



News & Information

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Daikin AC Releases Guidelines for ASHRAE Standard 15 and 34 Considerations for VRV/VRF Systems

Carrollton, TX – (June 11, 2013) – Daikin has recently released a technical article discussing how VRV systems, using distributed refrigerant technology, can be designed adhering to ASHRAE Standards 15 and 34. These standards specify compliant design, construction, installation and operation of refrigeration systems. Originally developed as a safety standard and recognized in October 1930, the scope of the Standard 15 has been expanded over the years but the features and technology of a VRV system have not been specifically addressed.

ASHRAE Standard 15 is an application-based standard, not an equipment design guide, so substantial engineering judgment can be required to follow the standard when designing a system. To that end, a step-by-step process is introduced, covering preliminary system layout, calculations, determining compliance, and remedial design actions, if required. Details under each step in the process provide specific suggestions and examples that can be used to help ensure the design of a system using VRV technology follows the standard. A reference checklist is also included to help facilitate the process.

“The question of compliance of VRV system designs with Standard 15 is one we get on a regular basis. We felt this article would assist engineers and contractors alike in considerations regarding their system designs, and in their conversations with local code enforcement,” said Lennart Stahl, Product Marketing Engineer. The article can be downloaded from <http://www.daikinac.com/content/resources/white-papers-and-guides/>

About Daikin AC (Americas), Inc.

Daikin AC offers North America intelligent heating and cooling solutions with superior energy performance and sophisticated design. The company, based in Carrollton, Texas, is a subsidiary of Daikin Holdings (USA), Inc., which is owned by the Japan-based Daikin Industries, Ltd. Daikin's products are sold in more than 100 countries internationally and the company earned a combined US \$15.2 billion in sales in FY2011 making it the largest HVAC manufacturer in the world. Daikin has over 50,000 employees worldwide and has close to 200 subsidiaries and affiliates. Daikin Industries, Ltd is a publicly held company traded in Japan, and traded on the Tokyo Stock Exchange.

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