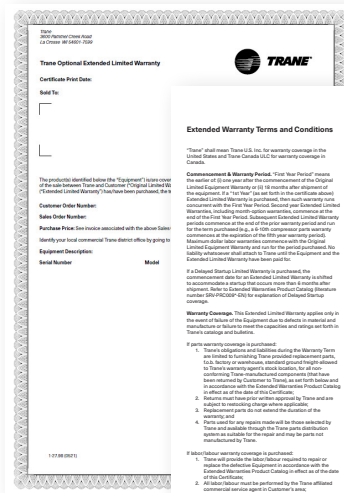


# Product Catalog



**Extended Warranty Terms and Conditions**

"Trane" shall mean Trane U.S. Inc. for warranty coverage in the United States and Trane Canada LLC for warranty coverage in Canada.

**Commencement & Warranty Period:** "First Year Period" means the period of time after the commencement of the Original Limited Warranty. "Second Year Period" means the period of time after the commencement of the First Year Period. "Third Year Period" means the period of time after the commencement of the Second Year Period. "Fourth Year Period" means the period of time after the commencement of the Third Year Period. "Fifth Year Period" means the period of time after the commencement of the Fourth Year Period. "Sixth Year Period" means the period of time after the commencement of the Fifth Year Period. "Seventh Year Period" means the period of time after the commencement of the Sixth Year Period. "Eighth Year Period" means the period of time after the commencement of the Seventh Year Period. "Ninth Year Period" means the period of time after the commencement of the Eighth Year Period. "Tenth Year Period" means the period of time after the commencement of the Ninth Year Period. "Eleventh Year Period" means the period of time after the commencement of the Tenth Year Period. "Twelfth Year Period" means the period of time after the commencement of the Eleventh Year Period. "Thirteenth Year Period" means the period of time after the commencement of the Twelfth Year Period. "Fourteenth Year Period" means the period of time after the commencement of the Thirteenth Year Period. "Fifteenth Year Period" means the period of time after the commencement of the Fourteenth Year Period. "Sixteenth Year Period" means the period of time after the commencement of the Fifteenth Year Period. "Seventeenth Year Period" means the period of time after the commencement of the Sixteenth Year Period. "Eighteenth Year Period" means the period of time after the commencement of the Seventeenth Year Period. "Nineteenth Year Period" means the period of time after the commencement of the Eighteenth Year Period. "Twentieth Year Period" means the period of time after the commencement of the Nineteenth Year Period. "Twenty-first Year Period" means the period of time after the commencement of the Twentieth Year Period. "Twenty-second Year Period" means the period of time after the commencement of the Twenty-first Year Period. "Twenty-third Year Period" means the period of time after the commencement of the Twenty-second Year Period. "Twenty-fourth Year Period" means the period of time after the commencement of the Twenty-third Year Period. "Twenty-fifth Year Period" means the period of time after the commencement of the Twenty-fourth Year Period. "Twenty-sixth Year Period" means the period of time after the commencement of the Twenty-fifth Year Period. "Twenty-seventh Year Period" means the period of time after the commencement of the Twenty-sixth Year Period. "Twenty-eighth Year Period" means the period of time after the commencement of the Twenty-seventh Year Period. "Twenty-ninth Year Period" means the period of time after the commencement of the Twenty-eighth Year Period. "Thirtieth Year Period" means the period of time after the commencement of the Twenty-ninth Year Period. "Thirty-first Year Period" means the period of time after the commencement of the Thirtieth Year Period. "Thirty-second Year Period" means the period of time after the commencement of the Thirty-first Year Period. "Thirty-third Year Period" means the period of time after the commencement of the Thirty-second Year Period. "Thirty-fourth Year Period" means the period of time after the commencement of the Thirty-third Year Period. "Thirty-fifth Year Period" means the period of time after the commencement of the Thirty-fourth Year Period. "Thirty-sixth Year Period" means the period of time after the commencement of the Thirty-fifth Year Period. "Thirty-seventh Year Period" means the period of time after the commencement of the Thirty-sixth Year Period. "Thirty-eighth Year Period" means the period of time after the commencement of the Thirty-seventh Year Period. "Thirty-ninth Year Period" means the period of time after the commencement of the Thirty-eighth Year Period. "Fortieth Year Period" means the period of time after the commencement of the Thirty-ninth Year Period. "Forty-first Year Period" means the period of time after the commencement of the Forty-first Year Period. "Forty-second Year Period" means the period of time after the commencement of the Forty-second Year Period. "Forty-third Year Period" means the period of time after the commencement of the Forty-third Year Period. "Forty-fourth Year Period" means the period of time after the commencement of the Forty-fourth Year Period. "Forty-fifth Year Period" means the period of time after the commencement of the Forty-fifth Year Period. "Forty-sixth Year Period" means the period of time after the commencement of the Forty-sixth Year Period. "Forty-seventh Year Period" means the period of time after the commencement of the Forty-seventh Year Period. "Forty-eighth Year Period" means the period of time after the commencement of the Forty-eighth Year Period. "Forty-ninth Year Period" means the period of time after the commencement of the Forty-ninth Year Period. "Fiftieth Year Period" means the period of time after the commencement of the Fiftieth Year Period.



