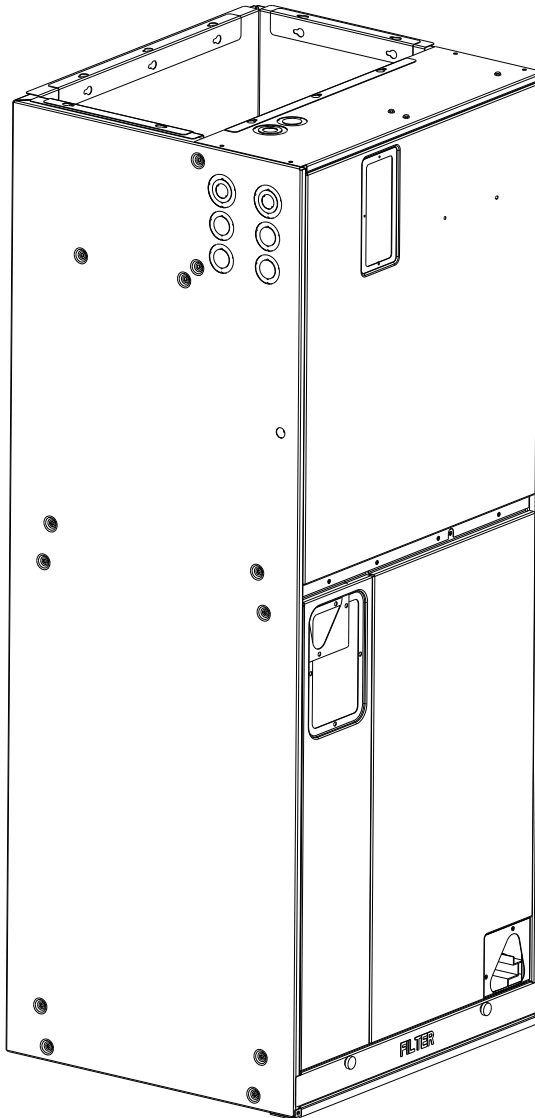


# User's Information Manual

## Air Handlers - Vertical, Horizontal and Convertible with Communicating Control

---



Not all models or configurations shown

---

# Warranty Information

## Base Limited Warranty

### Air Handler

**4TEE3C, 2TEE3C, 4TEE3D, 2TEE3D, 4TEE3F, 2TEE3F, 4TFE3F, 2TFE3F (Parts Only)  
Models Less Than 20 Tons for Residential Use\***

This limited warranty is provided by the manufacturer to the original purchaser and to any succeeding owner of the real property to which the Air Handler is originally affixed, and applies to products purchased and retained for use within the U.S.A. and Canada.

Beginning on January 1, 2010, R-22 refrigerant will no longer be used as a manufacturer-installed refrigerant as required by federal regulation. Following this date, depending on the availability of any remaining R-22 equipment, indoor model replacements may require that the entire system be R-410A compatible. Outdoor system components and possibly connecting line sets would need to be replaced in order to be compatible with indoor units containing R-410A refrigerant. Expenses associated with replacing system components that are not R-410A compatible will not be covered by the terms and conditions of the limited warranty.

The limited warranty period begins when installation is complete and the air handler unit start-up procedure has been properly completed, verified by installer's invoice or similar document. If installation completion and start-up date cannot be verified by installer's invoice or similar document, this limited warranty coverage begins six (6) months after the date of manufacture based on the air handler unit serial number.

If the coil becomes defective or any functional part of your Air Handler fails because of a manufacturing defect within five (5) years of the warranty period begin date, Warrantor will furnish without charge the required replacement part. Any other costs, such as local transportation, related service labor, diagnosis calls, refrigerant and related items are not included.

