Radiant Panels & Chilled Sails

Architectural Portfolio

Radiant panels & chilled sails improve thermal comfort while providing energy efficiency and contributing to LEED designation.

Visit price-hvac.com/sustainable for more information.

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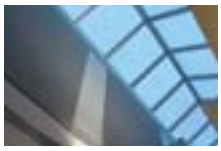
Radiant Panels & Chilled Sails

Architectural Portfolio

Price radiant panels are an excellent way to provide improved thermal comfort and energy efficiency while conforming into the architectural design of a space.

The following pages showcase the various configurations that Price offers, and provides images of past installations to illustrate how Price radiant systems can be installed in a variety of shapes, sizes, and finishes to satisfy the unique demands of each application.

Price invites the opportunity to work closely with your design team to produce a solution that is ideal for your unique design vision.



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Custom Linear Radiant Panels

Linear panels are at the heart of the Price panels offering, and can be customized in a variety of ways to suit specific architectural requirements. Some of the more common methods of customization are described below:

Curved
Linear panels can be curved to create a sleek, modern design.

Element Integration
Cutouts for lights, sprinklers, grilles, and registers can be integrated into panel construction to save ceiling space and improve aesthetics.

Support Integration
Panels can be built around building structural supports increasing design.

Custom Sizes
The length and width of each panel can be customized to fit the specific requirements of your design.

Security
Smooth-faced aluminum radiant panels are vandal resistant, making them ideal for high-security areas.

Pictured left to right:

01 Curved panels can provide perimeter cooling/heating in rooms with curved walls

02 Curved panels with lights integrated into the panel

03 Custom sizes can be used to fit panels into tight spaces


01


02


03

Modular Radiant Panels

Modular panels can be easily installed in an exposed grid acoustical ceiling system including both T-Bar and Tegular options:

T-Bar
Modular panels can be laid into traditional T-Bar systems.

Tegular
Tegular panels are available for a more streamlined appearance.

Security
Steel and aluminum Security panels are available for applications requiring a higher level of damage resistance.

Hinged Panels
For easy access to the space above, modular panels can be hinged, when connected with flexible hosing, to access any portion of the active ceiling space.

Pictured left to right:

01 Perforated block pattern modular panels installed in a tegular ceiling

02 Silk screening can be used to achieve a unique finish pattern or color

03 Perforated block pattern modular panels installed in a T-Bar Ceiling


01


02


03

Wall Mount Radiant Panels

Wall Mount radiant panels are an excellent way to integrate radiant panels into spaces where overhead panel systems are not practical, or when panels are chosen to be design elements in a space:

Bullnose
These panels are suitable in applications where the panels become design elements in the space.

Corner
Less of an architectural statement than the bullnose panels, Corner panels may be used in applications where design conditions require panels to appear more subtle.

Gym Panel (4" or 6")
Gym Panels are available in 4" widths for applications requiring a slimmer, more compact appearance, and 6" widths for applications where water lines are being run behind the panels. Panels have been designed to withstand most impacts, and streamlined to prevent objects from getting lodged on top of the panels.

Surface Mount Radiant Panels

While radiant panels are typically mounted in lay-in ceiling types, both linear and modular panels can be mounted to ceiling and wall surfaces for aesthetic or practical reasons:

Bullnose
Bullnose Panels may be mounted virtually anywhere such as interior corridors or walkways, or mounted along the perimeter of a room.

Corner
Corner Interior panels can be used to showcase the panel as an architectural element while corner exterior panels can disguise radiant panels as a subtle architectural element.

Pictured left to right:

01 Bullnose exterior surface mounted panels in a corner configuration

02 Surface mounted interior panels are an excellent way to transform radiant panels into an architectural element

03 Wall mounted panels are available in a variety of sizes to meet the demands of the space


01


02


03

Free Hang Radiant Panels

Free hang radiant panels are an excellent way to integrate radiant panels into building architecture, particularly in open ceiling spaces (converted warehouses, schools, etc.), or in spaces where the ceilings would be otherwise too high for radiation to be an effective method of heating and cooling:

Turn Up
Turn up panels are the most common free-hang panels, with a similar construction to ceiling mounted panels. Mounting can be either interior or exterior.

