

Smoke control. Comfort Control. Trane offers one simple solution.



Virtually any building in which crowds of people are present requires a smoke control system. It's code in many public buildings. Hotels, prisons, hospitals and government buildings are just a few of the places where smoke control is a basic requirement.

Many engineers prefer an integrated building automation system, based on BACnet® communication protocols, that can manage both occupant comfort and smoke control. Through its line of standard Tracer controls that are UL® 864 (UUKL) listed, Trane provides a flexible and affordable solution. Don't need smoke control right now? Tracer controllers give you the ability to add it later if your needs change in the future.

Smoke control basics

A UL 864 (UUKL) control system receives input from several sources: fire alarm panels, firefighters or smoke detectors. The system controls HVAC systems and exhaust fans to manage smoke within a space by commanding a zone to purge or pressurize.

Two types of systems exist:

- Dedicated—All controls are used for smoke control only.
- Non-dedicated—Control systems can be used for both comfort and smoke control.

The Trane Advantage

The smoke control system within Tracer controls communicates smoke control points to the firefighters' smoke control panel, minimizing labor and reducing costs associated with hardwired solutions.

The UL 864 (UUKL) label is standard on our Tracer SC, UC600, UC400, XM70, XM30 and XM32. No additional licensing is required to use these devices within a smoke control system.

- The listed Tracer SC system supports an unlimited number of smoke zones to serve any size building.
- Future controller software releases will be UL 864 certified, simplifying upgrades.
- Tracer controllers are listed for both dedicated and non-dedicated smoke control applications.

Trane gives you great smoke control plus all the benefits of a Tracer building automation system: Flexible. Scalable. Compatible. Easy to use. With over 30 years of experience in the controls industry, Trane has an unrivaled history of quality and a proven commitment to improving comfort, safety and energy efficiency through better building controls.

Tracer™ Controls: UL® 864 (UUKL) listed for smoke control

Manage both comfort and smoke control with a single building controls solution from Trane. All of our new Tracer™ controls are UL® 864 (UUKL) listed for smoke control. Whether a project requires smoke control limited to a single area, or protection for the entire facility, Tracer controls provide a simple, web-enabled, scalable solution.

Tracer controls are built on the open BACnet® data communication protocol. Installing Trane Tracer controls today prepares your building for the future integration of additional building automation devices, whether Trane makes them or not.

Tracer controls with integrated smoke control

System Controller

- Tracer™ SC System Controller
 - Manages multiple systems for improved building efficiency
 - BACnet IP and BACnet MS/TP communication to unit controllers
 - Complete portfolio of building management applications
 - Intuitive, web-based user interface with high-quality 3D graphics
 - Listed for both dedicated and non-dedicated smoke control systems

Field Controllers

- Tracer™ UC600 Programmable Controller
 - BACnet MS/TP communication
 - Flexible and expandable up to 120 points for large applications
 - Prepackaged solutions engineered for air handler units and other HVAC applications
- Tracer™ UC400 Programmable Terminal Unit Controller
 - BACnet MS/TP communication
 - Fully programmable or preloaded standard applications plus side loops
 - Expandable up to 54 points for other HVAC applications



UC600



UC400

Expansion Modules

- For Tracer UC400 and UC600 Controllers
 - Tracer™ XM30 Quad Universal Input/AO Expansion Module
 - Tracer™ XM70 10 point I/O Expansion Module
 - Tracer™ XM32 Quad Replay Expansion Module



XM30



XM70



XM32

Want to know more?

Contact your Trane account manager to learn more about Tracer controls that are UL 864 listed for smoke control.

Endnote: BACnet is a registered trademark of ASHRAE.



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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