This limited warranty does not apply if the air handler unit was purchased direct (i.e. from internet websites or auctions) on an uninstalled basis. Additionally, this limited warranty will not apply unless the air handler unit is: (1) installed by a licensed or qualified HVAC technician, (2) applied and installed in accordance with the manufacturer's recommendations and its Installer's Guide and (3) in compliance with all industry standards, national, state and local codes.

This limited warranty does not cover failure of your air handler if it is damaged while in your possession; including, but not limited to (1) damage caused by unreasonable use, (2) damage from failure to properly maintain as set forth in the Use and Care manual, (3) damage that is not considered a manufacturing defect, such as acts of God, malfunctions or failures resulting from fire, water, storms, lightning, earthquake, theft, riot, misuse, abuse, increased utility usage costs, or (4) performance problems due to improper selection / equipment match, installation or application.

This limited warranty applies to product installed on or after 5/1/2009.

### Registered Limited Warranty Option

If registered within 60 days of the original installation date, the limited warranty terms will be lengthened\*\* as follows: coil – 10 years, all other functional parts – ten (10) years.

\*\*Registered Limited Warranty lengthened terms are non-transferable and do not apply to income property.

To register, go to the manufacturer's website or contact your dealer.

**THE LIMITED WARRANTY AND LIABILITY SET FORTH HEREIN ARE IN LIEU OF ALL OTHER WARRANTIES AND LIABILITIES, WHETHER IN CONTRACT OR IN NEGLIGENCE, EXPRESS OR IMPLIED, IN LAW OR IN FACT, INCLUDING BUT NOT SPECIFICALLY LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR USE, AND IN NO EVENT SHALL WARRANTOR BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

Some states and provinces do not allow limitations on how long an implied limited warranty lasts or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This limited warranty gives you specific legal rights, and you may also have other rights which vary by jurisdiction.

Parts will be provided by our factory organization through an authorized service organization in your area listed in the yellow pages.

If you wish further help or information concerning this limited warranty, contact:

Residential Systems

6200 Troup Highway, Tyler, TX 75707

Attention: Customer Relations

TW-1041-1409

\* This limited warranty is for residential usage of this equipment and not applicable when this equipment is used for a commercial application. A commercial use is any application where the end purchaser uses the product for other than personal, family or household purposes.

## Optional Extended Warranty

Optional Extended Warranties are available from the Manufacturer. The Extended Warranty can be purchased from your dealer and is in effect when you have received an Extended Warranty Certificate.

**No additional warranty, either written or implied, is extended by the Manufacturer without an Extended Warranty Certificate from the Manufacturer.**

If you do not receive your Extended Warranty Certificate within 45 days of purchase, please call 800-554-6413.

**Reduce the burden of unexpected repair bills with an Extended Warranty.**

Trane offers the finest quality products and manufacturer's warranties on the market. But, like all good things, the Manufacturer-provided limited warranty on your new comfort equipment will come to an end. To keep you protected, Trane offers the Extended Warranty Program. It picks up right where your Manufacturer's limited warranty leaves off. And, it offers years and years of reliable protection at a low cost. Ask your dealer for program details. Trane Extended Warranty provides:

1. The opportunity to supplement your Limited Warranty for five or ten years.
2. Coverage that may include parts only or parts and labor for the duration of the agreement. Be certain you read the Extended Warranty for complete details and exclusions.
3. Service work performed by servicers knowledgeable of the operation of your equipment.

### Contents

Warranty Information.....	2
Proper Maintenance.....	3
The Problem Solver.....	4

# Proper Maintenance reduces electricity use.

## ⚠ WARNING

To prevent injury or death, or property damage, read and follow all instructions and warnings, including labels shipped with or attached to unit before operating your new air conditioning system.

## ⚠ WARNING

Improper installation, adjustment, alteration, service maintenance, or use can cause explosion, fire, electrical shock, or other conditions which may cause personal injury or property damage. Consult a qualified installer or service agency for information or assistance. The qualified installer or agency must use factory-authorized kits or accessories when modifying this product.

