub>8</sub> "	38' 3 <sup>1</sup> / <sub>2</sub> "	41' 10 <sup>1</sup> / <sub>8</sub> "	45' 4 <sup>3</sup> / <sub>4</sub> "	48' 10 <sup>3</sup> / <sub>4</sub> "	∞
7' 10 <sup>1</sup> / <sub>2</sub> "	14' 11 <sup>3</sup> / <sub>4</sub> "	20' 5 <sup>3</sup> / <sub>8</sub> "	24' 1"	28' 1 <sup>5</sup> / <sub>8</sub> "	31' 8 <sup>3</sup> / <sub>4</sub> "	35' 2 <sup>7</sup> / <sub>8</sub> "	38' 9 <sup>1</sup> / <sub>2</sub> "	42' 4 <sup>1</sup> / <sub>8</sub> "	45' 10 <sup>3</sup> / <sub>4</sub> "	49' 5 <sup>3</sup> / <sub>8</sub> "	
8' 4 <sup>1</sup> / <sub>2</sub> "	15' 5 <sup>3</sup> / <sub>4</sub> "	20' 6 <sup>3</sup> / <sub>8</sub> "	24' 7"	28' 7 <sup>5</sup> / <sub>8</sub> "	32' 2 <sup>1</sup> / <sub>4</sub> "	35' 8 <sup>7</sup> / <sub>8</sub> "	39' 3 <sup>1</sup> / <sub>2</sub> "	42' 10 <sup>1</sup> / <sub>8</sub> "	46' 4 <sup>3</sup> / <sub>4</sub> "	49' 11 <sup>3</sup> / <sub>8</sub> "	
10' 11 <sup>1</sup> / <sub>8</sub> "	16' 5 <sup>3</sup> / <sub>4</sub> "	21' 7"	25' 1 <sup>5</sup> / <sub>8</sub> "	29' 2 <sup>1</sup> / <sub>4</sub> "	32' 8 <sup>3</sup> / <sub>4</sub> "	36' 2 <sup>7</sup> / <sub>8</sub> "	39' 9 <sup>1</sup> / <sub>2</sub> "	43' 4 <sup>1</sup> / <sub>8</sub> "	46' 10 <sup>3</sup> / <sub>4</sub> "	50' 5 <sup>3</sup> / <sub>8</sub> "	
11' 5 <sup>1</sup> / <sub>8</sub> "	18' 5 <sup>3</sup> / <sub>8</sub> "	22' 1"	25' 7 <sup>5</sup> / <sub>8</sub> "	29' 8 <sup>1</sup> / <sub>4</sub> "	33' 2 <sup>7</sup> / <sub>8</sub> "	36' 8 <sup>7</sup> / <sub>8</sub> "	40' 3 <sup>1</sup> / <sub>2</sub> "	43' 10 <sup>1</sup> / <sub>8</sub> "	47' 4 <sup>3</sup> / <sub>4</sub> "	50' 11 <sup>3</sup> / <sub>8</sub> "	
11' 11 <sup>1</sup> / <sub>2</sub> "	18' 6 <sup>3</sup> / <sub>8</sub> "	22' 7"	26' 1 <sup>5</sup> / <sub>8</sub> "	30' 2 <sup>1</sup> / <sub>4</sub> "	33' 8 <sup>7</sup> / <sub>8</sub> "	37' 3 <sup>1</sup> / <sub>2</sub> "	40' 9 <sup>1</sup> / <sub>2</sub> "	44' 4 <sup>1</sup> / <sub>8</sub> "	47' 10 <sup>3</sup> / <sub>4</sub> "	51' 5 <sup>3</sup> / <sub>8</sub> "	
12' 5 <sup>1</sup> / <sub>8</sub> "	19' 5 <sup>3</sup> / <sub>8</sub> "	23' 1"	26' 7 <sup>5</sup> / <sub>8</sub> "	30' 8 <sup>1</sup> / <sub>4</sub> "	34' 2 <sup>7</sup> / <sub>8</sub> "	37' 9 <sup>1</sup> / <sub>2</sub> "	41' 4 <sup>1</sup> / <sub>8</sub> "	44' 10 <sup>1</sup> / <sub>8</sub> "	48' 4 <sup>3</sup> / <sub>4</sub> "	51' 11 <sup>3</sup> / <sub>8</sub> "	

