



## Facts about the Odyssey™ Split System

### What is the Odyssey Split System?

The Odyssey™ system consists of an air handler located inside of a building and a condensing unit located outside of a building. Refrigerant lines connect the two

pieces, and ductwork is connected to the air handler to provide cooling and heating to the building. This solution is ideal for applications such as schools, strip malls, warehouses and churches.

The Odyssey line is available in factory-assembled split system condensing units, heat pumps and air handlers. The units range from six to 20 tons.

Odyssey delivers the flexibility to select a complete system that meets specific job requirements. Air handlers are designed, tested and rated with condensing units to allow selection of the proper match between capacity and load.

Condensing units can also be matched with Trane built-up air handlers. These matched systems can be quickly engineered for specific applications using Trane's computerized selection and load programs.



### Features

The Odyssey split system product line includes heat pump and condensing units and single, unloading and dual-compressor options. The single-compressor models feature single refrigeration circuitry, lowering job installation costs by requiring only one set of refrigerant lines. These units are ideal for low-cost, new construction jobs as well as renovation and replacement projects.

Equally important, Odyssey offers a single refrigerant circuit/capacity unloading compressor option in 10-, 15- and 20-ton condensing units. These unloading units feature dual manifolded scroll compressors. This solution is optimal for both new construction and replacement jobs with two stages of capacity modulation and a single refrigeration circuit.

Odyssey dual compressor units also give dependable standby protection. If one compressor fails, the second will automatically start up. The first compressor can be serviced without shutting down the unit because refrigerant circuits are independent.

Dual compressors also reduce energy costs. Most buildings are designed for the peak load requirements, yet the building usually operates at less than peak load. During light load conditions, only one compressor functions to maintain the space comfort, reducing utility requirements.

### Benefits

Odyssey provides flexibility, serviceability, reliability and durability with superior performance. The factory-packaged systems provide ease of installation with lower cost of ownership. The system provides tomorrow's efficiencies (which are up to 12 percent higher than current mandates) today.

### Key Markets

Odyssey split systems are applicable across many markets including education, commercial real estate, retail and government buildings, among others.

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### About Trane

Trane, a business of Ingersoll Rand - the world leader in creating and sustaining safe, comfortable and energy efficient environments - improves the performance of homes and buildings around the world. Trane solutions optimize indoor environments with a broad portfolio of energy efficient heating, ventilating and air conditioning systems, building and contracting services, parts support and advanced controls for homes and commercial buildings. For more information, visit [www.Trane.com](http://www.Trane.com).

Reporters may contact: Joan Schimml, (651) 407-3897, [joan.schimml@trane.com](mailto:joan.schimml@trane.com).

