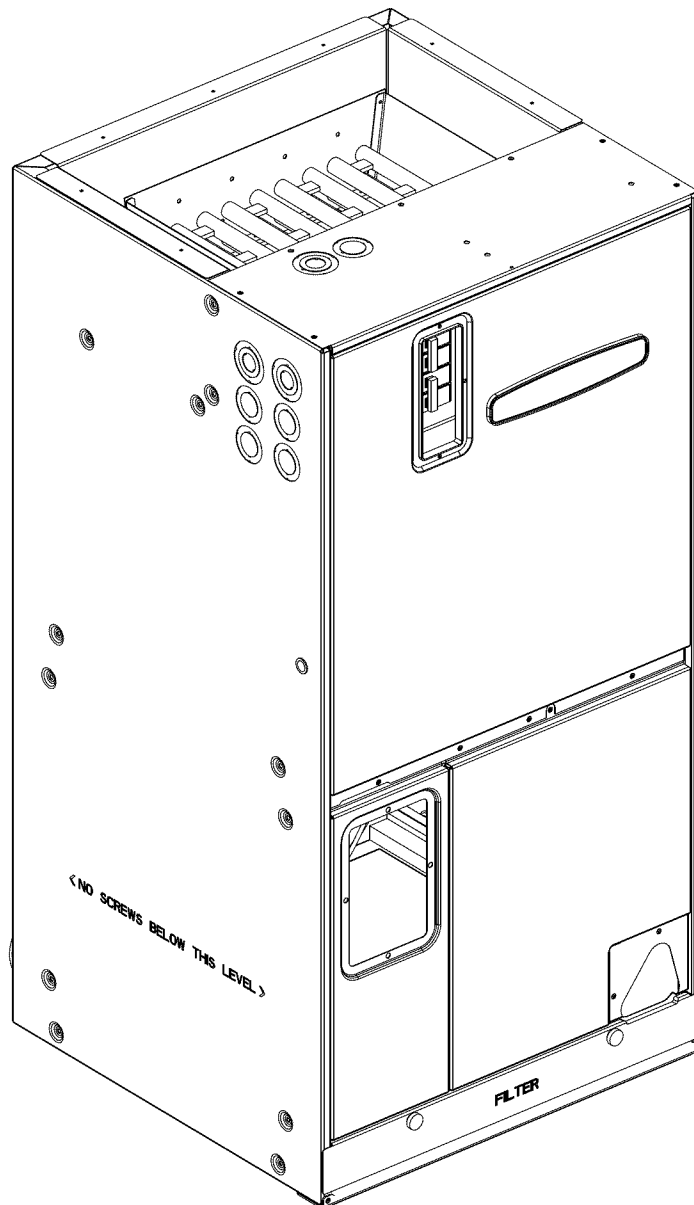


User's Information Manual

Air Handlers -

Vertical, Horizontal and Convertible with Integrated Whole House Air Cleaner



Not all models or configurations shown

Extended Warranty Information

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.

Optional Extended Warranties do not cover repairs to equipment installed in establishments with corrosive atmospheres, including but not limited to, dry cleaners, beauty shops, and printing facilities. 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.

The Manufacturer offers the finest quality products and limited warranties on the market. But, the Manufacturer's limited warranty provided on your new comfort equipment will expire. To continue your protection after expiration of the limited warranty, the Manufacturer also offers the Extended Warranty Program which offers years and years of reliable protection at a low cost. Ask your dealer for details. The Extended Warranty provides:

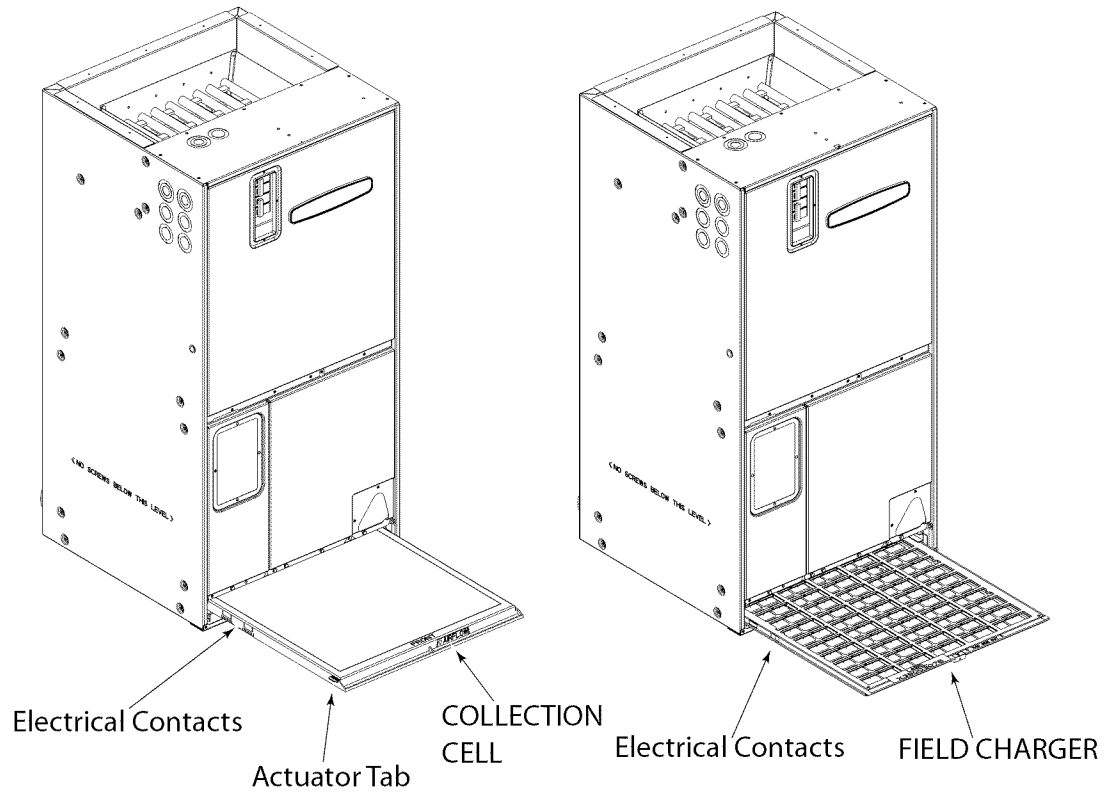
1. The opportunity to supplement your Limited Warranty for five or ten years.
2. Coverage that may include parts only or parts and labor for the duration of the agreement. Be certain you read the Extended Warranty for complete details and exclusions.
3. Service work performed by servicers knowledgeable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

Contents

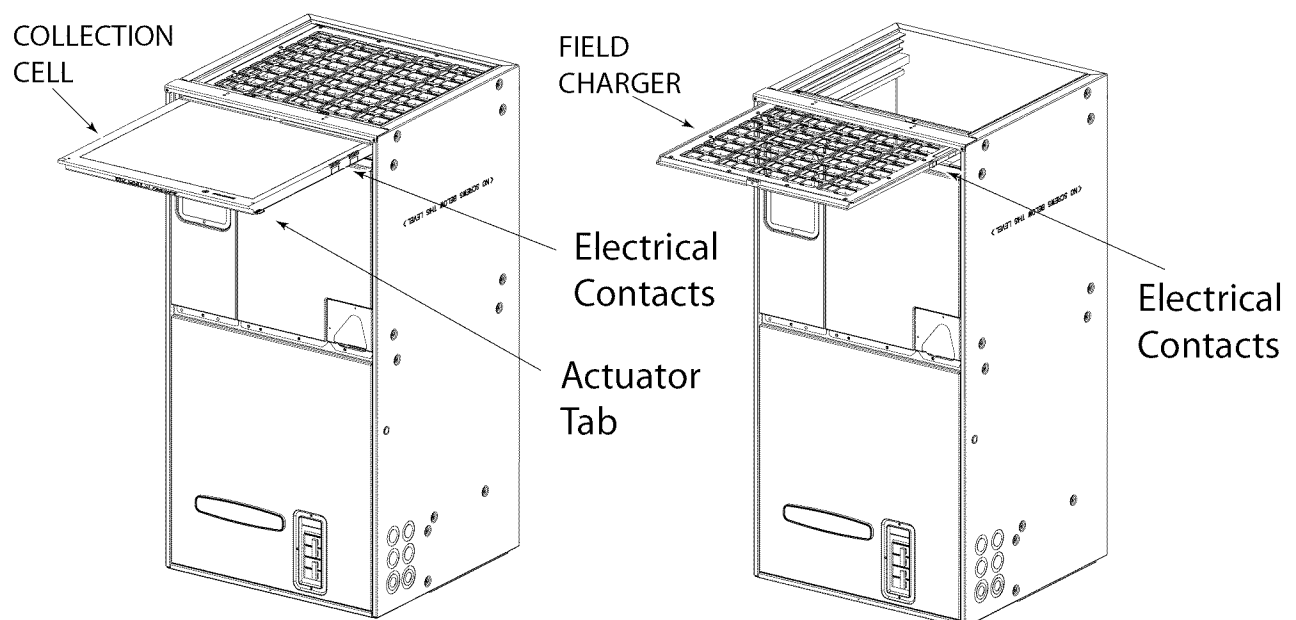
Extended Warranty Information.	2
Proper Maintenance.	5
The Problem Solver	6
Limited Warranty Information	7