### Attach. Heights:

8'  
9'  
10'  
11'  
12'

### Roof Slopes:

Variable 1/2" in 12"  
to  
3" in 12"





STEP  
4

# Room Packages & Available Upgrades



**Straight Eave Sunroom**  
(pages 6 & 7)



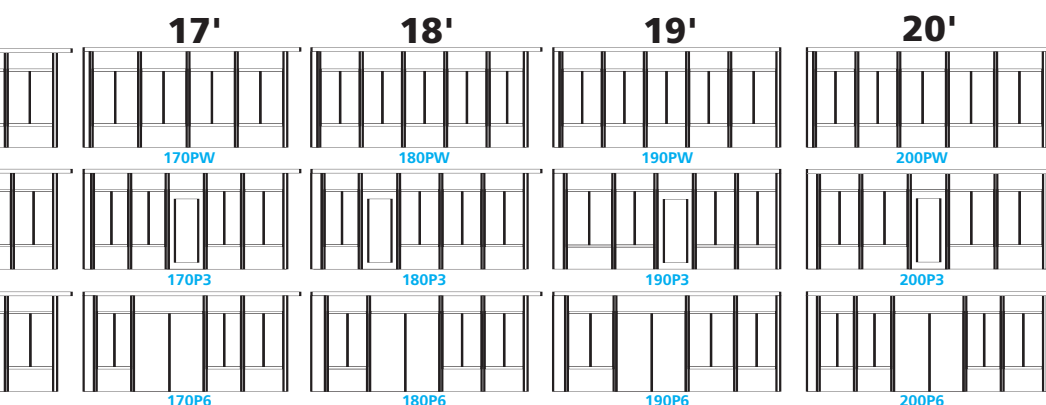
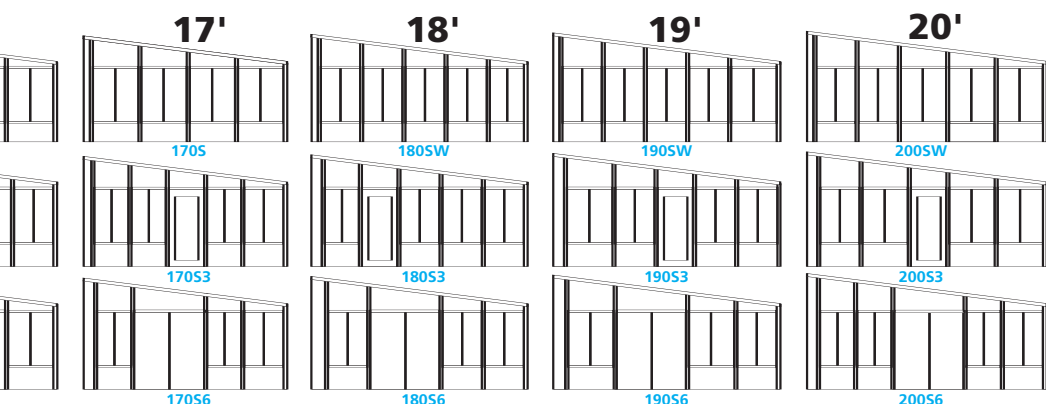
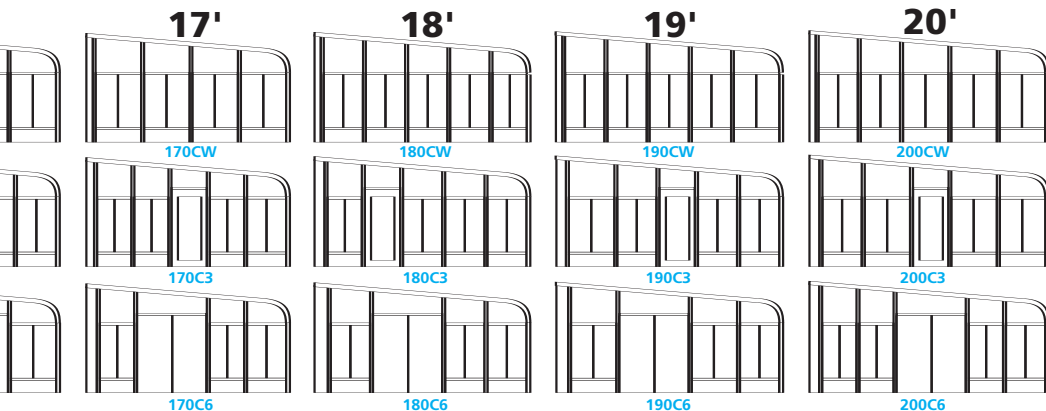
**Conservatory Sunroom**  
(pages 8 & 9)



