



Trane® Precedent™

3- to 10-ton light commercial rooftop units



The right size for high comfort. The lowest installed cost and lowest total cost of ownership.



Most Trane Voyager rooftop units can be ready in as few as two weeks—the fastest delivery time in the industry—so your project doesn't get delayed while waiting or equipment.

When it comes to HVAC expenses, every dollar counts. From your initial investment to monthly utility costs and maintenance, a light-commercial rooftop unit can have a significant impact on your bottom line—which is why a Trane® Voyager™ light-commercial rooftop unit can be the perfect choice.

No competing light-commercial rooftop unit has a lower installed cost than the Trane Voyager and with its industry-leading efficiency and low maintenance requirements, no other unit has a lower total cost of ownership.

And once you've made the wise decision that a Trane Voyager light-commercial rooftop unit is the right solution for your building, it's good to know that no other light-commercial rooftop unit can be delivered as quickly as the Trane Voyager, with most units ready in as few as two weeks order to ship.

The lowest costs. The highest efficiency. The fastest delivery time. For all these reasons and more, a Trane Voyager light-commercial rooftop unit isn't just the perfect choice—it's the only choice to extend the life of your building and improve the lives of those within it.



Ultra-high efficiency means ultra-low operating costs

Precedent ultra-high efficiency models continue the Trane tradition of leadership in energy efficiency with these innovations:

- Trane eFlex™ variable-speed compressors and fans (available fall 2013) deliver the performance building occupants need, while also delivering the efficiency building owners want. By precisely matching output to the cooling demands of the space, Trane eFlex compressors and fans operate at their fastest levels when demand is high, and modulate to slower levels when demand is less, for an ultra-high Energy Efficiency Ratio (EER, which measures efficiency at peak output) and Integrated Energy Efficiency Ratio (IEER, a measurement of efficiency at variable workloads). The result: lower energy use and smaller energy bills.
- Trane eDrive™ direct-drive fans save energy and operate more quietly than competing units. These highly efficient fans feature a beltless design, which reduces maintenance over the lifetime of the unit and lowers operating costs.

Customized to fit your unique needs and delivered quickly

Because Trane recognizes that every building is different, we offer a wide range of factory-installed options on Voyager rooftop units, such as coated condenser coils, stainless steel drain pans, unit-mounted circuit breakers and more. Every Voyager unit can be customized to meet your exact needs, so you don't have to compromise.

Factory-installed options are rigorously tested to dramatically reduce the amount of time and money spent installing and commissioning units in the field, as well as the chances for installation errors. Even the most highly configured Voyager units are ready in as few as two

weeks—the fastest delivery time in the industry. You'll spend less time waiting for your new Voyager rooftop unit and more time enjoying its cooling performance.

The Trane Human Interface Panel: More information, more effectively delivered

The optional Trane Human Interface Panel (available fall 2013) represents a breakthrough in unit controls, delivering comprehensive information about system performance on a large, easy-to-read color touchscreen display. Unlike competing displays, information shown on the Human Interface Panel is understandable at a glance—without requiring time-consuming decoding. Technicians can quickly and easily monitor important system operating parameters in real time, and compare current information with past performance—information that can be invaluable in keeping your Voyager rooftop unit working optimally. The Human Interface Panel also allows technicians to change certain system set points right from the panel, aiding in start-up, preventive maintenance tasks and troubleshooting.

Trane Intelligent Services for 24/7 peace of mind

The available Trane Intelligent Services (TIS) can monitor and evaluate real-time data from Voyager units around the clock, 365 days a year. If an immediate or potential problem is detected, Trane can notify the building operator or dispatch technicians to the equipment's location. Continuous monitoring and expert data analysis can allow problems to be addressed quickly, reducing the likelihood that building occupant comfort will be impacted.

Comfort and low cost of ownership

Trane combines technological innovation with legendary reliability and performance to create the lowest cost of ownership. Trane® Voyager™ rooftop units not only offer the lowest installed cost, they also can reduce utility bills and maintenance requirements to create the lowest total cost of ownership in units that can operate at peak performance for as long as 20 to 30 years.

A Trane eFlex variable-speed compressor and fan technology (Available fall 2013)

Trane® eFlex™ variable-speed compressors and fans deliver the performance building occupants need, while also delivering the efficiency building owners want. By precisely matching output to the cooling demands of the space, Trane eFlex compressors and fans operate at their fastest levels when demand is high, and modulate to slower levels when demand is less, for an ultra-high Energy Efficiency Ratio (EER, which measures efficiency at peak output) and Integrated Energy Efficiency Ratio (IEER, a measurement of efficiency at variable workloads). The result: lower energy use and smaller energy bills.

B Trane eDrive direct-drive fan technology

Trane eDrive™ direct-drive fans save energy and operate more quietly than competing units. These highly efficient fans feature a beltless design, which reduces maintenance over the lifetime of the unit and lowers operating costs.