## Extended Warranties



## Introduction

We know that most manufacturing defects show up early on. So we cover all parts with a one-year warranty to ensure that your equipment is operating as it should. After that, your needs and concerns are unique to your business. Trane extended warranty options allow you to get as little or as much coverage as you need, always backed by genuine Trane parts and service expertise.

### Warranty Descriptions

The warranty options outlined in this catalog are valid only on equipment installed in the United States and Canada. These warranties are only available for purchase through a Trane Commercial Sales office.

### Important Considerations:

- **Warranty certificates** - a warranty certificate will be issued after the sale. Please retain the certificate for the duration of the warranty period.
- **Transferability of warranty** - the Trane Optional Extended Limited Warranties described in this catalog are assigned to the serial number of the Trane product. In the event that the equipment and building are sold, the warranty will pass seamlessly to the new owner as long as the equipment remains in the original install location. Moving the equipment from the original geographic install location will void the warranty.
- **Startup** - for the purposes of new equipment extended warranty, the term "startup" is defined as the first date power is put to the unit.
- **Whole unit** - refers to the serialized product as it was configured, ordered & shipped from the Trane manufacturing location. Frequently this is a piece of equipment, but may also refer to a serialized assembly in the case of aftermarket product offerings such as purge assemblies, drives, and control package upgrades.
- **Non-Trane modification** - a repair or alteration not specifically approved by the Trane product manufacturing locations (including but not limited to modifications for mobile applications). All non-Trane modifications are excluded from coverage of any purchased extended warranties and, in some cases, may void the warranties altogether.
- **Trane-approved modification** - an alteration specifically approved by Trane, but done outside the Trane manufacturing facility. While these modifications will not void the terms and conditions of the warranty, they will not be covered by it.

## Copyright

This document and the information in it are the property of Trane, and may not be used or reproduced in whole or in part without written permission. Trane reserves the right to revise this publication at any time, and to make changes to its content without obligation to notify any person of such revision or change.

## Trademarks

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

## Revision History

Revised February 2017

Revised July 2017

Revised June 2018

Revised July 2021



# Table of Contents

Table of Contents.....	3
Whole Unit Parts Warranty .....	4
Parts Less Compressor Warranty.....	5
Parts Less Starter/AFD Warranty .....	6
Compressor Parts Warranty.....	7
Motor/Compressor Parts Warranty (Centrifugal Only).....	8
Refrigerant Circuit Warranty (Water Source Heat Pump Units Only).....	9
Gas Heat Exchanger Parts Warranty .....	10
Whole Unit Labor Warranty.....	11
Motor/Compressor Labor Warranty (Centrifugal Only) .....	12
Compressor Labor Warranty .....	13
Labor Less Compressor Warranty .....	14
Labor Less Starter/AFD Warranty.....	15
Refrigerant Loss Warranty .....	16
Delayed Startup Warranty.....	17
Light Commercial Unitary Extended Warranties .....	19
Outdoor Air Product Extended Warranties.....	20
Mini Split Limited Labor Warranties.....	21
Parts Center Extended Warranties.....	22
Compressor Parts Warranty.....	22
Motor Parts Warranty.....	23
\$ Maximum Compressor Labor Warranty .....	24
\$ Maximum Motor Labor Warranty .....	25
\$ Maximum Crane Coverage .....	26
Extended Warranty Terms and Conditions.....	27



## Whole Unit Parts Warranty

The Whole Unit Parts Warranty covers replacement parts for a failure due to defects in material and manufacture or failure to meet capacities and ratings set forth in Trane's catalogs and bulletins. This option can be purchased with the equipment and may be available for a limited time after shipment and after start-up.

Replacement parts used for repairs to the equipment covered by this optional warranty are to be obtained through a Trane HVAC Supply store. Only Trane-approved parts are covered.

Parts given in satisfaction of this warranty do not carry a warranty of their own. The warranty will remain in effect for the term originally purchased.

A copy of the terms and conditions is included in the back of this catalog.

### **Items covered by this warranty**

- All parts on the serialized product as it was configured, ordered & shipped from the Trane manufacturing location
- Replacement parts as selected by Trane parts store (may be rebuilt parts)

### **Items not covered by this warranty**

- Maintenance and/or consumable materials
- Tools
- Labor
- Refrigerant
- Insulation

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*

## Parts Less Compressor Warranty

The Parts Less Compressor Warranty is similar to the whole unit coverage but excludes the compressor or motor/compressor assembly. This option is not available as a stand-alone warranty. It is to be used in conjunction with a compressor parts warranty when the required term of the whole unit parts coverage is less than that of the compressor. Parts Less Compressor Warranty can be purchased with the equipment and may be available for a limited time after shipment. This warranty covers replacement parts for a failure due to defects in material and manufacture or failure to meet capacities and ratings set forth in Trane's catalogs and bulletins.

Replacement parts used for repairs to the equipment covered by this optional warranty are to be obtained through a Trane HVAC Supply store. Only Trane-approved parts are covered.