**Gabled Room**  
(pages 10 – 15)



**Patio Room**  
(pages 16 – 21)



## Door Placement Notes:

The sliding and pedestrian doors can be placed anywhere along the side-wall between two windows, up against house wall or up against front wall (except curved eave which must have one window in front).

## Alpha I Room System

*Ideal for three-season use in moderate climates*



AVAILABLE COLORS: WHITE and ALMOND

- Structural, thermal framing
- Aluminum sliding windows with removable screens
- Single **Duralite™**
- Insulated **Tuff-Core™** above & below windows

## Alpha II Room System

*Ideal for all-season use in moderate climates*



AVAILABLE COLORS: WHITE and ALMOND

- Structural, non-thermal framing
- Aluminum sliding windows with removable screens
- Dual **Duralite™** or **SmartGlass™ 60** dual glass
- Insulated **Tuff-Core™** above & below windows

## Omega I Room System

*Ideal for warm and moderately cool climates*



AVAILABLE COLORS: WHITE and ALMOND

- Structural, thermal framing
- Vinyl sliding windows with removable screens
- Single **Duralite™**
- Insulated **Tuff-Core™** above & below windows

## Omega II Room System

*Ideal for all weather conditions*



AVAILABLE COLORS: WHITE and ALMOND

- Structural thermal framing
- Vinyl sliding windows with removable screens
- Dual **Duralite™** or **SmartGlass™ 60** dual glass
- Insulated **Tuff-Core™** above & below windows

## Options & Upgrades:

- Patented **UL** listed electrical system
- Glass kickplates (area below windows)
- Glass transoms/trapezoids (area above windows)
- Roof shades (available on Straight & Curved Eave Sunrooms)
- Roof glass (available on Straight & Curved Eave Sunrooms)
- 3' full-view pedestrian doors
- 6' sliding door
- 8' sliding door
- 6' French doors
- Decorative grid bars (between glass) available in all dual pane doors
- Ceiling fan beam

SEE PAGE 27 FOR DETAILS ON  
OPTIONS AND UPGRADES

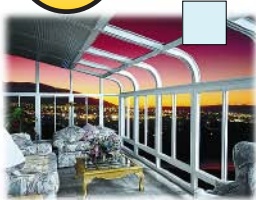


# Room Order Form

Follow the steps below to design your own sunroom. It's simple!

**STEP**  
**1**

## Select The Room Type You Desire:



**Curved Eave Sunroom**  
(pages 2 – 5)



**Straight Eave Sunroom**  
(pages 6 & 7)



**Conservatory Sunroom**  
(pages 8 & 9)



**Gabled Room**  
(pages 10 – 15)



**Patio Room**  
(pages 16 – 21)

**STEP**  
**2**

## Select The Room Projection and Sidewall Options:

Start by estimating the size of your new room using the grid and illustrations on the following page. Then refer to the Design Guide section on pages 28 & 29 and find the closest standard projection (distance from house). Also look for the desired sidewall option (i.e., Windows Only, with Pedestrian Door or with Sliding Door) and denote the side wall option number for both right and left walls.