## ⚠ WARNING

**HAZARDOUS VOLTAGE OR SHOCK HAZARD!** Disconnect all electric power to the indoor air handler or furnace before removing access panels to perform any maintenance. Disconnect power to both the indoor and outdoor units.

## ⚠ CAUTION

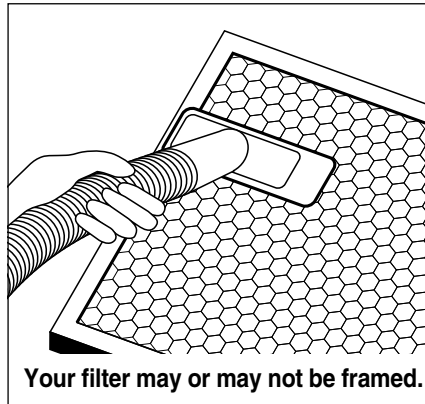
Although special care has been taken to minimize sharp edges in the construction of the unit, be extremely careful when handling parts or reaching into the unit.

### A clean filter saves money.

Help ensure top efficiency by cleaning the filter regularly. When the unit circulates and filters the air in your home, dust and dirt particles collect on the filter located in your indoor unit. Excessive buildup forces the system to run longer to maintain your set temperature and you end up paying for it.

**Clean or replace your filter at least once a month** or twice a month when the system is running more.

If you have a semi-permanent filter, you can take the filter out of the frame and vacuum it. Where disposable filters are used, they must be replaced every month with the same size as originally supplied.



Both methods are quick and easy and increase efficiency and reduce energy use. When replacing your air handler filters, always use the same size and type that was originally supplied. Filters are available from your dealer.

### How to remove your filter.

Ask your dealer where the filter is located when your system is installed. It may be behind the bottom panel of your indoor unit. Or it may be at the top, bottom, or either side. Or there may be two filters.

In any case, removing a filter is easy. Just make sure you insert the clean

filter with the arrows on it pointing in the direction of the airflow. Your installing dealer is your best source of filter and maintenance information.

**Cut operating costs by keeping snow, ice and debris clear of your outdoor heat pump unit.**

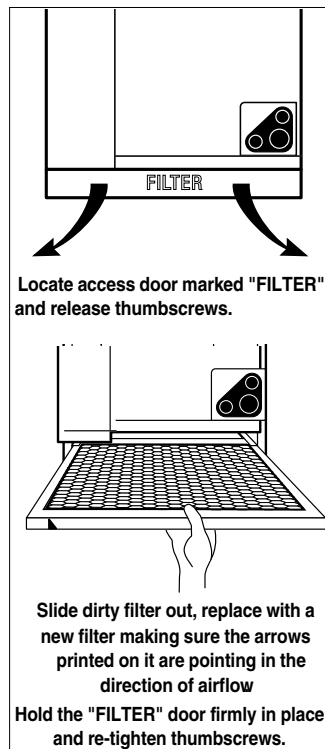
**NOTE:** Condensation may occur on the surface of the air handler when installed in an unconditioned location.

Continuous fan mode during Cooling operation may not be appropriate in humid climates. If the indoor air exceeds 60% relative humidity or simply feels uncomfortably humid, it is recommended that the fan only be used in the AUTO mode.

Efficient operation of your outdoor unit requires the free flow of air over the coils. Anything that blocks this flow forces the unit to work harder to do its job. At no time should anything be stacked against the side of the outdoor unit or draped over it. Keeping it clear of debris helps it work at peak efficiency, and that helps hold down operating costs.

## ⚠ CAUTION

**If heating system is not operational during the cold weather months, provisions must be taken to prevent freeze-up of all water pipes and water receptacles. This is very important during times of vacancy.**



Regular preventative maintenance is the best way to ensure trouble-free operation and peak performance of your home comfort system. Accordingly, pre-season maintenance, typically in the spring and fall, can help you avoid a system failure on the hottest or coldest day of the year. Trane / American Standard encourages you, the homeowner, to contact your dealer regarding such maintenance programs.

