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Commercial Products Ease HVAC Onus - by Cherie Preville



DEALER DESIGN
AWARDS
the NEWS | GOLD

With the weight of the heating and cooling needs of a building and its occupants on its proverbial shoulders, commercial HVAC equipment has an enormous responsibility. HVAC contractors and technicians, shoulder the task of, among other things, properly installing and servicing these giants of the HVAC equipment world.

Besides offering features and benefits to meet an edifice's HVAC needs, the honorees of The NEWS' HVAC Commercial Equipment category in the sixth annual Dealer Design Awards ease contractors and technicians' burden by being easier to install and service. Lochinvar Corporation's Shield™ commercial water heater gained gold in this class, AERCO International, Inc.'s Benchmark 2.0 Low NOx Boiler brought home the silver, and the AAON LC Series chiller garnered bronze.



GOLD WINNER

Gold Winner: Lochinvar Corporation's SHIELD Commercial Water Heater is equipped with an advanced water heater control for easy system setup, service, and operation.

The Shield commercial water heater from Lochinvar® is a high-efficiency water heater with a design that protects from energy-robbing lime scale buildup. The water heater has 96 percent thermal efficiency and storage up to 125 gallons. Available in five models with inputs ranging from 150,000 to 500,000 Btuh, Shield is designed for a wide range of commercial water-heating applications and can serve high-demand commercial applications through manifolded installation of multiple units.

Utilizing a fully modulating burner with 5:1 turndown, the water heater can fire as low as 20 percent of maximum input when demand is lowest, and increase to 100 percent for peak-demand periods, said the manufacturer.



"The NEG/REG sealed combustion system allows the unit to operate with inlet gas pressure as low as 4 inches of water column and delivers a quiet, environmentally friendly supply of heat," stated the manufacturer.

For more flexibility in installation, the unit offers rooftop or sidewall venting options, including conventional, direct vent, and concentric direct vent, all using PVC or CPVC pipe with vent runs up to 100 feet. The water heater is equipped with an advanced water heater control for easy system setup, service, and operation. The Smart Control™ features a two-line, 16-character backlit LCD display that provides readouts of setup, system status, and diagnostic information in words, not codes and includes night setback, time clock, alarm contacts, runtime contacts, and manual-reset high limit.

A judge of this category liked the anti-scale buildup design of the unit, commenting,

"This is a good forward direction for commercial water heaters. In some areas, the scaling is impossible to keep up with, especially when trying to maintain a green perspective."



<http://shield.lochinvar.com>



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