\_\_\_\_\_  
*Desired Room Projection*

\_\_\_\_\_  
*Right Wall Option Number*

\_\_\_\_\_  
*Left Wall Option Number*

**STEP**  
**3**

## Select The Room Width and Attachment Height:

Again, using the grid and illustrations on the following page, determine the approximate measurements for both the room width and attachment height. Then refer to the Front Wall Room Widths chart on page 28 and find the closest standard room width. Also refer to the Attachment Heights chart to choose the standard height that will work for your new room.

\_\_\_\_\_  
*Front Wall Room Width*

\_\_\_\_\_  
*Attachment Height*

**STEP**  
**4**

## Select The Room Package and Available Upgrades:

Listed on page 29 are the four room packages we offer – the Alpha I, Alpha II, Omega I and Omega II room systems. The features of these rooms are shown on pages 24-26. Choose your room package based on your geographical location and which seasons you are most likely to use your room. Refer to page 27 to view the available options and upgrades. Depending on the primary needs and uses of your new room, check any upgrades you desire to have included in your room.

- |   |   |
|---|---|
| <input type="checkbox"/> UL listed and patented electrical system       | <input type="checkbox"/> 3' glass pedestrian door   |
| <input type="checkbox"/> Glass kickplates (area below windows)          | <input type="checkbox"/> 6' sliding door  |
| <input type="checkbox"/> Glass transoms/trapezoids (area above windows) | <input type="checkbox"/> 8' sliding door  |
| <input type="checkbox"/> Roof shades (available on Sunrooms)            | <input type="checkbox"/> 6' French doors  |
| <input type="checkbox"/> Roof glass (available on Sunrooms)             | <input type="checkbox"/> Decorative grid bars (between glass)<br>available for all dual glass windows & doors |
|   | <input type="checkbox"/> Ceiling fan beam   |

**Note: See dealer for option variations**

<input type="checkbox"/>	
AVAILABLE COLOR:	<input type="checkbox"/> WHITE <input type="checkbox"/> ALMOND
<input type="checkbox"/>	
AVAILABLE COLOR:	<input type="checkbox"/> WHITE <input type="checkbox"/> ALMOND
<input type="checkbox"/>	
AVAILABLE COLOR:	<input type="checkbox"/> WHITE <input type="checkbox"/> ALMOND
<input type="checkbox"/>	
AVAILABLE COLOR:	<input type="checkbox"/> WHITE <input type="checkbox"/> ALMOND

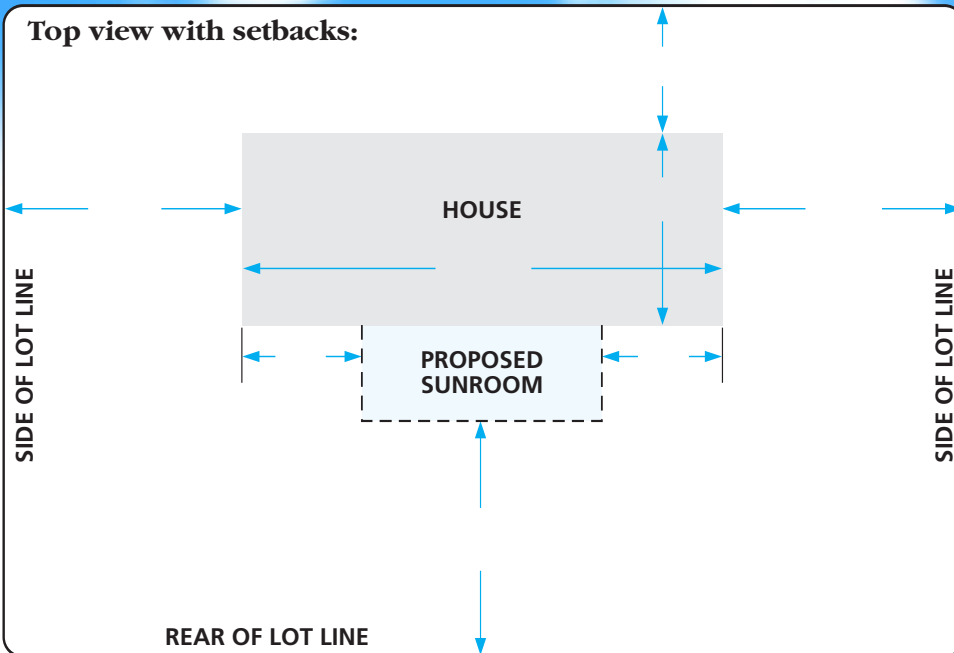
## Additional Project Requirements and Notes:

