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Trane Upgrades, Expands Unit Heater Product Line to Offer Comprehensive Heating Solutions for Commercial Applications

More efficient tubular heat exchanger now standard on most models

Davidson, N.C., Jan. 14, 2015 – [Trane®](#), a leading global provider of indoor comfort solutions and services and a brand of [Ingersoll Rand](#), has upgraded and expanded its [Expanse™ unit heater](#) product line. The redesigned gas unit heaters now feature a tubular heat exchanger, standard on most models. Trane is the first company to offer a complete line of tubular heat exchanger heating solutions, which are more reliable and efficient than older clamshell style heaters.

Single piece construction is the key advantage tubular heat exchangers have over conventional clamshell models. The tubular design provides uniform, maximized heat transfer for increased efficiency and has a low-pressure drop, which enables heated air to be evenly distributed. The curved design is not welded, which means it experiences less thermal stress for improved reliability.

“Heating costs can be a large part of any facility’s operating budget, and enhancing HVAC systems to maximize efficiencies can go a long way to reduce overall operating costs,” said Eve London, terminal product manager at Trane. “The tubular heat exchanger improvement provides operating efficiencies up to 82 percent for duct furnaces and up to 83 percent for unit heaters, the highest available in non-condensing units.”

Trane offers one of the most comprehensive unit heater portfolios in the industry, including gas fired, hydronic, electric and cabinet units, ensuring there is a solution for most buildings. Expanse heaters are ideal for commercial real estate, municipal buildings and industrial and institutional facilities. Popular applications include warehouses, manufacturing floors, automotive bays, retail buildings, military barracks, gymnasiums, hallways, restrooms and public lobbies.

Space limitations and clearance heights are often primary considerations when updating mechanical systems during renovation projects. With this in mind, Trane now offers low-profile unit heating options. The ETL certified gas fired low profile unit heater (GT) is over more than 82 percent efficient and available in sizes from 30 to 120 MBh. The gas fired low profile duct furnace (GU) is 82 percent efficient and available in sizes from 100 to 400 MBh.

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Trane recognizes that some customers require traditional clamshell style heating options for replacement applications. To support this request, Trane will continue to offer two models of clamshell style duct furnaces as long as pending regulations allow.

To learn more about the Trane Expanse family of unit heaters, please visit trane.com/expanse.

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About Ingersoll Rand and Trane

Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands — including [Club Car](#)[®], [Ingersoll Rand](#)[®], [Thermo King](#)[®] and [Trane](#)[®] — work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$12 billion global business committed to a world of sustainable progress and enduring results.

Trane solutions optimize indoor environments with a broad portfolio of energy efficient heating, ventilation and air conditioning systems, building and contracting services, parts support and advanced control. For more information, visit ingersollrand.com or trane.com.

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