

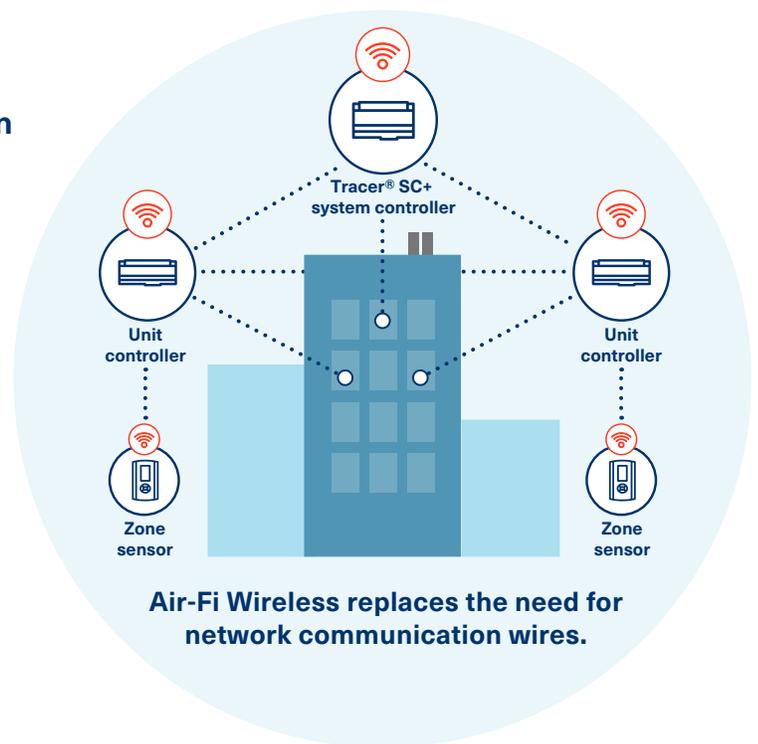
Air-Fi® Wireless Communication

Easy, reliable and secure networking for Trane® HVAC



Air-Fi Wireless is an innovative communication technology for Trane products and systems.

- Air-Fi Wireless was invented by Trane for the sole purpose of providing secure, reliable HVAC sensor and network communication
- It is based on the industry-accepted ASHRAE BACnet® communication standard
- It uses Zigbee®, the trusted standard for wireless mesh network communication
- It is secure by design and isolated from the internet and other building networks
- Air-Fi Wireless is installed and proven in over 50,000 built projects



It enables wireless communication between zone sensors and the associated mechanical equipment as well as wireless network communication with the Tracer® system.

Air-Fi® Wireless: Advantages for Every Building's Life Cycle

Trane's wireless system provides ongoing advantages for as long as you own the building.

New construction

No wires to pull and minimal labor involved. Pre-addressing devices in the factory speeds up network installation.

Upgrades and retrofits

Seamlessly integrates past, current and future generations of Trane controls into the building automation system network.

Building remodeling

Reconfiguring the HVAC control system causes no structural damage and takes minimal time to complete.



Designed for Trane Systems by Trane Professionals

Others may cobble together wireless solutions using various third-party technologies. Only Air-Fi is crafted specifically to amplify the benefits of Trane equipment and controls.

Top Four Reasons to Choose Air-Fi Wireless

1 Easier Installation



- No wires to run through walls
- Factory addressing saves time
- Accommodates hybrid wired/wireless networks

2 Future Flexibility



- Connects multiple equipment generations
- Reconfigures easily, saving time and money
- Simplifies wireless equipment phase-in
- Open to emerging technologies

3 Inherently Reliable



- Factory addressing assures performance
- Wireless mesh communication self-repairs
- Industry-leading strength and range
- Signals pass through and around structural barriers
- Included AA sensor batteries last 15+ years

4 Highly Secure



- The network can only be opened by authorized personnel
- Closes automatically
- Traffic is fully encrypted
- A coordinator randomly generates a 128-bit security key
- Isolated from the internet, cellular and Bluetooth
- Invisible to Wi-Fi
- Limited to BACnet®/ Zigbee® communication



Get Connected with Air-Fi® Wireless.



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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