_____	_____
_____	_____
_____	_____



# Installation Layout & Details

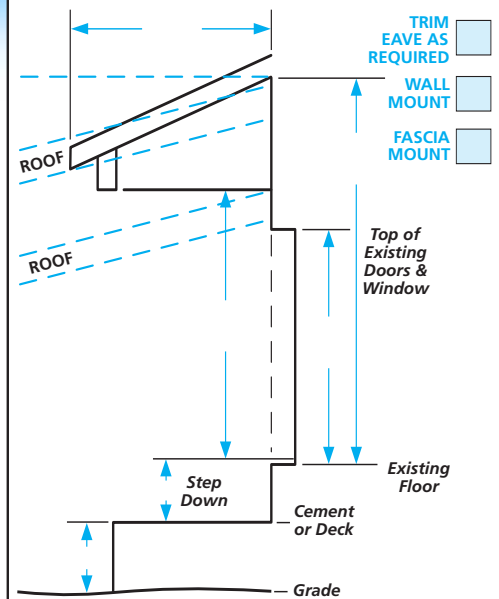
## Top view with setbacks:



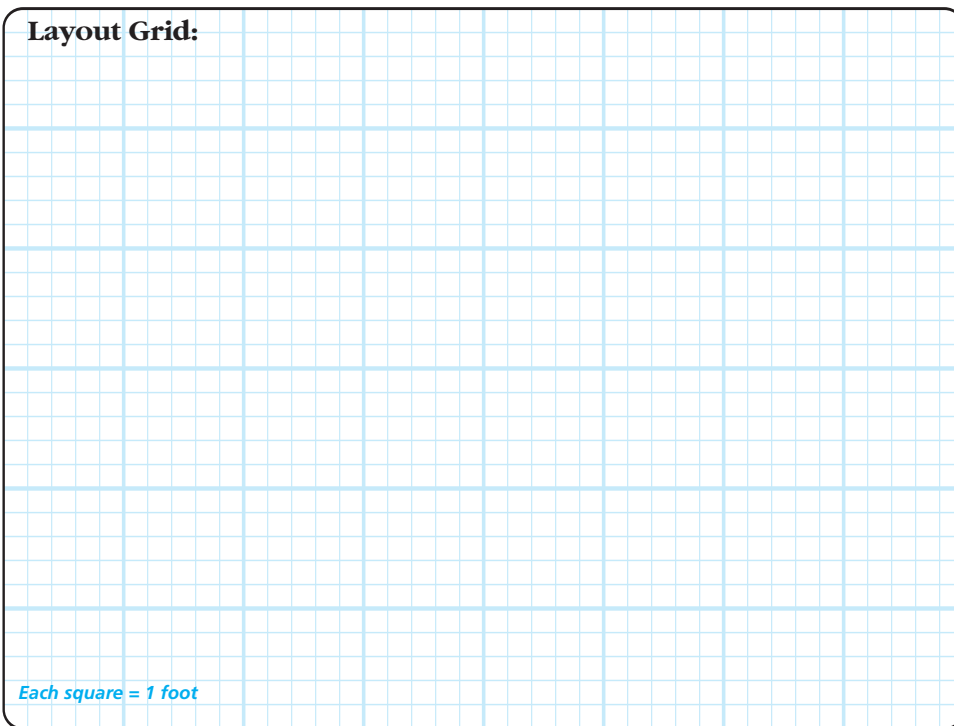
Use Above as a Shadow Drawing to Grid

## Proposed Mounting:

Indicate Roof Mount by Marking Dotted Lines Solid



## Layout Grid:



Each square = 1 foot

Draw Layout of Room – Door Locations and Electrical Outlet Placement

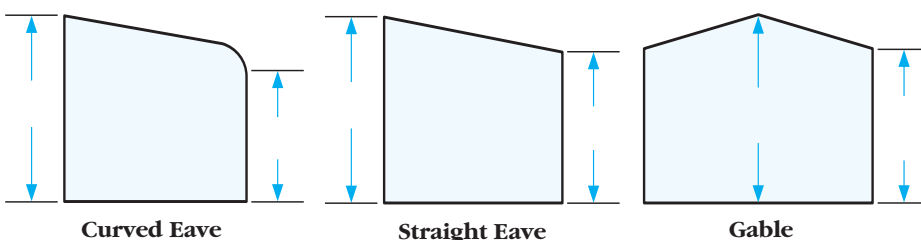
## Survey Checklist:

- ☐ Locate existing slab/deck, sidewalks and structures, such as swimming pools, etc.
- ☐ Identify interior rooms being enclosed. Is there proper egress per code?
- ☐ Is this project compliant with homeowner association requirements?
- ☐ Photo of critical areas, i.e.: attachment, electrical meter, etc.
- ☐ Is existing slab or deck above grade, in good condition and correct size?

## Moves and Removals:

- |   |                                       |
|---|---------------------------------------|
| <input type="checkbox"/> Overhead Lines               | <input type="checkbox"/> Trees        |
| <input type="checkbox"/> H2O Spigot/Pipes             | <input type="checkbox"/> Sprinklers   |
| <input type="checkbox"/> Gas Line                     | <input type="checkbox"/> Clean Out    |
| <input type="checkbox"/> Cable                        | <input type="checkbox"/> Phone        |
| <input type="checkbox"/> Dryer, Kitchen or Bath Vents | <input type="checkbox"/> A/C          |
| <input type="checkbox"/> Bedroom Window               | <input type="checkbox"/> Lights       |
| <input type="checkbox"/> Electrical Meter-Conduit     | <input type="checkbox"/> Septic Lines |
| <input type="checkbox"/> Cut Around Fireplace         | <input type="checkbox"/> Siding       |
| <input type="checkbox"/> Slab or Deck Removal         | <input type="checkbox"/> Eave Trim    |
| <input type="checkbox"/> Existing Structure Removal   |                                       |
