



# Daikin Rebel is the First to Meet Department of Energy Rooftop Unit Challenge

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## Rooftop Unit Delivers 60-70 Percent Energy Savings for Commercial Buildings

The Daikin McQuay Rebel Rooftop Unit. (PRNewsFoto/Daikin McQuay)

MINNEAPOLIS, June 12, 2012 /PRNewswire/ -- Commercial building owners take note – it is now possible to save a staggering 60 to 70 percent on HVAC energy costs over traditional rooftop units. HVAC manufacturer, Daikin McQuay, has become the first and only company to meet the Department of Energy's (DOE) [Rooftop Unit \(RTU\) Challenge](#) with its Rebel™ commercial [rooftop](#) system.

(Photo: <http://photos.prnewswire.com/prnh/20120612/CG23075>)

According to the DOE challenge, participating HVAC manufacturers need to satisfy a DOE-issued specification for energy savings and performance. This includes meeting an integrated energy efficiency rating (IEER) of 18 or higher with a 50 to 60 percent reduction in energy use over current standards.

The DOE and independent testing organization Intertek, conducted the performance testing for the challenge. The testing confirmed manufacturer claims that the Rebel commercial rooftop system exceeds the DOE's [energy savings](#) and performance specifications with part-load efficiencies of up to 20.6 IEER and energy savings of up to 60 to 70 percent. As a result, the Rebel system offers the lowest total cost of ownership with complete system payback in as little as two years.

As stated by the DOE, the performance and energy savings is important because commercial buildings account for 18 percent of U.S. energy use and could save businesses over \$1 billion dollars each year in energy costs if all 10 to 20 ton RTUs met the specifications of the challenge, helping American companies be better able to compete on a global scale.

"If there were ever a time to reevaluate a building's commercial rooftop unit, it's now," said Don Winter, vice president of marketing at Daikin McQuay. "Early applications are showing that Rebel is performing even better in the field than in the lab."

Winter went on to state that comprehensive details on the testing are available through Daikin McQuay for commercial building owners and management teams interested in calculating payback or conducting an energy analysis for their specific buildings.

Daikin McQuay, as part of its parent company Daikin Industries, is the world's largest heating, ventilation, air-condition and refrigeration company in the world. Rebel is now available in unit sizes ranging from 3 to 12 tons. The wide range of features and benefits of Rebel make the energy efficient unit ideal for any low-rise application like schools, retail, offices, or medical buildings.

For more information about the Rebel rooftop system visit [www.DaikinMcQuay.com](http://www.DaikinMcQuay.com). To view details on the DOE challenge, visit [http://www1.eere.energy.gov/buildings/alliances/rooftop\\_specification.html](http://www1.eere.energy.gov/buildings/alliances/rooftop_specification.html).

#### **About Daikin Industries Ltd.**

[Daikin Industries, Ltd.](http://www.daikin.com) is a Fortune 1000 company with 2011 revenues in excess of \$13 billion and more than 40,000 employees worldwide, making it the number one commercial HVAC manufacturer in the world. Daikin is engaged primarily in the development, manufacture, sales and aftermarket support of heating, ventilation, air conditioning and refrigeration (HVACR) equipment, refrigerants and other chemicals, as well as oil hydraulic products. Daikin was named one of the [100 most sustainable corporations](#) for three years in a row by Corporate Knights, Inc. For more information, visit [www.daikin.com](http://www.daikin.com)

#### **Daikin McQuay**

[Daikin McQuay](http://www.DaikinMcQuay.com), a member of Daikin Group, offers industry-leading HVAC technologies that provide innovation solutions to customers around the world. The Daikin McQuay product line offers energy efficient and environmentally friendly commercial HVAC systems through a global network of dedicated sales, service and parts offices. For more information or the name of your local Daikin McQuay representative, call 800-432-1342, or visit [www.DaikinMcQuay.com](http://www.DaikinMcQuay.com).

#### RELATED LINKS

<http://www.daikinmcquay.com>

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