

# VariTrac™ Changeover Bypass VAV

Exceptional comfort  
from zoning



# The benefits of zoning . . .



*CO<sub>2</sub> wall sensor for demand control ventilation*

VariTrac™ changeover-bypass zoning systems are completely integrated with Trane unitary equipment. This integration provides you a one-stop shopping experience for your comfort system, with simplicity as a key benefit.

Our zoning system is the easiest in the industry to install and operate. Owners can feel confident that our system will help them control energy costs.

Some of the benefits of a VariTrac zoning system include:

## **Cutting-edge technology**

- Simple system access through a touch screen graphics operator interface
- Easy scheduling with a built-in, 7-day time clock
- Room thermostats with easy-to-read digital displays
- A single central control panel can monitor and control up to 24 individual zones

## **Enhanced indoor air quality**

- Better indoor air quality achieved by sensing CO<sub>2</sub> levels in one zone or throughout the building, and delivering fresh air when needed



*VariTrac central control panel with operator display*

## **Energy savings**

- Rooms with intermittent use are monitored by energy-saving sensors, allowing the system to heat or cool only when needed

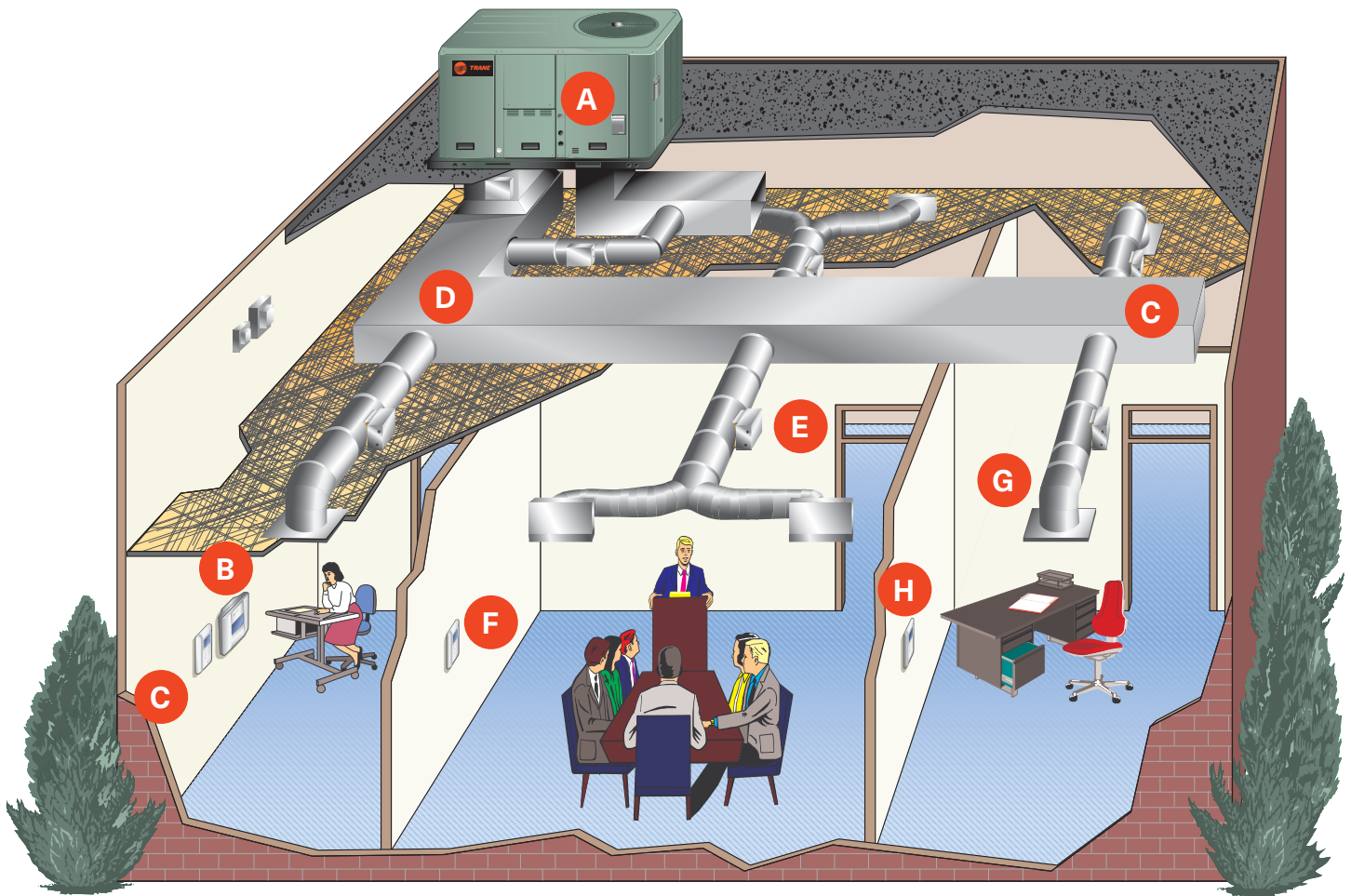
## **Increased flexibility**

- Rectangular and round zone dampers come in a range of sizes for every application
- Heat can be added at the zone level using Trane VAV boxes for individualized comfort