| <input type="checkbox"/> Other:                       |                                       |

## Room Attachment Heights:







# C-Thru History

**HANDCRAFTED QUALITY SINCE 1947**

C-Thru Industries, Inc. (formerly known as C-Thru Aluminum Awning Co.), was founded by Stanley J. Albany in 1947. One of his basic business philosophies was – “Our customers deserve a quality product at a price they can afford.”

Being one of the pioneers in the patio industry, Mr. Albany’s contributions were great. Soon after establishing C-Thru, he was advertising and distributing the louvered window awning nationally. In the mid 1950s, he saw the need for quality and ethical standards to be set for the growing industry. To accomplish this, Mr. Albany helped form the first

Manufacturing and Retail Trade Association, to which he was elected its first president.

C-Thru then led the pioneering effort in producing such items as the structural aluminum patio cover, the patio room enclosure, safe integrated electrical raceway systems, and finally, the finest sunroom in the industry.

Mr. Albany passed on his belief in business integrity, and a legacy of “quality without compromise” to his two sons in December 1988. Kirk and Jason Albany are carrying on this heritage by maintaining the same high standards.

## APPROVALS AND SPECIFICATIONS



- I.C.C. Approval (International Conference of Building Officials)
- Meets or Exceeds UBC Codes (Uniform Building Code)
- Meets or Exceeds National Glass Code
- California State Housing Approval
- Florida Approval
- C.M.B.S.O.A. Approval (Security Windows)
- A-Rated Dual Glass (ALI Laboratories)
- U.L. Classified Patented Electrical Raceways
- AAMA Approved Windows and Doors
- 100% Made in the U.S.A.



***Our Lifetime Limited Material Warranty is unequalled by any other sunroom maker. Your new C-Thru Sunroom is warranted for life, as long as you own it!***

*It's simple – the best room has the best warranty.*

***Your Independently Owned and Operated C-Thru Dealer:***