



Tracker™ Light Commercial Systems



Big building comfort and control... small building simplicity

Tracker™ Light Commercial Systems provide ideal heating, ventilating and air-conditioning (HVAC) solutions for office buildings, retail stores, medical buildings, restaurants and other light commercial properties. The controls and equipment in each operate as a seamless single system—providing the comfort and control expected from big building automation systems with the economy and simplicity appropriate for smaller buildings.

Engineered as a complete solution to small building needs, Tracker Light Commercial Systems are simple to:

- Select
- Install
- Commission
- Operate

Choose from a variety of common HVAC solutions to fit building requirements—such as constant volume HVAC equipment or changeover bypass zoning. Installation and commissioning tasks become routine by the simple wiring procedures and automatic configuration of the control network. Operating a system is easy using either an intuitive operator display with a touch screen or the associated PC-based software. Additionally, the remote access capabilities built into Tracker Light Commercial Systems make performing advanced diagnostics and scheduling preventive maintenance convenient.

Tracker Light Commercial Systems carry the Trane reputation for quality and reliability. We are committed to providing our customers the best in light commercial building management. These impressive products provide sophisticated building management... simply.

Tracker Light Commercial Systems provide pre-engineered solutions to the core tasks within the most common HVAC applications and the flexibility to easily accommodate additional HVAC or miscellaneous tasks.

- **Lower long-term building operation costs** through coordinated building management
- **Common HVAC applications**—save energy by using zoning to reduce equipment requirements
- **Automatic configuration**—minimize installation, commissioning and service costs
- **Building-wide controllers**—permit centralized scheduling and coordination of complex tasks
- **Simple operator interfaces**—facilitate monitoring and control by a variety of personnel (from highly technical to the occasional user)
- **Optional I/O components**—allow use of existing equipment, implementation of specialized control strategies (such as indoor air quality) and performance of other miscellaneous tasks (such as lighting control)
- **Modem/Ethernet connections**—facilitate remote monitoring and control of the building using workstation software
- **System-level functions**—enable scheduling, alarming, data trending and reporting that can be viewed “at a glance”



Tracker System CB

Tracker Light Commercial Systems are available in three options to accommodate most typical light commercial buildings:

Tracker System CV

*Constant volume equipment control
(integrates individual HVAC areas into a single, larger coordinated system)*

Tracker™ System CV provides reliable, centralized control of constant-volume HVAC equipment for optimum comfort and efficiency. This system is capable of controlling multiple (up to 24) constant-volume rooftop units and split single-zone systems—those manufactured by Trane as well as most others.

Tracker System CB

*Changeover-bypass zoning system
(constant-volume rooftop unit with multiple zones)*

Tracker™ System CB is a changeover-bypass variable-air-volume (VAV) system developed for light commercial applications. It combines the comfort benefits of VAV with the economy and simplicity of packaged, constant-volume unitary equipment. This system responds to changing cooling or heating requirements by varying the amount of air delivered to each zone. Each zone has its own thermostat for individual comfort control. A central (unitary) air-conditioning unit delivers a constant volume of air to the system. As the volume of air required by the zones changes, excess supply air is directed to the return duct by a bypass duct and damper.

It's easy to customize Tracker Light Commercial Systems to suit the needs of any facility...

For optimal comfort and efficiency, you can combine Tracker Systems in a single facility.

For example use:

- System CV for large open areas like the atrium or manufacturing floor
- System CB and System VAV for individual office spaces and meeting rooms

Tracker System VAV

*Variable-air-volume zoning system
(variable-air-volume rooftop unit with multiple zones)*

Tracker™ System VAV provides the efficiency and control of a true VAV system using a variable speed fan—normally found only on very large buildings—in an economical package suitable for medium-sized buildings. This system controls discharge air temperature and static pressure for optimum space comfort with minimum energy consumption.

Total System Support

Reliable and intelligent technology, solutions and systems are just the start. We have a dedicated team of professionals located at over 150 local offices in the U.S. and Canada and a network of over 200 parts centers to get you what you want, when you need it providing you support through the life of your building.

Trane can also help offset the cost of a new or renovated control system and/or equipment for an existing building utilizing a solutions-based approach that can help you pay without up-front capital. The demands for occupant comfort, energy efficient, environmental responsibility and regulatory compliance are high today and will continue to increase. Trane offers a full range of options to help you deal with these issues.



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