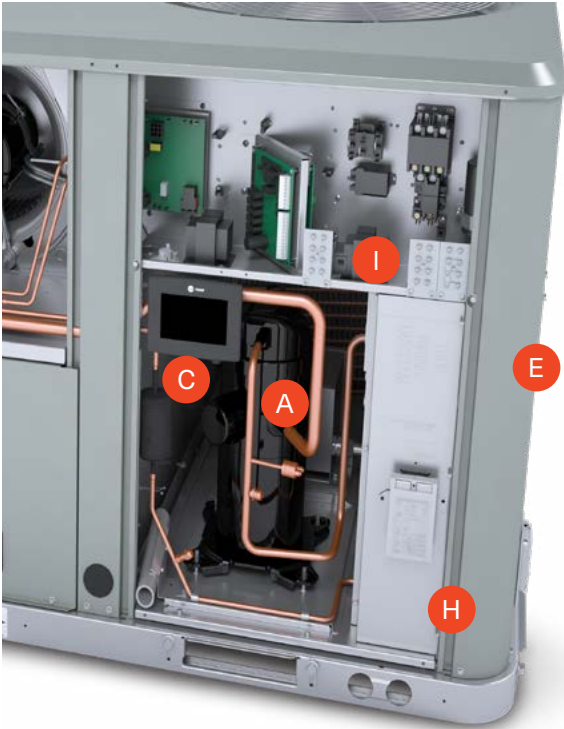
Variable-air-volume (VAV) option (not shown)

Precedent rooftop systems offer both single-zone and multi-space VAV. ReliaTel™ controls can integrate with existing VAV solutions to interface with both Tracer™ and Tracker™ control platforms. Together, they deliver energy efficient solutions for every building need—and require minimal setup and commissioning. With the single-zone VAV option, the system modulates indoor fan and stage compressors as space temperature changes, for increased part-load efficiency and more precise temperature control.



C Trane Human Interface Panel (Available fall 2013)

A large, easy-to-read color touchscreen display delivers important system information at a glance—without requiring time-consuming decoding. This factory-installed option allows technicians to quickly and easily monitor important system operating parameters in real time, and compare current information with past performance information that can be invaluable in keeping your Precedent rooftop unit working optimally. The Human Interface Panel also allows technicians to change certain system set points right from the panel, aiding in start-up, preventive maintenance tasks and troubleshooting.



D **MERV 8 and MERV 13 filters**

High-efficiency filtration for better indoor air quality and occupant comfort. Using a MERV 13 air filter, Voyager can remove contaminants as small as 0.3 micron in size, which can include bacteria, cooking oil, smoke, insecticide dust and paint pigments.

E **All-aluminum microchannel (MCHE) condenser coil** *(not shown)*

A more environmentally friendly condenser coil features improved durability and reliability. A recessed design protects fins from incidental damage, while increased coil rigidity enhances durability. The coil's design dramatically reduces the opportunity for leaks, and all-aluminum construction minimizes corrosion and eliminates formicary corrosion. An optional coil coating can further safeguard against corrosion. The coil also uses less refrigerant, making it more environmentally friendly and meeting the requirements of LEED EA Credit 4.

Hot gas reheat *(not shown)*

Heat energy is recycled from the compressor to reduce indoor air humidity, eliminating the need for a separate heat source to do the job which saves energy and money. Maintaining proper indoor humidity levels improves indoor comfort and can eliminate costly moisture-related damage to the building.

F **Double-sloped condensate drain pan**

Non-corrosive, double-sloped, reversible condensate drain pan is easy to install and easy to clean, with stainless steel construction available as an option.

G **Foil-faced insulation** *(not shown)*

Foil-faced insulation edges are captured and sealed, reducing the chance for insulation fibers to enter the air stream and clog filters, which reduces maintenance needs and costs.

H **Hinged access doors**

Easy entry to the unit's service access areas reduces maintenance time—and reduces the opportunity for roof damage, too.

I **Color-coded, numbered wiring**

Faster identification of wires helps save time and money when servicing and diagnosing the unit.

Trane solutions: Making buildings better for life



Performance

Trane® products are designed, engineered, built and tested to be solid performers, quietly doing their jobs year after year with minimal need for maintenance and repairs. The Trane Voyager™ light-commercial rooftop units build on a long history of efficient, durable, high-performance HVAC products. And Trane has the Building Information Modeling (BIM) objects to support your building design. Trane BIM objects represent your exact specifications and are pre-populated with data unique to each product configuration, saving time, increasing accuracy and improving how buildings are constructed.

Innovation

Founded a century ago on the belief that imagination and inspiration can overcome any obstacle, the Trane legacy of technological breakthroughs has made it an industry legend. Today's Trane Voyager rooftop units contain numerous innovative solutions to boost performance and efficiency while maintaining high levels of reliability.



Commitment

The Trane commitment to our customers' satisfaction begins before a product is installed and lasts for that product's entire life. As a company, our livelihood depends on the Trane reputation—and the Trane reputation depends both on our products' performance as well as our relationships with customers. We want every Trane customer to stay a Trane customer. Our commitment to those customers reflects that wish.

Knowledge

To become and remain an industry leader requires a full understanding of existing knowledge and a never-ending quest for new discoveries. For one hundred years, Trane has built and maintained its leadership status in the HVAC industry by employing the brightest and most inquisitive scientists, engineers and design experts—all of whom share a singular passion to know and explore the ever-evolving technology that improves the lives of our customers.

Visit [Trane.com/LCU](https://www.trane.com/LCU) for more information on Trane Precedent light-commercial units—or contact your local Trane account manager to learn more.

Learn more at trane.com



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit trane.com or tranetechnologies.com.

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RT-SLB027-EN
08/04/2020