

Base Limited Warranty

Subject to the terms and conditions of this limited warranty, Trane U.S., Inc. ("Company") extends a limited warranty against manufacturing defects for the product(s) identified in **Tables 1, 1A, 1B** attached hereto ("Products") that are installed in a residential/multi-family application (personal, family or household purposes) under normal use and maintenance in the United States and Canada.

This limited warranty applies to Products manufactured on or after January 1, 2017.

In order to maximize the available benefits under this limited warranty, the Purchaser (as defined below) should read it in its entirety. All repairs of Product parts covered under this limited warranty must be made with authorized service parts and by a licensed HVAC service provider. Additionally, commercial applications are treated differently under this limited warranty as stated in **Tables 1, 1A, 1B** attached hereto. For purposes of this limited warranty, "commercial applications" shall mean any application other than for personal, family, or household use.

TERM: The limited warranty period for Products is as stated in **Tables 1, 1A, 1B** attached hereto. If the Purchaser properly registers the Products, the limited warranty period shall be extended as stated in **Tables 1, 1A, 1B** attached hereto. Regardless of registration, the Commencement Date for a limited warranty period shall be the date that the original installation is complete and all Product start-up procedures have been properly completed and verified by an installer's invoice. If the installation and start-up date cannot be verified by the installer's invoice, the Commencement Date shall be sixty (60) days after the factory manufacture date which is verified by the Product serial number. Where a Product is installed in a newly constructed home, the Commencement Date is the date the Purchaser purchased the residence from the builder. Proof of Product purchase, installation, and/or closing date of the residence may be required to confirm the Commencement Date.

The installation of Product replacement parts under this limited warranty shall not extend the original warranty period. The warranty period for any Product part replaced under this limited warranty is the applicable warranty period remaining under the original Product warranty.

WHO IS COVERED: This limited warranty is provided only to the original owner and his or her spouse ("Purchaser") of the residence where the Products are originally installed. This warranty is not transferable except according to terms stated on the applicable website identified below under Registration Requirements. Company has the right to request any and all proof of Product purchase or installation and/or closing date of the residence.

WHAT COMPANY WILL DO: Company may request proof of Product purchase and/or installation in order to provide Product parts under this limited warranty. As Company's only responsibility and Purchaser's only remedy under this limited warranty, Company will furnish a replacement part to the licensed HVAC service provider, without charge for the part only, to replace any Product part that fails due to a manufacturing defect under normal use and maintenance. The Purchaser must pay for any and all shipping and handling charges and other costs of warranty service for the replacement part. If a Product part is not available, Company will, at its option, provide a free suitable substitute part or provide a credit in the amount of the then factory selling price for a new suitable substitute part to be used by the Purchaser towards the retail purchase price of a new Company product. Any new Product purchase shall be at Purchaser's sole cost and expense including, but not limited to, all shipping, removal, and installation costs and expenses.

REGISTRATION REQUIREMENTS: All Products must be properly registered online by the Purchaser within sixty (60) days after the Commencement Date to receive the registered limited warranty terms. To register online, go to:

<http://www.trane.com/Residential/For-Owners/Warranties> or
<http://www.americanstandardair.com/servicesupport/pages/warranty.aspx>

and click "Begin Online Registration." If a Purchaser does not register within this stated time period, the base limited warranty terms shall apply.

ELIGIBILITY REQUIREMENTS: The following items are required in order for the Products to be covered under this limited warranty:

- The Products must be in the same location where they were originally installed.
- The Products must be properly installed, operated, and maintained by a licensed HVAC service provider in accordance with the Product specifications or installation, operation, and maintenance instructions provided by Company with each Product. Failure to conform to such specifications and/or instructions shall void this limited warranty. Company may request written documentation showing the proper preventative maintenance.
- All Product parts replaced by Company under this limited warranty must be given to the servicing provider for return to Company.
- Air handlers, air conditioners, heat pumps, cased or uncased coils and stand-alone furnaces must be part of an Air Conditioning, Heating, and Refrigeration Institute rated and matched system or a specification in a Company provided bulletin or otherwise approved in writing by a Company authorized representative.

