



Case Study

Avenue One

Install Location:

Vancouver, British Columbia, Canada

Parties Involved: ICP, Solaira

Application: Residential, Multi Family

Products Used: Solaira ICR Series,
Solaira Timer Control

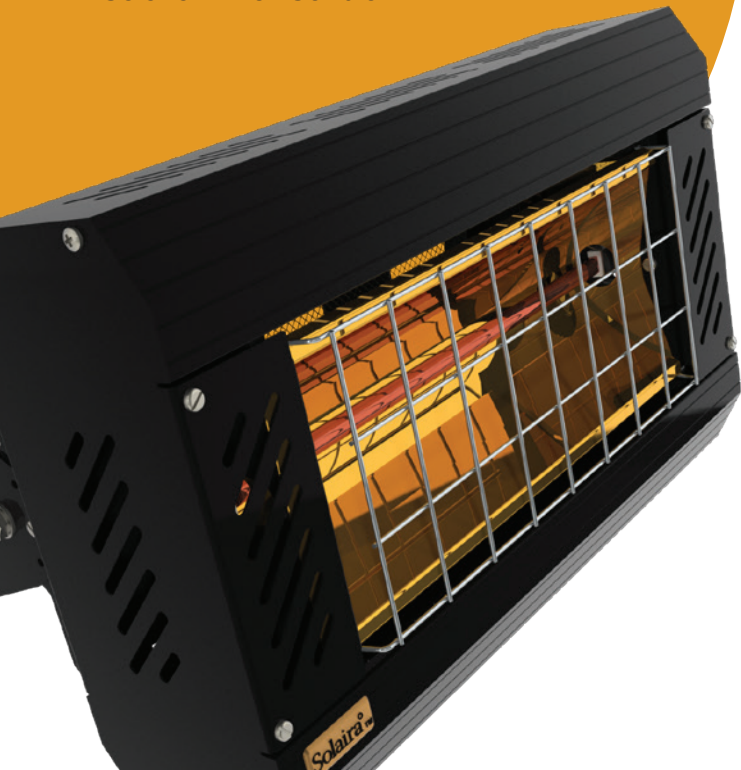
Background

The Concord Pacific development group pride themselves in designing architecturally focused, amenity driven condominium buildings with features that enhance owner comfort and value. Avenue One is an 18-story curved building with a stunning view of False Creek in Vancouver's Pacific Delta. The architects sought to expand the individual suite applicable space by adding radiant comfort heat and sun/wind shades on the patios.

Challenges

The Electrical and MEP engineers were challenged with finding suitable outdoor radiant patio heaters that could be semi-recessed into a decorative soffit and would be able to perform outdoors at up to 18 stories; while withstanding Vancouver's Pacific Ocean exposed wet, damp weather.

The technology also had to minimize electrical consumption and required timer controls with auto off to minimize users from accidentally leaving the heaters operable when not accessible.





Solution

The design team utilized the Solaira ICR Series heater, UL/CSA approved for recess applications and commissioned for low clearance mounting options for concrete applications.

The ICR Series heater were also selected due to the IP55 rating for fully exposed wet mounting environments. The heaters were also integrated with a Solaira SMaRT Push Button Controller that pre-sets a 30-minute count down timer with auto off functionality.

The timer has an indicator on-light and utilizes soft start technology to prolong the emitter life and reduce energy consumption.

Conclusion

Today Avenue One Condominiums boast beautiful waterfront views and gives condominium owners a comfortable patio temperature at the touch of a button.

Inforesight Consumer Products Incorporated

Inforesight 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.