Bullnose (2" or 4")
Bullnose free hang panels give a softer appearance than turn-up panels and mounting can be either interior or exterior.

Corner Wall
Free hang panels can be used against a wall, particularly when the ceiling is too high for surface.

Bullnose Wall
The bullnose design can be used in exterior mounting applications.

Pictured left to right:

Free Hang panels are showcased as an architectural feature 01

Free hang bullnose panels are available in both 2" and 4" heights 02

Free-hang panels integrated in a space with high ceilings 03

01

02

03

Light Shelf Radiant Panels

Light Shelf Radiant Panels have been designed to reflect lighting deeper into the room, while offering the same energy efficiency benefits of other radiant panels:

Curved
Curved panels are available and are designed according to specific job conditions.

Corner
The most common profile for light shelf panels, the 4" corner shelf profile fits seamlessly with many building designs.

Bullnose
4" Bullnose shelf profiles are available as an alternative to corner panels for a different appearance.

Wall or Window Mullion Mount
Panels may be mounted directly against interior or exterior walls or against window mullions.

Activated Top
The activated top option adds capacity to the system and would be specified to increase the line of radiant sight to the upper area of a space.

Pictured left to right:

Straight, corner, wall-mounted 01

Straight, corner, window mullion mount 02

Straight, corner, window mullion mount 03


01


02


03

Architectural Chilled Sails

Chilled Sails are suitable for a variety of applications, including office boardrooms, retail spaces, auditoriums, or any spaces requiring higher cooling capacity than panels.

Chilled Sails may be used as architectural elements and integrated into a variety of ceiling designs to provide a unique design feature in a space

01

Pictured left to right:

Chilled sails form a striking architectural element to this modern boardroom 01

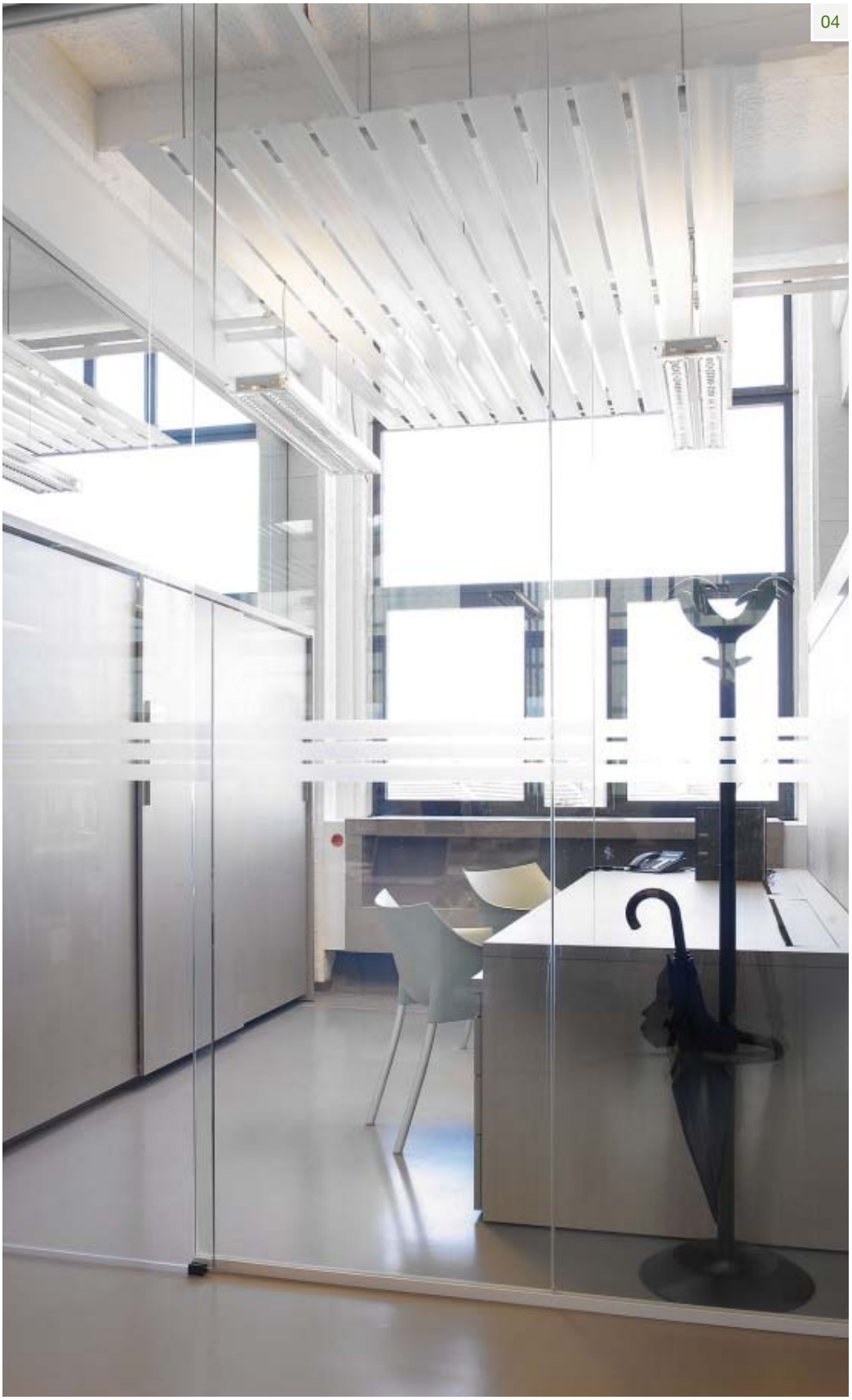
A unique chilled sail combined with custom flow slot diffusers are incorporated into this meeting space 02

