Tracker system constant volume (CV)

For multiple constant-volume rooftop units or split systems

The 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.

With the Tracker System CV you can—

- Install it quickly and easily saving time and reducing installations costs.
- Manage all scheduling and operating functions using a single touch-screen operator display located on the Tracker panel or at a PC workstation. Centralized control is efficient and effective providing improved productivity.
- Monitor and control the system remotely.
- Increase energy efficiency.
- Create custom alarms, custom trends, program simple routines, and generate reports.
- Monitor power consumption and automatically generate a power consumption report.
- Integrate with Tracker System CB and VAV Zoning to expand its capabilities.

System components

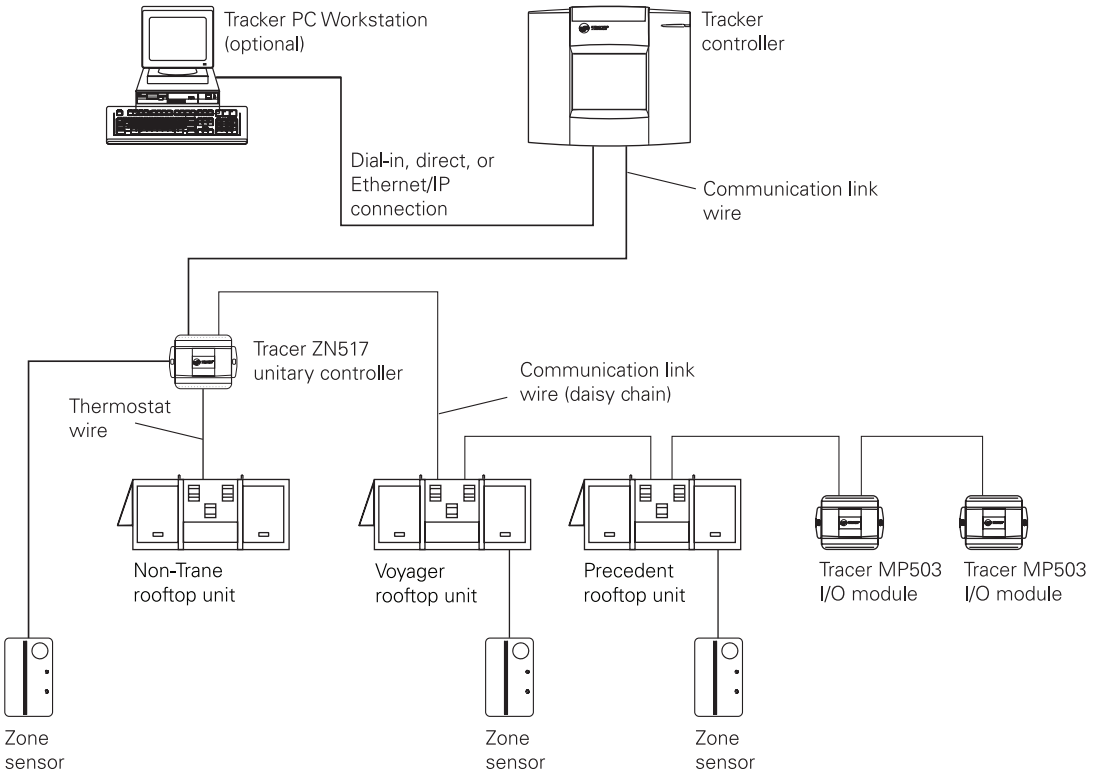
- The Tracker controller, model 12 or 24.
- Precedent™ and Voyager™ rooftop units, or Odyssey™ split systems with ReliaTel™ controls.
- Tracer™ ZN517 unitary controllers, which can be used to control the Odyssey split system as well as most rooftop units and split systems from other vendors.
- Tracer MP503 input/output modules, which allows additional points to be monitored and controlled.

System connection capacities

- The Tracker 12 controller—supports up to 12 rooftop units or split systems and 4 Tracer MP503 input/output modules plus up to 5 central control panels.
- The Tracker 24 controller—supports up to 24 rooftop units or split systems and 4 Tracer MP503 input/output modules plus up to 10 central control panels.

The Tracker controller

The Tracker controller provides central operation and control for the Tracker System CV. The Tracker controller includes a complete, factory-run-tested, three-piece assembly, which can be snapped together without tools:



Precedent, Voyager and Odyssey equipment with ReliaTel control

Trane offers a full range of Precedent™ and Voyager™ rooftop units and Odyssey™ split systems (from 3 - 50 tons). A reliable, intelligent factory-installed electronic controller called the ReliaTel™ is available on these rooftop units and most of the split systems. ReliaTel™ rooftop information automatically integrates into the Tracker™ system through a communication interface.

ReliaTel control has the following features and benefits—

- Eliminates the need for field-installed components, saving on time and materials.
- Built-in unit testing sequence is simple and convenient—no special tools are required.
- Visible LEDs indicate proper operation.
- The built-in soft start feature lessens electrical spikes by staging on fans, compressors, and heaters.
- Intelligent fallback feature keeps the rooftop unit operating at predetermined temperature setpoints.

The Tracer ZN517 unitary controller

- The Tracer™ ZN517 unitary controller provides a communicating interface that integrates non ReliaTel™ rooftop units or split system into the Tracker system. It controls Odyssey split systems and most other competitive rooftop units and split systems.

The Tracer MP503 input/output module

Tracer™ MP503 input/output (I/O) module is a multi-purpose device used to provide data monitoring and binary control as part of the Tracker System CV. It allows the Tracker controller to monitor wide variety of sensed conditions and provide equipment start/stop or other switched states. Each Tracker system has the capacity to control four Tracer™ MP503 modules giving a total of 16 universal inputs and 16 binary outputs.

TRANE

Trane optimizes the performance of homes and buildings around the world. A business of Ingersoll Rand, the leader in creating and sustaining safe, comfortable and energy efficient environments, Trane offers a broad portfolio of advanced controls and HVAC systems, comprehensive building services, and parts. For more information, visit www.Trane.com.

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