EXCLUSIONS: The following are not covered by this limited warranty:

- Labor costs including, but not limited to, costs for diagnostic calls or the removal and reinstallation of Products and/or Product parts.
- Shipping and freight expenses required to ship Product replacement parts.
- Failures, defects, or damage (including, but not limited to, any loss of data or property) caused by (1) any third party product, service, or system connected or used in conjunction with the Products; (2) any use that is not designed or intended for the Products; (3) modification, alteration, abuse, misuse, negligence, or accident; (4) improper storage, installation, maintenance, or operation including, but not limited to, operation of electrical equipment at voltages other than the range specified on the Product nameplate; (5) any use in violation of written instructions or specifications provided by Company; (6) any acts of God including, but not limited to, fire, water, storms, lightning, or earthquakes; or any theft or riots; or (7) a corrosive atmosphere or contact with corrosive materials such as, but not limited to, chlorine, fluorine, salt (provided that indoor and outdoor coils will only be covered if a Sea Coast Kit is installed), sulfur, recycled waste water, urine, fertilizers, rust, or other damaging substances or chemicals.
- Products purchased direct including, but not limited to, Internet or auction purchases and purchases made on an uninstalled basis.
- Cabinets or cabinet pieces that do not affect product performance, air filters, refrigerant, refrigerant line sets, belts, wiring, fuses, surge protection devices, non-factory installed driers, and Product accessories (unless otherwise specified).
- Increased utility usage costs.

REFRIGERANT POLICY: (1) **Manufacturer-Installed Refrigerant:** Beginning on January 1, 2010, R-22 refrigerant will no longer be used as a manufacturer-installed refrigerant as required by federal regulation. All Products with manufacturer-installed refrigerant will include R410A refrigerant. Any and all expenses or costs associated with replacing Product parts that are not R-410A compatible will not be covered by the terms and conditions of this limited warranty. (2) **Non-Manufacturer installed Refrigerant:** For Products manufactured and sold by the Company without refrigerant, only manufacturer approved and genuine alternate refrigerants shall be used. The use of contaminated, counterfeit, non-genuine, or non-manufacturer approved alternate refrigerant will void this limited warranty. (3) **All Products:** Products include a liquid line filter drier which must be replaced when a compressor replacement is necessary. A suction line filter drier must be added for compressors defined as burnouts and failure to do so will void this warranty. Non-approved refrigerant and/or non-approved refrigerant system additives including, but not limited to dyes will void this limited warranty.

ADDITIONAL TERMS:

THIS 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. THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THE APPLICABLE PRODUCT WARRANTY. COMPANY DOES NOT AUTHORIZE ANY PERSON TO CREATE FOR IT ANY OBLIGATION OR LIABILITY IN CONNECTION WITH THE PRODUCTS.

NOTWITHSTANDING ANYTHING IN THIS LIMITED WARRANTY TO THE CONTRARY, COMPANY SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL AND/OR PUNITIVE DAMAGES, WHETHER BASED ON CONTRACT, WARRANTY, TORT (INCLUDING, BUT NOT LIMITED TO, STRICT LIABILITY OR NEGLIGENCE), PATENT INFRINGEMENT, OR OTHERWISE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. COMPANY'S MAXIMUM LIABILITY HEREUNDER IS LIMITED TO THE ORIGINAL PURCHASE PRICE OF THE PRODUCTS.

No action arising out of any claimed breach of this limited warranty may be brought by a Purchaser more than one (1) year after the cause of action has arisen.

This limited warranty gives you specific legal rights, and you may also have other rights as otherwise permitted by law. If this Product is considered a consumer product, please be advised that some local laws do not allow limitations on incidental or consequential damages, how long a warranty lasts based on registration, or how long an implied warranty lasts, so that the above limitations may not fully apply. Refer to your local laws for your specific rights under this limited warranty.

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Or visit our website at www.trane.com or www.americanstandardair.com

GW-658-0119

TABLE 1: Warranty Time Periods for Outdoor Units, Air Handlers, Packaged Air Conditioners and Heat Pumps, Furnaces, Ductless Systems Cased and Uncased Coils - Trane and American Standard Products

COVERAGE TERMS FOR RESIDENTIAL APPLICATIONS: Pursuant to the Trane U.S., Inc. ("Company") limited warranty terms and conditions, the following Products are covered for the base time periods as stated below ("Base Limited Warranty Period"). If registered, the Base Limited Warranty Periods for certain Products will be extended as stated below ("Registered Limited Warranty Period").

SINGLE PHASE R-410A OUTDOOR UNITS:

4TTB, 4TMM, 4ATR, 4TWB, 4TWR, 4TTL6, 4TWL6, 4TWL9, 4A6B, 4A6H4/5/6, 4A7B, 4A7M, 4A7A3/4/6 4A7L6, 4A6L6, 4A6L9

Base Limited Warranty Period:
Compressor, Outdoor Coil, Parts – five (5) years.
Registered Limited Warranty Period:
Compressor, Outdoor Coil, Parts – ten (10) years.