Chilled sails can be mitered or shaped, significantly contributing to the architectural design of a project 03

Chilled sails in the free hanging cloud configuration add architectural appeal to this office while directly conditioning the occupant. 04

02

03



04

Concealed Chilled Sails

Chilled Sails are suitable for a variety of applications, including office boardrooms, retail spaces, auditoriums, or any spaces requiring higher cooling capacity than panels.

Chilled sails may be installed above other ceiling systems to be either completely hidden from view, or partially visible.

01

Pictured left to right:

01 Chilled sails are completely hidden behind the perforated ceiling in this retail store

02 Concealed chilled sails are utilized in this TV studio to help satisfy heat from the high lighting loads

03 Chilled sails provide additional cooling capacity in this theatre while blending into the ceiling

04 Concealed chilled sails are partially visible behind the perforated ceiling in this office building

02

03

04

Finish Options

Price can provide a variety of finish options to meet the architectural requirements of the space, including castellated, smooth, and continuous or block perforation. In addition, we can offer silk screening to match a variety of ceiling patterns and colours:

Castellated Finish
A castellated finish offers added dimensions and architectural appeal to the panels.

Smooth Finish
A smooth finish allows the panel to blend seamlessly into a space.

Smooth Perforated Block
A perforated finish has the advantage of allowing for sound attenuation used in conjunction with acoustical insulation behind the panel.

Smooth Perforated Continuous
Perforation can be block or continuous depending on architectural requirements.

Silk Screen Finish
Silk screening can be used to closely mimic many ceiling patterns and colours.

01

Pictured left to right:

Free hang panel with castellated finish 01

Custom painted modular panels with perforated block finish 02

Integrated access panel allows for convenient access without affecting the design of the space 03

Linear panels with smooth finish and integrated lights 04

Free hang linear panels with integrated sprinklers and a continuous perforation finish 05


02


04


03


05

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price INDUSTRIES

2975 Shawnee Ridge Court
Suwanee, Georgia USA 30024
Ph: 770.623.8050 Fax: 770.623.6404

- U.S. Head Office
- Price Technical Center
- Atlanta Manufacturing Facility

price INDUSTRIES

1290 Barrow Industrial Parkway
Winder, Georgia USA 30680-5704

- Atlanta Manufacturing Facility

price INDUSTRIES

999 North Thornton Road
Casa Grande, Arizona USA 85222-3809

- Price Technical Center West
- Phoenix Manufacturing Facility

price INDUSTRIES

638 Raleigh Street
Winnipeg, Manitoba Canada R2K 3Z9
Ph: 204.669.4220 Fax: 204.663.2715

- Canadian Head Office
- Price Research Center North
- International Sales Office
- Winnipeg Manufacturing Facility

price INDUSTRIES

130B Pippin Road
Vaughan, Ontario Canada L4K 4X9

- Toronto Manufacturing Facility

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