## **Contractor ready-to-go systems save money**

- An error-free, wire-saving device that combines a communicating unit controller with integrated temperature and pressure sensors
- A quick, easy-to-use Windows™- based program can access advanced features found in more expensive BAS software
- A simple, snap-in relay board with an easy-to-wire terminal strip for rooftops and split systems
- Contractors spend less time on the job because the system automatically locates all components on start-up, builds an operating database, and then starts the HVAC system
- Contractors prepare the system for balancing by pushing one button on the panel or by clicking one button in the software

# The VariTrac solution



- A Smartrooftops – comfort starts at the source**
  - Factory-installed microprocessor controls for seamless system integration
- B Saves Energy**
  - Energy-saving occupancy sensors monitor rooms with intermittent use, allowing the system to heat or cool the space only when needed
- C Better comfort control**
  - Up to 24 individual zones, each with its own thermostat
- D Contractor ready-to-go systems**
  - Labor-saving communicating bypass assembly
- E Increased flexibility**
  - Local heater allows customized comfort by zone
  - Rectangular and round zone damper sizes for every application
- F Temperature control at your fingertips**
  - Easy-to-read digital thermostat
- G Enhanced indoor air quality**
  - Better quality indoor air can be provided by sensing CO<sub>2</sub> levels in any zone or in the entire building
- H Easy-to-use**
  - Touch-screen operator display with built-in 7-day time clock
  - Display zone conditions with the touch of a button

# The benefits of comfort...



Regardless of economic conditions, one thing remains constant: a company's success and bottom line depend on tenant and employee satisfaction.

## Customer satisfaction

Comfort dissatisfaction was ranked the number one tenant complaint in a recent survey of building owners and managers.

In an independent survey, 39 percent of tenants planning to relocate cited comfort problems as their primary reason.

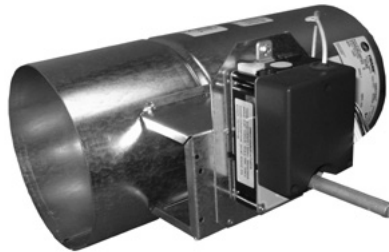
Sixty-two percent of tenants surveyed said they would be willing to pay additional rent to obtain better comfort.

## Save time and money

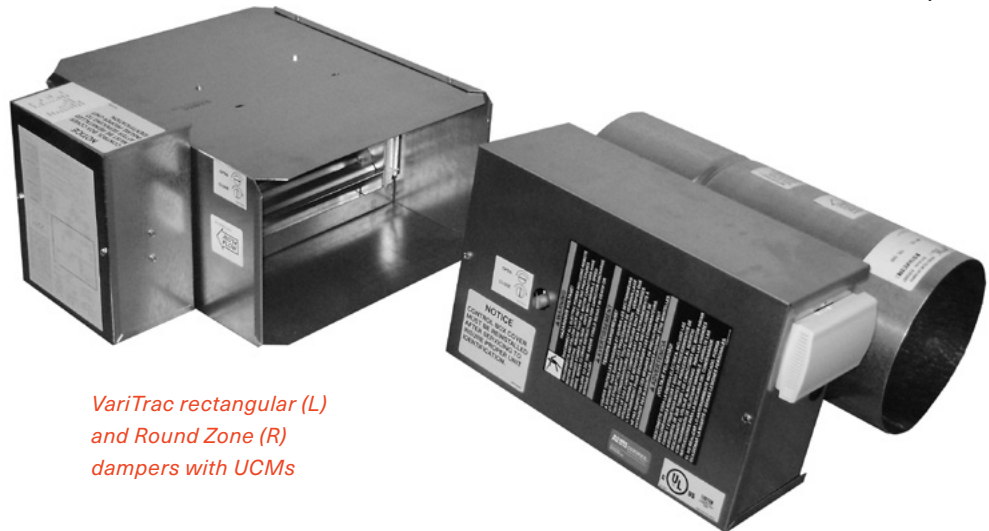
Choosing a VariTrac zoning system will increase the comfort level in your buildings, giving you more time to focus on running your business. The result? Improved productivity and enhanced tenant relationships.



*Digital zone sensor*



*Bypass damper with wire and quick connect*



*VariTrac rectangular (L) and Round Zone (R) dampers with UCMs*



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](http://trane.com) or [tranetechnologies.com](http://tranetechnologies.com).

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