4TTX, 4TTV, 4TWX, 4TWV, 4A6H7, 4A6V, 4A7A7, 4A7V:

Base Limited Warranty Period:
Compressor, Outdoor Coil, Parts – five (5) years.
Registered Limited Warranty Period:
Compressor – twelve (12) years, Outdoor Coil, Parts – ten (10) years.

SINGLE PHASE R-22 OUTDOOR UNITS:

2TTB, 2TMM, 2TWB, 2A6B, 2A7B:

Base Limited Warranty Period:
Compressor, Outdoor Coil, Parts – one (1) year.
Registered Limited Warranty Period:
Compressor, Outdoor Coil, Parts – five (5) years.

AIR HANDLERS:

TAM9, TAM4, GAF2, GAM5, GMU, GMV, TEM:

Base Limited Warranty Period:
Indoor Coil and Parts – five (5) years.
Registered Limited Warranty Period:
Indoor Coil and Parts – ten (10) years.

TMM:

Base Limited Warranty Period:
Indoor Coil and Parts – three (3) years.
Registered Limited Warranty Period:
Indoor Coil and Parts – ten (10) years.

PACKAGED AIR CONDITIONERS and PACKAGED HEAT PUMPS (SINGLE-PHASE):

4TCC4, 4TCY4, 4TCY5, 4WCC4, 4WCY4, 4WCY5, 4WHC4:

Base Limited Warranty Period:
Compressor, Coils, Parts – five (5) years.
Registered Limited Warranty Period:
Compressor, Coils, Parts – ten (10) years.

4YCC4, 4DCY4, 4YCY4, 4YCY5, (SINGLE-PHASE):

Base Limited Warranty Period:
Compressor, Coils, Parts – five (5) years, Heat Exchanger – twenty (20) years.
Registered Limited Warranty Period:
Compressor, Coils, Parts – ten (10) years, Heat Exchanger – twenty (20) years.

4WCZ6 (SINGLE-PHASE):

Base Limited Warranty Period:
Compressor, Coils, Parts – five (5) years.
Registered Limited Warranty Period:
Compressor – twelve (12) years, Coils, Parts – ten (10) years.

4DCZ6, 4YCY6 (SINGLE-PHASE):

Base Limited Warranty Period:
Compressor, Coils, Parts – five (5) years, Heat Exchanger – twenty (20) years.
Registered Limited Warranty Period:
Compressor – twelve (12) years, Coils, Parts – ten (10) years, Heat Exchanger – twenty (20) years.

FURNACES (*First digit may be "T" or an "A"):

S8X1, S8X2, S8B1, *UD1/*DD1, *UD1-H/*DD1-H, *UD2/*DD2, *UE1/*DE1:

Base Limited Warranty Period:
Parts – five (5) years, Heat Exchanger – twenty (20) years.
Registered Limited Warranty Period:
Parts – ten (10) years, Heat Exchanger – twenty (20) years.

S9V2, S9X2, S9X1, *UC1/*DC1, *UD2-V/*DD2-V, *UD2-C-V/*DD2-C-V, *UH1/*DH1; *UX1/*DX1;

*UH2/*DH2; *UHM/*DHM:
Base Limited Warranty Period:
Parts – five (5) years, Heat Exchanger – twenty (20) years.
Registered Limited Warranty Period:
Parts – ten (10) years, Heat Exchanger – Lifetime

Note Regarding Heat Exchangers: If a heat exchanger fails because of a manufacturing defect within the sixth through twentieth year of the applicable warranty period, Company will, at its sole option, provide either a replacement heat exchanger without charge, or allow a credit in the amount of the then factory selling price of an equivalent heat exchanger toward the retail purchase price of a new heating unit.

CASED AND UNCASED COILS:

4TXA, 4TXC, 4XCX, 4NXA, 4NXC, 4PXC, 4PXA, 4TXF-CC/CZ, 4FXCA, 4FXFH, 4FXCH:

Base Limited Warranty Period:
Coil, Parts – five (5) years.
Registered Limited Warranty Period:
Coil, Parts – ten (10) years.

4GXC, 4MXCA/B/C/D:

Base Limited Warranty Period:
Coil, Parts – three (3) years.
Registered Limited Warranty Period:
Coil, Parts – ten (10) years.

DUCTLESS SYSTEMS (Sold in Canada only):**

4TXU, 4UXD, 4UXC, 4UXL, 4UXX, 4UXW:

Base Limited Warranty Period:
All Parts – one (1) year.
Registered Limited Warranty Period:
All Parts – five (5) years.

