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THE HVACR CONTRACTOR'S WEEKLY NEWSMAGAZINE

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Commercial Controls Can Help Cut Costs, Increase Efficiency, And Boost Profits

By Mark Skaer Of *The News* Staff

Two products submitted in *The News*' first-ever Dealer Design Awards stood head and shoulders above the competition to capture top honors in the Commercial Controls, including Building Automation category.

The gold winner was the new HPC/LAC Low Ambient Controller and Head Pressure Controller from EDC International Inc. (Shelton, Conn.), which proved to be an eye-opener for *The News*' contractor-judges.

"Sounds like it will cut energy costs," summed up one contractor-judge.

"Good deal," wrote another.

John Staber, sales manager, EDC International, made a strong case for his company's product in the e n t r y form.

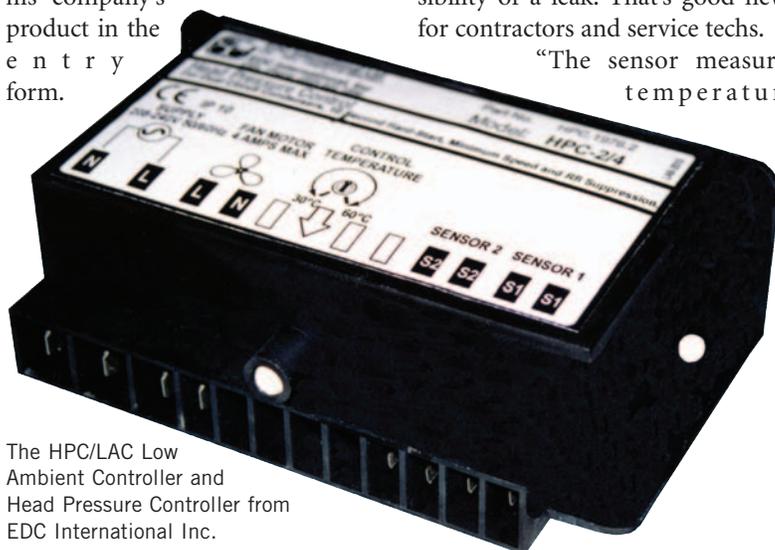
"This state-of-the-art controller is de-signed to optimize refrigerant pressures and cut energy costs of air conditioning and heat pump operation by adjusting the fan speed of the condenser," wrote Staber.

"This is achieved by sensing the refrigerant temperatures — thereby, pressure — to modulate the condenser fan speed to balance the high-to-low side circuit vapor pressure. This can significantly reduce the electrical consumption and increase the effective operation of the system."

Gold Winner

According to Staber and EDC International, the new HPC/LAC Low Ambient Controllers and Head Pressure Controllers can be installed without breaking into the refrigeration lines, thus eliminating the possibility of a leak. That's good news for contractors and service techs.

"The sensor measures temperature



The HPC/LAC Low Ambient Controller and Head Pressure Controller from EDC International Inc.

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DEALER DESIGN

A W A R D S

COMMERCIAL CONTROLS
INCLUDING BUILDING AUTOMATION

GOLD WINNER

EDC International Inc.
HPC/LAC Low Ambient Controller
And Head Pressure Controller

and, by laws of gases, thereby measures pressure," wrote Staber. "The installation is simple, quick, and accurate, and because we are not measuring pressure, the controller can be used with any refrigerant."

The installation and service benefits to the contractor cannot be overlooked, either.

"The HPC/LAC provides the installer with a tremendous tool that is simple to install, can cure some problems that occur from incorrectly sized cooling equipment, or installations that have cooling loads that vary widely during the day," said Staber. "The HPL/LAC Controllers offer the technicians a viable tool to provide their customers with an inexpensive addition to their air

conditioning system to optimize their energy dollars.”

According to EDC International, other head pressure controls using pressure sensors haven’t been capable of withstanding the high pressures necessary for some new refrigerants and have developed leaks.

“This brings up another good reason why we prefer a temperature sensor,” said Staber. “It is completely separate from the condensing unit itself, and is strapped around one of the return bends — an easy job to fit. And if it ever needs to be replaced, also an easy job. By contrast, to fit a pressure sensor, you need to break into the refrigerant system, and there’s always a potential source of leaks.”

For more information on the HPC/LAC Low Ambient Controllers and Head Pressure Controllers, visit www.edcinternational.com. ©



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