



Trane Commercial Self-Contained R'newal™ Service Program

Helping you get the most out of your equipment.



Extending the life of your Commercial Self-Contained air conditioning units.

Trane Self-Contained air conditioning units are designed to run for decades, regularly delivering reliable operation long past their 25 year design life. But because they are often so difficult to replace, Self-Contained units are expected to last much longer.

The Trane exclusive Commercial Self-Contained R'newal™ service program is for owners who wish to sustain their equipment's reliability and efficiency over a life of 30 to 40 years or longer. It is an exclusive Trane-backed, Trane warranted solution to replace worn compressors, restore unit performance, and provide the same reliability for the replaced materials as seen on newTrane units.

Trane Commercial Self-Contained R'newal Service Program Objectives

Improve reliability while saving money

We replace components to prevent common failures.

The top expectation of building tenants is reliability. Units will age, become unreliable, and fail at inconvenient times. The R'newal service program replaces the compressors, contactors, and other components most likely to cause problems for older units.

Doing an R'newal as a planned event is a far better solution than dealing with failures in a piecemeal fashion. The Self-Contained R'newal replaces all the compressors, unit control switches and power contactors at the same time, creating a productive way to address the problems of older units. A four compressor R'newal is often less expensive than two emergency compressor replacements. An R'newal is like getting four compressors for the price of two.

Prevent building disruption

An R'newal can be a lot less disruptive than a unit replacement.

Replacing a Commercial Self-Contained unit is difficult because most equipment rooms are located near the center of buildings, on the same floor as the spaces that they serve. A Self-Contained unit R'newal can be a far better option than installing new units.



New Trane-exclusive program helps sustain equipment's reliability and efficiency well beyond the industry standards.

Consider these questions:

- Can units be moved into and out of the building?
Self-Contained units are about 8 feet tall, 8 to 10 feet wide and 6 feet deep. If the units cannot be moved in elevators, then buildings walls have to be opened and the units will need to be rigged directly to the floor with cranes.
- Will a replacement force other disruption to the building?
Major unit replacement projects often force building code reviews of electrical, structural and even seismic designs. These code reviews often initiate major changes to building systems.
- Will the building control system be compatible with a new system? New units have controls that are not generally compatible with older BAS systems. Unit replacements often force expensive BAS system overhauls in order to re-establish communications and control.

A Self-Contained unit R'newal is simply a lot less expensive and disruptive. Compared to a unit replacement project, an R'newal will typically be one third to one fourth the cost of replacing a unit.

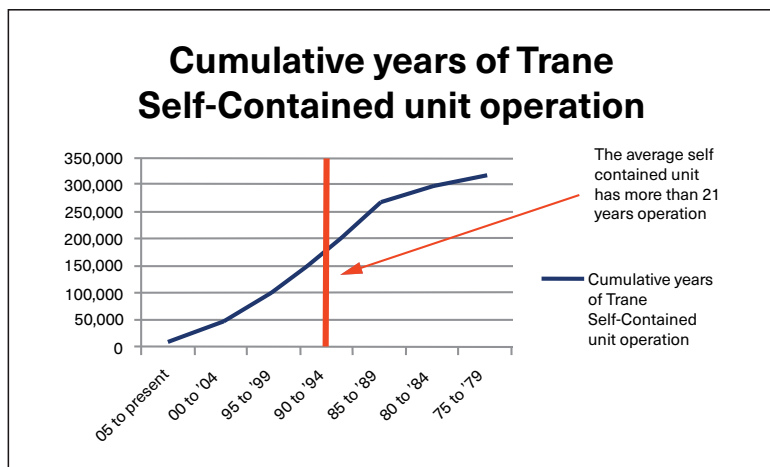
R'newal Decision Factors

The Trane Commercial Self-Contained R'newal service program involves a thorough evaluation of your equipment's condition and economics.

Questions to consider include:

- Your equipment's service history
- Can the organization tolerate downtime during a replacement?
- Will expensive helicopter or crane lifts be required?
- Will the building need code required modifications?
- Are capital budgets for unit replacement available?

Trane unit cabinets, evaporator coils, and water cooled condensers regularly deliver forty year lives and longer. The Trane R'newal program may be an attractive alternative to unit replacement.



Trane Commercial Self-Contained units are incredibly long-lasting machines. The average unit is over 21 years old with 80,000 hours of operation. Compared to a semi truck, that is the equivalent of 4.7 million highway miles.

Self-Contained R'newal Service Program Options

The R'newal service program consists of a standard base service with optional elements addressing various unit needs.

Base package

This base addresses the common wear elements of a mid-life units. The base package includes:

- Replace unit compressors
(Includes up to 5 year warranty)
- Replacing power contactors
- Replacing unit airflow control switches
- Adding a new three phase power protection on units that do not have protection

Special Options

The R'newal program can be customized to your needs. Options include:

- Replacing water cooled condensers
- Replacing existing fan VFDs
- Replacing water cooled economizer coils
- Replacing fan inlet guide vane modulation with new VFD control
- Replacing fan belts, pulleys and bearings
- Cleaning and repairing unit drain pans

What is the right decision for your Trane Commercial Self-Contained units?

A Trane R'newal service program can be a prudent action for your equipment, tenants and your budget. A Trane account manager will work with you to evaluate your equipment's condition. They will also look at the economic alternatives of installing new, more efficient Trane air conditioning units. Renew or replace, Trane can deliver options for reliable heating and cooling of your facility for years to come.

R'newal Program Benefits

- Planned service – Reduces the risk of disruption from an unexpected failure
- Less disruptive – Changes compressors, not complete units.
- Less budget risk – compressor replacements include a long-term warranty
- Saves money – R'newal can be one fourth of the cost of unit replacement and much less than an unplanned failure

Learn more at trane.com



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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