# The Problem Solver

Before you call for service, check the following:

Insufficient heating or cooling	a. Dirty filters b. Air not circulating freely c. Blocked outdoor coil	a. Clean or replace b. Check supply registers and return grills for blockage c. Clear away leaves or other debris
Failure to operate	a. Power off b. Open circuit breaker or burned-out fuses c. Improperly adjusted thermostat	a. Make sure switch is in the ON position b. Reset circuit breaker, or replace burned-out fuses c. Check setting, adjust thermostat
Unusual Noise		Call your local Servicer

When you're going to be away from home for a few days—or when outdoor temperatures are moderate—don't let your system run unnecessarily.

Lower the thermostat to 55°F in the winter. And raise it to 85°F in summer. Then when you return—or when temperatures dictate—you can reset the system and it will begin making your home comfortable again.

## ⚠ CAUTION

**Whenever your house is to be vacant, arrange to have someone inspect your house for proper temperature. This is very important in below freezing weather. If for any reason your unit should fail to operate, damage could result, such as frozen water pipes.**

This unit is not a household appliance. It is a complex self contained system that requires professional maintenance and re-

## ⚠ CAUTION

**Water damage could occur if condensate drains are not checked and cleaned periodically. Maintenance of drains assures condensate can drain freely.**

pair. That's why attempts at do-it-yourself repairs on an in-warranty unit may void the remainder of your warranty. Other than performing the simple maintenance recommended in this manual, you should not attempt to make any adjustments to your system.

**NOTE: The blower motor bearings are factory lubricated and under normal operating conditions usually do not require servicing. Your local servicer can advise**

**you if oiling is required. Your dealer should be able to take care of any questions or problems you may have.**

**Keep your unit looking like new for years.**

Clean the enamel finish of your unit with ordinary soap and water. For stubborn grease spots, use a household detergent. Lacquer thinner or other synthetic solvents may damage the finish.

**Just set the temperature you want.**

Set temperatures by using the indicators on the thermostat\* control. After that, your comfort control center (thermostat) will maintain a constant indoor temperature, regardless of changes in outdoor temperatures. Read your thermostat manual for directions on setting the temperatures.

**Save energy with an electronic programmable thermostat.**

With an electronic programmable thermostat\* energy savings is easy. Just program the thermostat for the temperatures you are most comfortable with and it will automatically change settings up to four times a day. Special weekend and vacation schedules are also easily programmed for comfort and savings. Read your thermostat manual for programming instructions. If you want the optimum balance between comfort and the cost of running your system, we recommend keeping the temperature settings at 68°F for heating and 78°F for cooling.

**Save energy by letting the thermostat do its job.**

Once you set the thermostat, keep subsequent adjustments to a minimum. Adjust it only when a new program is needed.

\*Optional accessory

## Important Product Information

Registering your products helps provide you with one of the strongest manufacturer limited warranties available. To register, go to the manufacturer's website or contact your dealer. You will need the serial number, model number, and installation date for each product being registered. Your dealer may have included these on your invoice or can provide a list for you to use. Please take a few moments to record the following information to ensure your product registration process is quick and easy:

Air Handler Serial Number \_\_\_\_\_

Air Handler Model Number \_\_\_\_\_

Date of Installation \_\_\_\_\_

Dealer \_\_\_\_\_

## Service Information

Call your installing dealer if the unit is inoperative. Before you call, always check the following to be sure service is required:

- Be sure the main switch that supplies power to the unit is in the ON position.
- Replace any burned-out fuses or reset circuit breakers.
- Be sure the thermostat is properly set.

Service Phone \_\_\_\_\_

Trane

6200 Troup Highway  
Tyler, TX 75707

*The manufacturer has a policy of continuous product and product data improvement and it reserves the right to change design and specifications without notice.*

04/09