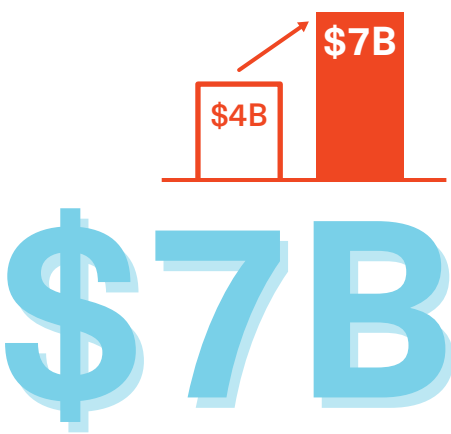


# Trane® Air-to-Water Cascade Heat Pump System

Solve the impossible boiler retrofit. Trane systems provide all you need to update your boiler system with a high-temperature, efficient heating solution using multiple heat pump chillers.



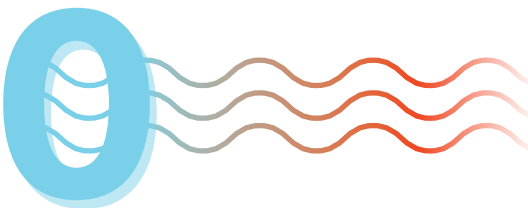
The electrified heating market is expected to nearly double from \$4 billion to **\$7 billion\*** by 2024 – 2033

**3X** Up to **3X** more efficient than traditional boilers

**165°F**

Achieve hot water temperatures up to **165°F (74°C)**

**Easy to retrofit** boiler jobs



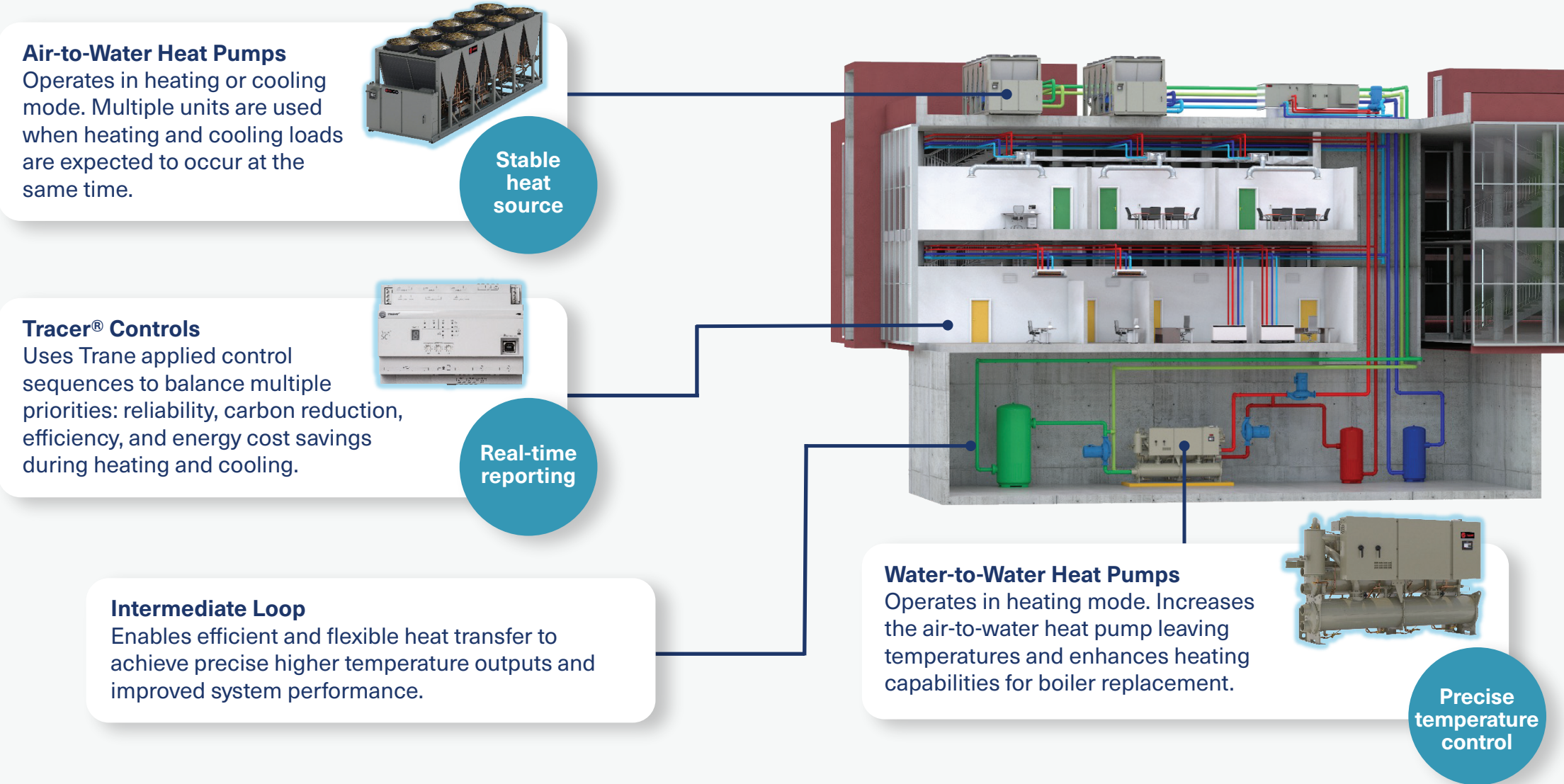
**Zero distribution and infrastructure disruptions**

**365**

**Heat and cool reliably** 365 days a year.

## How it Works

Trane air-to-water heat pumps source energy from the outdoor ambient air, even when it's cold outside, to provide a stable source of heat for the building. Then our packaged water-to-water heat pump increases the heat temperature up to 165°F (74°C) - the same operating temperatures as boilers - to heat the building. See each system component to learn more.



## Benefits

Take your heating system to new heights with heat pumps, pre-engineered systems layouts, applications knowledge, and services.



**Pre-engineered systems layouts**



Large packaged heat pump equipment provides a **cost-effective solution** for large buildings



**Local energy and building services** with optional 24/7 monitoring



Packaged control sequences for **easy operation**



**Applications and expertise**



Our system is **design-protected for future innovations** for 200°F (93°C) hot water and low ambients to -15°F (-26°C)

\*Commercial Building Electrification. Guidehouse Insights. 3Q 2024.