4TYK/4MYW, 4TXK/4MXW, 4TXM, 4MXC85, 4MXL, 4MXD, 4MXF, 4MXX, 4TUK45, 4TUKL5, 4MUC45, 4MUD45, 4MUS45

Base Limited Warranty Period:
All Parts – one (1) year.
Registered Limited Warranty Period:
All Parts – ten (10) years.

**If any part of your Ductless System fails because of a manufacturing defect under normal use and maintenance within the Limited Warranty Period, the Company will furnish the required replacement part, or if the compressor, outdoor coil or indoor coil should be the part that fails during the Limited Warranty period, the affected unit will be replaced. The Purchaser must pay for any and all shipping and handling charges, and other costs of warranty service for the replacement part including, but not limited to, any related service labor, diagnosis calls and refrigerant. There is no distinction between residential and commercial use for this Limited Warranty term and coverage.

SPECIFIC TERMS FOR COMMERCIAL APPLICATIONS:

SINGLE PHASE and ALL 3-PHASE

(Models listed in Tables 1, 1A, 1B - excluding ductless systems)

Base Limited Warranty Period: Coil, Parts – one (1) year.
Base Limited Warranty Period: Compressor – five (5) years.
Base Limited Warranty Period: Packaged Unit Heat Exchanger – five (5) years.
Base Limited Warranty Period: For All Heat Exchangers on All Other Furnaces – twenty (20) years.

Table 1A: Warranty Time Periods for Controls, Zoning Products, Humidifiers, Energy Recovery Ventilators, Fans and other ventilation products, Air Cleaners, whole home Dehumidifiers.

COVERAGE TERMS FOR RESIDENTIAL APPLICATIONS: Pursuant to the Trane U.S., Inc. ("Company") limited warranty terms and conditions, the following Products, Functional Parts (as defined in Product Guide) are covered for the base time periods as stated below ("Base Limited Warranty period"). If registered, the Base Limited Warranty Periods for certain products will be extended as stated below ("Registered Limited Warranty Period").

CONTROLS: *CONT102, *CONT103, *CONT200, *CONT202, *CONT203, *CONT302, *CONT303, *CONT401, *CONT402, *CONT600, *CONT602, *CONT624, *CONT724, ZSENS930, TCONT830

Base Limited Warranty Period: one (1) year
Registered Limited Warranty Period: five (5) years

CONTROLS: *ZEMT500, *CONT800, *CONT802, *CONT803, *CONT824, *CONT850, *CONT900, *ZONE950, *ZON1050, *ZON1040

Base Limited Warranty Period: five (5) years
Registered Limited Warranty Period: ten (10) years

ZONING PRODUCTS: *ZONE940, ZZONEPNLAC52Z, ZZONEEXPAC52Z, ZZSENSAL0400, BAYSEN01ATEM-PA, BAY24VRP, ZDAMPDR, ZDAMPDM, ZDAMPBM, ZDAMPRR

Base Limited Warranty Period: five (5) years
Registered Limited Warranty Period: ten (10) years

HUMIDIFIERS: *HUMD200, *HUMD300, *HUMD500 and EHUM800

Base Limited Warranty Period: five (5) years
Registered Limited Warranty Period: ten (10) years

ENERGY RECOVERY VENTILATOR (TERV): TERVR100, TERVR200 & TERVR300

Base Limited Warranty Period: five (5) years
Registered Limited Warranty Period: ten (10) years

FANS AND OTHER VENTILATION PRODUCTS: Ventilator QF130V

Base Limited Warranty Period: One (1) Year
Registered Limited Warranty Period: five (5) years

AIR CLEANERS: TFD & AFD

Base Limited Warranty Period: five (5) years
Registered Limited Warranty Period: ten (10) years

(*First digit may be a "T" or an "A")

DEHUMIDIFIERS: 70V, 98H, 105XT, SD-12, 100V, 155XT, 205H

Base Limited Warranty Period:
One (1) Year Functional Parts, One (1) Year Unit Exchange *Refrigerant System Failure
Registered Limited Warranty Period: Five (5) Year Functional Parts, Five (5) Year Unit Exchange *Refrigerant System Failure * Refrigerant System Failure means a failed component in the sealed refrigerant circuit including compressor, coil and related components.
Note: If any part of your Dehumidifier Refrigerant System fails because of a manufacturing defect under normal use and maintenance within the Limited Warranty Period the affected unit will be exchanged. The purchaser must return the affected unit to the place of purchase in exchange for an equal replacement unit. Documentation relating to original owner, purchase date and install location will be required including a service diagnosis of failure. The purchaser is responsible for all costs of warranty service including, but not limited to, any related service labor or diagnosis calls. The purchaser relinquishes all rights to ownership of the returned unit.

