



# Intellipak<sup>®</sup> Rooftop Unit

with Symbio<sup>™</sup> 800 Controller



# Maximize your outcome with minimal energy

## The industry-leading rooftop solution



### Energy Efficiency

Trane® IntelliPak® rooftop units have defined the category for more than 40 years with the highest customer satisfaction ratings in the industry. Now with insights from customers like you, our new Trane IntelliPak with Symbio™ 800 controller continues to have the industry's highest energy efficiency.

- **Improved double-wall cabinet** with foam-injected insulation features a thermal resistance of R-9, thermal breaks and an air infiltration rate of 0.5% at 1-inch wg. of static pressure
- **Upgraded variable speed technology** matches cooling demand to both compressor and direct-drive fan performance and delivers an IEER up to 17.8
- **Meets regulatory compliance** as all heat exchangers satisfy the 2023 Department of Energy code of at least 81% steady state efficiency
- **Enhanced modeling capability** with Trace® 3D Plus displays energy performance of selected unit at various capacity levels and ambient conditions
- **Validated energy savings** by a factory-installed electrical power meter

### Quality and Reliability

The long-time trusted industry leader in large rooftop HVAC solutions, Trane is making significant upgrades to the IntelliPak rooftop unit with Symbio 800 controller to ensure you have the highest quality and reliability available—performance that will meet your needs for years.

- **Adaptive Controls™** help avoid potential equipment disruptions during rapidly changing conditions
- **Enhanced compressor protection and reliability** enabled by the electronic expansion valves' ability to more accurately control superheat while transducers monitor pressure and operation in real time
- **Improved system redundancy and serviceability** as all units have two supply fans and one variable frequency drive for each supply fan
- **Better performance** due to no belts or sheaves maintenance or clogged filters with standard direct drive variable speed fans
- **Minimized wiring and electrical connections** with intelligent control components

## Flexibility

The Trane IntelliPak rooftop unit with Symbio 800 controller is designed to create the highest level of flexibility during project design, installation and operation — delivering the ultimate experience that satisfies customer requirements.

- **Accommodates all common integration methods** with multiple communication protocol options (BACnet® MS/TP, IP, Air-Fi®, LonTalk® and Modbus®)
- **Optimized for a variety of new construction applications** with a cabinet size reduced up to 30 percent in length
- **Supports a wider range of applications** as cabinet can operate at higher static pressure (+6 inches wg. on the fan outlet and -4 inches wg. on the fan inlet)
- **Assortment of fan diameter and width options** enables unit to meet customer's requirements (efficiency, performance, acoustics or cost)

## Symbio 800 Controller

Unleash the potential of your building with the all-new Trane IntelliPak with Symbio 800 controller for flexible installation, greater energy efficiency, proven reliability and secure system integration for a smarter, more connected building.



- **Application-specific and field-programmable controller** reduces project costs and enables customized sequence of operations
- **Simplified integration** with all common standard protocols, including BACnet (IP, MS/TP and Air-Fi wireless), Modbus and LonTalk
- **Enables remote connectivity** to monitor, analyze and maximize your building's performance
- **Superior controller diagnostics** from variable frequency drives communicating via Modbus and intelligent control components
- **Easy navigation** of the rugged 7-inch touch screen helps operators access data and alarms for quick and accurate response resolution

## Easy from start to finish

The leader in rooftop solutions simplifies everything



### Select

We make it easier to specify, select and engineer.

- Industry-leading energy efficiency integrated with Trace 3D Plus modeling capability
- Application-specific and field-programmable controller with expansion hardware
- Re-engineered selection tools with the customer in mind



### Build

Our culture of continuous improvement is committed to product quality.

- Extensive design validation and product testing
- Used Lean 3P (Production, Preparation, Process) tools to set up manufacturing operation
- Implemented training program for shop floor leadership and manufacturing associates



### Install

Flexibility and simplified integration minimizes cost and installation time.

- Multiple communication protocol (BACnet IP, MS/TP, Air-Fi, Modbus, LonTalk)
- Unit-specific points list included with submittal and shipped in unit
- 7-inch user interface improves navigation, data viewing and ability to make operation changes



### Perform

Get reliable operation and service throughout the unit's entire life cycle.

- Adaptive Controls pre-empt potential equipment disruptions during rapidly changing conditions
- Validate performance with factory-installed power meter and Trane Intelligent Services
- Improved diagnostics and service monitoring

Learn more at [trane.com](https://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](https://trane.com) or [tranetechnologies.com](https://tranetechnologies.com).

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