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# Trane Services

TRANE -

CAPTIVE CONTROL

**Trane Extended Start** Foundation for High Performance Buildings



TRANE

TRANE

# You chose the best equipment so you expect top performance

## Two important steps to assure first year success

#### 1. Validate Installation & Startup

Most HVAC failures that occur early in the system's life are during the first year of operation.

#### 2. Monitor Critical Parameters & Adjust System Settings

Monitoring first-year operation and critical parameters is crucial during the initial break-in months. This assures your investment is properly integrated into your environment, and is providing peak performance and efficient energy use.

#### Twelve months of value-added services

Make sure your HVAC system gets off to the right start with Trane Extended Start. It's the best way to validate proper installation and assure the highest level of performance during that all-important first year of operation. Trane Extended Start goes above and beyond the warranty and includes five essential services and three optional services which will create a system baseline to build a strong high performance building foundation.

# Assure first-year system performance with Trane Extended Start.

There's a reason you chose a Trane HVAC system for your building. You wanted an advanced, high performance system that could be relied on for years to come. But as you know, there are a number of installation and situational variables that can impact the performance, reliability and useful life of your system.



## The baseline for high performance buildings Extended Start – 5 plus 3

## **5 Essential Services**

## Post-installation inspection

After system start up and during the critical initial months of operation a factory trained technician will examine your new system to validate that installation and startup were done to factory specifications. Any deviations from standard will be reported.

# Benchmark report

Available only through Trane, using proprietary software, we measure the critical operating parameters of your system and produce a printed report for your records. This report is an analysis of the current operating characteristics of your equipment. It will be an "as installed" benchmark to track changes in performance in later years.

# Health check inspection

A Trane technician will inspect your equipment to measure critical parameters, adjust unit control settings and correct any operational deviations.

# Chiller oil analysis

The compressor oil is sampled and analyzed by our oil laboratory. Trane chemists will check the samples for the presence of metals, acidity and moisture and provide a detailed report. If the oil analysis indicates any deviation, we will recommend corrective actions to avoid future failures and unexpected downtime.



Filters will be changed as per Trane recommendations to maximize flow and efficient system operation.

## **3 Optional Services**

## Wibration analysis

The first year of operation is the ideal time to establish a benchmark reference. This reference will help identify a wide range of possible future faults such as shaft misalignment, bearing defects, or motor electrical problems.

# Get connected

An effective and affordable way to look after your equipment 24/7. Get connected will remotely monitor critical alarms, provide periodic communications link verification and produce automated critical alarm activity reports.

## Operator training

A factory authorized technician will deliver on site training to familiarize your operator with best Operation & Maintenance practices. This will ensure safe, reliable and efficient operation of your system.



Periodic health checks in the first year help assure long term performance



## Trane Services The real expertise of a manufacturer



- Systems approach
- Dependable installations
- Energy saving solutions
- Operating cost optimization
- Chiller plant management solutions
- Chilled water production solutions.

At Trane, we are committed to providing a comprehensive portfolio of HVAC solutions throughout your system lifecycle.



#### **Breakdown resolution**

No one plans for breakdowns, but when they happen you need the right partner. Our expert Service Engineers use the latest diagnostic tools to guide you through your options to Repair, Renew, Replace or ReThink.



## Secure operations

At every point during the lifetime of your equipment - installation, commissioning, maintenance or breakdown - Trane can offer an effective solution with commissioning, first-aid kits and service agreements.



## System upgrade

Trane Building Advantage

Trane is committed to bringing the latest technological advantages to our customers through a wide portfolio of solutions which increase the Efficiency, Reliability and Sustainability of their HVAC plants. Our Service Engineers use their expertise together with the latest diagnostic tools to future-proof your system and make it "better than before".



## **Equipment rental**

For special events, exceptional needs or when you want to ReThink HVAC management, Trane Rental Services have the right solution. With our extensive fleet of equipment, we can perfectly match your temporary heating and cooling requirements.



#### Contact us

With over 1000 of the best trained sales engineers and service technicians in the industry, Trane is in the best position to serve your needs. Just call us and we will help you configure the Trane Free Cooling solution for your HVAC system.



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.eu* or *tranetechnologies.com*.