



IntelliPak[®] refresh service program

Helping you get the most out of
your equipment.



Helping you extend the life of your IntelliPak® packaged rooftop unit.



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

IntelliPak® units are designed to run for decades, regularly delivering reliable service long past the 15 year industry recognized life for roof top-mounted equipment. But every unit's application and maintenance is different and at mid-life, minor components can give trouble.

The IntelliPak refresh service program is for owners who wish to sustain their equipment's reliability and efficiency over a life of 20 to 25 years or longer. It is a Trane-backed solution to replace worn materials, restore unit performance, and provide the same reliability for the replaced materials as seen on new IntelliPak units. This program is offered for Trane IntelliPak style rooftop units built in the 1980s or later.

Trane IntelliPak refresh service program objectives

Improve reliability

We refresh components to prevent common failures.

Example: A typical IntelliPak unit has 7 to 9 electric power contactors. These contactors are among the highest consumed parts for older IntelliPak units. Their failure often damages the compressor or fan motor they control. An IntelliPak refresh program replaces the major power contactors, avoiding emergency service calls and damage to compressors and motors.

Prevent major downtime

We can refresh components whose failure results in significant downtime.

Example: Fan bearings are generally highly reliable and often last the life of the unit. But when they fail, there is often a week or more of downtime to replace destroyed fan shaft and wheels. Proactively replacing bearings can be a wise move when it's important that an older unit deliver uninterrupted operation.

Save Energy

We refresh components restoring lost efficiency.

Examples:

- Rebuild outdoor air damper bushings, modulating rods and tip seals.
- Replace seized gravity-operated dampers.
- Seal cabinet leaks caused by lost fasteners and damaged gaskets.

An IntelliPak refresh can eliminate air leaks, saving 5% or more unit efficiency. Also, repairing failed gravity operated dampers can improve unit economizer capacity by 40% or more.

Refresh decision factors

The Trane IntelliPak refresh service program involves a thorough evaluation of your equipment's condition and economics. The first aspect to consider is whether it's even possible to replace the unit.

Questions to consider include:

- Can the organization tolerate downtime during a replacement?
- Will expensive helicopter or crane lifts be required?
- Will the roof need structural or seismic improvements in order to support a newer heavier unit?
- Are capital budgets for unit replacement available?

Any of these factors may suggest that a refresh program is a wise strategy. We will also look for other repairs that are required to restore unit reliability.

The first concern is structural rust in the unit casing and base pans. Such problems are rare but can be caused by exposure to salt air and/or industrial fumes.



Any structural rust must be remedied before a refresh is done.

The condition of the unit's air cooled condenser heat exchanger is also evaluated. Aluminum fins are vulnerable to corrosion due to salt air, industrial fumes, and hail damage. If significantly damaged, the condenser coils should be replaced, especially if compressor replacement is planned.

Finally we will assess whether the unit meets the requirements of your facility. We will consider whether the unit meets your present and future capacity needs. We will also consider your present unit's efficiency. New units are up 37% more efficient than standard units built in the 1980's.

Before we suggest a refresh, we will carefully consider whether keeping your present unit is right for you.

IntelliPak refresh service program options

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

Base package

This base refresh generally takes technicians less than a day to install. This work is often combined with other scheduled service. The base package includes:

- Replacing power contactors
- Replacing unit airflow control switches
- Adding a new three phase power protection module
- Repair unit door and panel gaskets
- Replace missing cabinet fasteners
- Replace outside air damper seals to reduce air leaks

Special Options

The refresh program can be customized to your needs.

Options include:

- Replacing all the unit compressors (includes 5 year compressor warranty)
- Replacing condenser fans and motors
- Replacing existing fan VFDs
- Replacing fan inlet guide vane modulation with new VFD control
- Replacing fan belts, pulleys and bearings
- Cleaning and repairing unit drain pans
- Replacing condenser and/or evaporator coils
- Replacing evaporative condenser units

What is the right decision for your IntelliPak units?

A Trane refresh service program can be a prudent action for your equipment and your budget. A Trane account manager will work with to evaluate your equipment's condition. They can also model the economic alternatives of replacing your existing IntelliPak units with new, more efficient IntelliPak rooftop air conditioning units.

Refresh or replace, we can deliver options for reliable heating and cooling of your facility for years to come.

Benefits

- Planned service – Reduces the risk of disruption from an unexpected failure
- Saves money – Refresh process is one fourth of the cost of unit replacement and much less than an unplanned failure
- Less budget risk – compressor replacements include a long-term warranty
- Saves energy – eliminates inefficiencies caused by air leaks, improper refrigerant charge, and damaged or failed condenser coils
- Conserves environment – proactive service to coils prevents refrigerant leaks

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.

All trademarks referenced in this document are the trademarks of their respective owners.

© 2020 Trane. All Rights Reserved.

SRV-SLB143-EN
06/15/2020