

# AHR Expo 2015: Innovations in gas space heating

Professionals from the heating and cooling industries gather each year at the Air-Conditioning, Heating & Refrigeration (AHR) Expo to see the latest and greatest in industry products. Exhibitors have the chance to win an Innovation Award for their product, with entries judged on design, creativity, application and energy efficiency by ASHRAE Journal members.

National Grid offers financial incentives for these best-in-class innovations:

## **2015 AHR Expo Innovation Award winner**

The Superior Radiant Products® (SRP) Premier VS-VH Vacuum Series low-intensity gas infrared heater won for its Accu-Rate modulating control system. Highlights of this new product include:

- Smaller, in-series burners for greater layout flexibility
- Thermal efficiencies of up to 94 percent
- More precise position-tuned burner performance that enables independent zone modulation, reduced emissions and decreased system cost

## **Innovative ideas worth noticing**

For direct gas-fired unit heaters, Trane® upgraded and expanded its Expanse™ product line, which now features:

- A tubular heat exchanger for single piece construction
- Uniform heat transfer for increased efficiency (up to 83 percent non-condensing)
- Uniform distribution of heated air

With a compact design, the SA Series of unit heaters from Cambridge Engineering® was introduced for smaller applications, with efficiencies of 92 or 100 percent in a non-condensing unit. The proprietary burner is located downstream of the blower motor, resulting in more Btus per airflow and a maximum allowed 160°F discharge temperature with quick start-up.

**Innovate your facility with space heating upgrades. Contact your account manager, call 1-800-787-1706, or email [efficiency@nationalgrid.com](mailto:efficiency@nationalgrid.com).**