SPECIFIC TERMS FOR COMMERCIAL APPLICATIONS:

Base Limited Warranty Period Applies for all controls, zoning products, humidifiers, dehumidifiers and ERV's

Table 1B: Warranty Time Periods for Installed Accessories in Air Handlers and Packaged Units

COVERAGE TERMS FOR RESIDENTIAL APPLICATIONS: Pursuant to the Trane U.S., Inc. ("Company") limited warranty terms and conditions, the following Products are covered for the time periods as stated below.

Electric Heaters for Multi-Position Air Handlers

HEATERS, Installed in GAM2, GAM5, GAT2, TAM4, TAM9, and TAMGB Air Handlers: BAYEA

Limited Warranty Period: ten (10) years

HEATERS, Installed in GAF2 Air Handlers: BAYEC

Limited Warranty Period: ten (10) years

HEATERS, Installed in TAM7, TAM8 & TAMG Air Handlers: BAYEV

Limited Warranty Period: ten (10) years

HEATERS, Installed in 4FWCA/F, 4FWHA/F Air Handlers: BAYHTR, BAYHTRDS, BAYHTRBK

Limited Warranty Period: ten (10) years

HEATERS, Installed in TEM, TVM Air Handlers: BAYHTR15

Limited Warranty Period: ten (10) years

HEATERS, Installed in TMM Air Handlers: BAYHTRM5

Limited Warranty Period: ten (10) years

HEATERS, Installed in 4TEE & 4TEC Air Handlers: BAYHTR14

Limited Warranty Period: ten (10) years

Optional Accessories for Multi-Position Air Handlers

UVC LIGHTS, Installed in GAF2, GAM2, GAM5, GAT2, TAM4, TAM7 & TAM8, TAMG, TAM9 Air Handlers: BAYUVC

Limited Warranty Period: Ballast - ten (10) years, Bulbs - one (1) year

COMPRESSOR CONTROL MODULE, Installed in TAM8 Air Handlers: BAY24CCVK

Limited Warranty Period: ten (10) years

Hydronic Heaters for Multi-Position Air Handlers

HOT WATER COIL, Installed in TAM9, TAMGB, GAM5 Air Handlers: BAYWA

Limited Warranty Period: ten (10) years

HOT WATER COIL, Installed in TAM7, TAM8, TAMG Air Handlers: BAYWW

Limited Warranty Period: ten (10) years

Electric Heaters for Packaged Units

HEATERS, Installed in 4TC*3 & 4, 4WC*3, 4 & 6 Packaged Units: BAYHTRV

Limited Warranty Period: ten (10) years

HEATERS, Installed in 4WHC Packaged Units: BAYHTRC

Limited Warranty Period: ten (10) years

Optional Accessories for Packaged Units

UVC LIGHTS, Installed in 4TC*3 & 4, 4WC*3, 4 & 6, 4YC*3, 4 & 6, 4DC*4 & 6 Packaged Units: BAYUV

Limited Warranty Period: Ballast - ten (10) years, Bulbs - one (1) year

ECONOMIZERS, Installed in 4TC*3 & 4, 4WC*3, 4 & 6, 4YC*3, 4 & 6, 4DC*4 & 6 Packaged Units: BAYECON

Limited Warranty Period: ten (10) years

MOTORIZED DAMPER, Installed in 4TC*3 & 4, 4WC*3, 4 & 6, 4YC*3, 4 & 6, 4DC*4 & 6 Packaged Units:

BAYDMPR
Limited Warranty Period: ten (10) years

SPECIFIC TERMS FOR 3-PHASE UNITS

(Models up to 5 Tons in a RESIDENTIAL Application):

3-PHASE OUTDOOR UNITS: 4TTA, 4TWA, 4A7C, 4A6C:

3-PHASE PACKAGED UNITS: 4TCY4, 4TCX3, 4TCC3, 4WCZ6, 4DCZ6, 4WCY4, 4DCY4, 4WCX3, 4WCC3, 4YCY6, 4YCY4, 4YCX3, 4YCC3

Base Limited Warranty Period:
Outdoor Coil, Parts – one (1) year, Compressor – five (5) years.

Registered Limited Warranty Period:
Compressor, Outdoor Coil, Parts – ten (10) years.

4WCZ6, 4DCZ6, 4YCY6 only: Compressor – twelve (12) years, Coils, Parts – ten (10) years,

Heat Exchanger - twenty (20) years