

Case Study

Residential

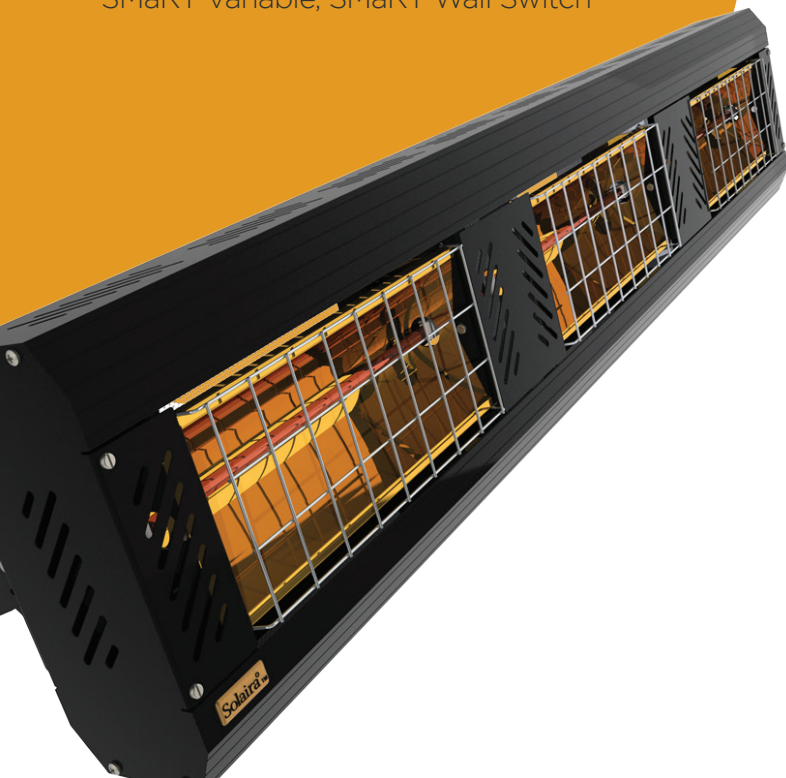
Install Location:

Princetown Harbour, Cape Cod, MA

Parties Involved: Homeowner, ICP, Solaira

Application: Residential

Products Used: Solaira ICR Series,
SMaRT Variable, SMaRT Wall Switch



Background

The colonial style residences within Cape Cod, have historical charm and nobility. Dating back to the 1800's to homey colonial revival capes of the 20th century. Considering the location of Cape Cod, homes were built to withstand harsh New England weather. The homeowner requested a replacement for an insufficient heater he had purchased 3 years previously that was not distributing enough heat for the requested location.

Challenges

Cape Cod is wonderful within the fall season but can experience cold, damp, and windy conditions during New England autumn days. Adding outdoor comfort heat can be challenging given Fall and Winter seasons and the weather it provides.

Given the steep mounting height of approximately 10ft, with exposed sides, the approach for this installment was evaluated for a complete outdoor fix. The customer also expressed concerns of high winds and damp conditions that could hinder the project and product selection. The heater also required full controllability when it was necessary.





Solution

The Solaira design team recommended the IP55 Solaira ICR Series heater. The ICR Series heaters are approved for rain, snow, and wind exposure with a mounting bracket system.

Alongside a ceiling mount installation, positioned above the seating area, and a control system to manage an on/off command authority.

Conclusion

The application was a successful integration of heat rise management and control system.

The customer is now able to enjoy his new climate controlled outdoor living area while viewing Provincetown Harbor and Cape Cod Bay during frigid conditions.



David,
Provincetown,
Cape Cod, MA

We had a good test of the new Solaira heater, and it was amazing. There was a stronger breeze that would have made it chilly sitting outside on our second-floor deck, but our new heater kept us warm.”

Insight Consumer Products Incorporated

Insight Consumer Products Inc. was established in 2004 with a vision to advance the latest high performance radiant technology in engineered heating and control solutions. Our technologies are centered on high efficiency, performance and exceptional quality for long-term performance. Our technologies are utilized globally and in the most severe environments.