COLLECTION CELL AND FIELD CHARGER ORIENTATIONS

UPFLOW

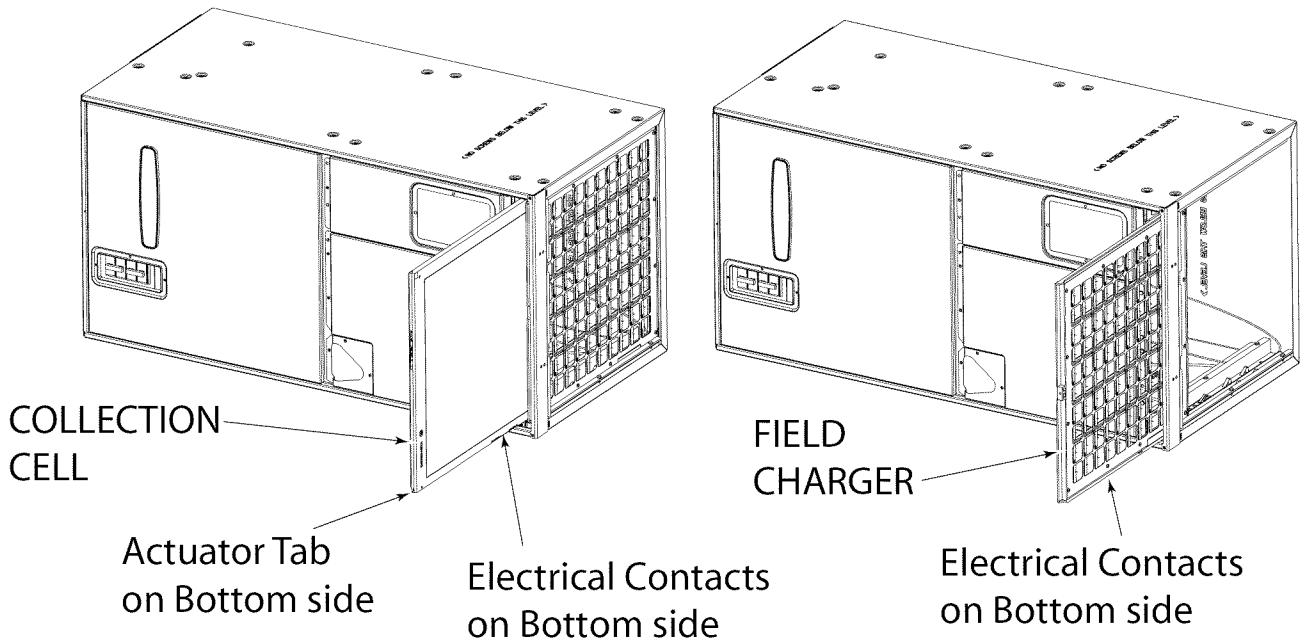


DOWNFLOW

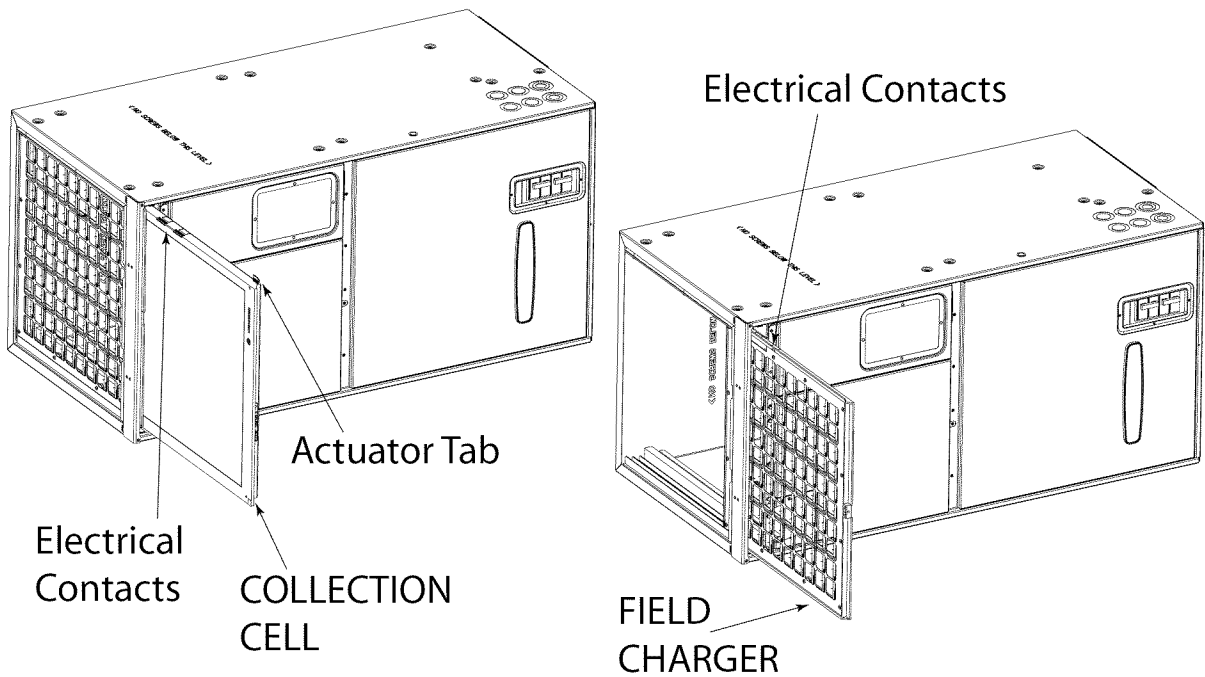


**COLLECTION CELL AND
FIELD CHARGER ORIENTATIONS**

HORIZONTAL LEFT



HORIZONTAL RIGHT



Proper Maintenance reduces electricity use.

⚠ CAUTION

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

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.

NOTE: There may be more than one electrical disconnect switch. Electric shock can cause personal injury or death.

A clean COLLECTION CELL saves money.

Help ensure top efficiency by cleaning the COLLECTION CELL regularly.

When the unit circulates and filters the air in your home, dust and dirt particles collect on the COLLECTION CELL 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. After the initial startup of the unit, we recommend cleaning the COLLECTION CELL after the first week of operation due to dust stirred from the existing ductwork during the install.

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

Maintenance

1. For maximum efficiency the COLLECTION CELL should be inspected and cleaned on a regular basis.

NOTE: A 30 to 90 day cleaning interval is normal for the COLLECTION CELL and should be adjusted based upon unit run time and the home environment.

2. The FIELD CHARGER must be removed and cleaned only by a qualified service professional.

3. The FIELD CHARGER must be cleaned at least once a year.

4. The FIELD CHARGER may require more frequent cleaning in homes with high indoor relative humidity (greater than 65% RH).

5. Consult your service professional about cleaning intervals.

⚠ WARNING

High Voltage is present within the air cleaner for operation. Turn the power off and wait at least 15 seconds to allow voltage to discharge.

⚠ WARNING

RISK OF ELECTRIC SHOCK:

These servicing instructions are for use by qualified service technician. To reduce the risk of electric shock, do not perform any servicing other than that contained in these operating instructions unless you are qualified to do so.

NOTE: System Information

Before cleaning the coil or ducts in the air handler, remove the COLLECTION CELL and FIELD CHARGER from the air cleaner. Chemicals used during the cleaning of the air handler or ductwork can damage the air cleaner components and degrade the performance of the air cleaner.

CLEANING THE COLLECTION CELL

1. Turn the air conditioning system off at the Comfort Control.

2. Loosen thumbscrews to remove the filter panel. Remove the COLLECTION CELL by pulling forward. See Pages 3 and 4.

CLEANING

The COLLECTION CELL may be cleaned either by vacuuming (recommended method) or by washing with water only.

VACUUM CLEANING

Remove COLLECTION CELL from conditioned space. Vacuum both sides of the COLLECTION CELL to clean.

WASHING

Use low-pressure water spray, such as a sink sprayer or garden hose to clean the COLLECTION CELL.

Some residue may require warm water to be removed.

- Do NOT use soap or detergent in cleaning the COLLECTION CELL.
- Do NOT immerse the COLLECTION CELL completely in water.
- Do NOT place the COLLECTION CELL into a dishwasher to clean.
- ALLOW THE COLLECTION CELL TO DRY THOROUGHLY BEFORE REINSTALLING.

Slightly tap the COLLECTION CELL to remove water retained in the filter. Allow the COLLECTION CELL to **completely** dry before reinstalling. See pages 3 and 4.

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

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.

The Problem Solver

Before you call for service, check the following:

Insufficient heating or cooling	a. Dirty COLLECTION CELL b. Air not circulating freely c. Blocked outdoor coil	a. Clean COLLECTION CELL 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 Comfort Control	a. Make sure switch is in the ON position b. Reset circuit breaker, or replace burned-out fuses c. Check setting, adjust Comfort Control
Unusual Noise		Call your local Servicer

Don't waste money heating and cooling when you don't need to.

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 immediately begin making your home comfortable again. 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.

⚠ 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 repair. 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.

⚠ CAUTION

Condensate drains should be checked and cleaned periodically to assure condensate can drain freely from coil to drain. If condensate cannot drain freely, water damage could occur.

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 Comfort Control. After that, your Comfort Control 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 Comfort Control.

With an electronic programmable Comfort Control energy savings is easy. Just program the Comfort Control 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 Comfort Control 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.

⚠ 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.

Limited Warranty Information

Limited Warranty Air Handler with Integrated Whole House Air Cleaner TEE (Parts Only)

Models Less Than 6 Tons for Residential Use*

This limited warranty is extended 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, limited warranty coverage begins six (6) months after the date of manufacture based on the air handler unit serial number.

If any part of your Air Handler fails because of a manufacturing defect within five years from the date of the original purchase, Warrantor will furnish without charge the required replacement part. Any local transportation, related service labor and diagnosis calls 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 (refer to "Proper Maintenance" section), (3) damage that is not considered a manufacturing defect, such as acts of God, malfunctions or failures resulting from fire, water, storms, lightning, earthquake, faulty power supply or power surges, corrosive environments, insect or vermin infestation, theft, riot, misuse, abuse, increased utility usage costs, or (4) performance problems due to improper selection / equipment matchup, installation or application.

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 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 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 from state to state.

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: Consumer Relations

Or visit our website: www.trane.com/residential

TW-1016-3308

* 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.

Limited Warranty

Air Handler

TWE-A/B, TEE, TWE-E, TEH, TEC, TGB, TFB/E (Parts Only)

Models Less Than 20 Tons for Commercial Use*

This limited warranty is extended 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, limited warranty coverage begins six (6) months after the date of manufacture based on the air handler unit serial number.

If any part of your Air Handler fails because of a manufacturing defect within five years from the date of the original purchase, Warrantor will furnish without charge the required replacement part. Any local transportation, related service labor and diagnosis calls 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 (refer to "Proper Maintenance" section), (3) damage that is not considered a manufacturing defect, such as acts of God, malfunctions or failures resulting from fire, water, storms, lightning, earthquake, faulty power supply or power surges, corrosive environments, insect or vermin infestation, theft, riot, misuse, abuse, increased utility usage costs, or (4) performance problems due to improper selection / equipment matchup, installation or application.

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 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 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 from state to state.

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: Consumer Relations

Or visit our website: www.trane.com/residential

TW-1018-3308

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

Trane
6200 Troup Highway
Tyler, Texas 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.