Parts given in satisfaction of this warranty do not carry a warranty of their own. The warranty will remain in effect for the term originally purchased.

A copy of the terms and conditions is included in the back of this catalog.

### **Items covered by this warranty**

- All parts except the compressor or motor/compressor assembly on the unit for which the warranty was purchased as shipped from Trane manufacturing location
- Replacement parts as selected by Trane parts store (may be rebuilt parts)

### **Items not covered by this warranty**

- Compressor or motor/compressor assembly
- Maintenance and/or consumable materials
- Tools
- Labor
- Refrigerant
- Insulation

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*



## Parts Less Starter/AFD Warranty

The Parts Less Starter/AFD Warranty is similar to the whole unit coverage described on p. 4 but excludes the starter or frequency drive (AFD). This option can be purchased with the equipment and may be available for a limited time after shipment. This warranty covers replacement parts for a failure due to defects in material and manufacture or failure to meet capacities and ratings set forth in Trane's catalogs and bulletins.

Replacement parts used for repairs to the equipment covered by this optional warranty are to be obtained through a Trane HVAC Supply store. Only Trane-approved parts are covered. Parts given in satisfaction of this warranty do not carry a warranty of their own. The extended warranties remain in effect for the term originally purchased.

A copy of the terms and conditions is included in the back of this catalog.

### **Items covered by this warranty**

- All parts except the starter or AFD assembly on the serialized unit as it was configured, ordered, and shipped from Trane manufacturing location
- Replacement parts as selected by Trane parts store (may be rebuilt parts)

### **Items not covered by this warranty**

- Starter
- Frequency Drive
- Refrigerant lines associated with drive cooling
- Maintenance materials
- Tools
- Equipment rental
- Refrigerant

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*

## Compressor Parts Warranty

The Compressor Parts Warranty provides for coverage on the compressor only and continues the terms and conditions of the 12/18 equipment warranty. Compressor Parts Warranty can be purchased with the equipment and may be available for a limited time after shipment or after start-up.

Replacement parts used for repairs to the equipment covered by this optional warranty are to be obtained through a Trane HVAC Supply store. Only Trane-approved parts are covered.

Parts given in satisfaction of this warranty do not carry a warranty of their own. The warranty will remain in effect for the term originally purchased.

A copy of the terms and conditions is included in the back of this catalog.

### **Items covered by this warranty**

- Only the main compressor(s) on the unit as originally purchased from Trane
- Replacement part may be the whole compressor assembly or only compressor components at the discretion of Trane
- Replacement parts as selected by Trane parts store (may be rebuilt parts)

### **Items not covered by this warranty**

- Unit parts other than the compressor
- Contactors or other related electrical/control components
- Maintenance and/or consumable materials
- Tools
- Labor
- Refrigerant
- Insulation

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*



## Motor/Compressor Parts Warranty (Centrifugal Only)

The Motor/Compressor Parts Warranty provides for coverage on the motor/compressor assembly only. This option can be purchased with the equipment and maybe available for a limited time after shipment. Terms beyond 10 years require a Trane Service or TIS Agreement if warranty is purchased after the chiller has shipped.

Replacement parts used for repairs to the equipment covered by this optional warranty are to be obtained through a Trane HVAC Supply store. Only Trane-approved parts are covered.

Parts given in satisfaction of this warranty do not carry a warranty of their own. The warranty will remain in effect for the term originally purchased.

A copy of the terms and conditions is included in the back of this catalog.

Extended surge conditions can result in premature wear and compressor failure. This warranty coverage is contingent upon the following conditions:

- The chiller operating strictly within design conditions
- All recommended maintenance is performed in accordance with Trane literature and instructions, and all services are fully performed based upon the data and information that is gathered through the performance of the recommended maintenance.
- Failure to adhere to these conditions may result in the denial of a warranty claim in the sole discretion of Trane.

### Items covered by this warranty

- Only the motor/compressor assembly on the unit as originally purchased from Trane
- Gaskets and O-rings that are part of the motor/compressor assembly
- Compressor motor terminals
- Impeller
- Oil tank and pump
- In the event of a motor failure, the motor change-out kit is covered, as would be the oil and oil filters

### Items not covered by this warranty

- Unit parts other than those listed above
- Contactors or other related electrical/control components that are not part of the motor/compressor assembly
- Starter or Frequency drive
- Suction flanges
- Discharge piping
- Gaskets and fittings that mate up to the motor compressor assembly, but are not part of it
- Maintenance and/or consumable materials
- Tools
- Labor
- Refrigerant
- Insulation

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*



## Refrigerant Circuit Warranty (Water Source Heat Pump Units Only)

The Refrigerant Circuit Warranty is a parts only policy which covers components through which the refrigerant passes. This option can be purchased with the equipment and may be available for a limited time after shipment.

Replacement parts used for repairs to the equipment covered by this optional warranty are to be obtained through a Trane HVAC Supply store. Only Trane-approved parts are covered.

Parts given in satisfaction of this warranty do not carry a warranty of their own. The warranty will remain in effect for the term originally purchased.

A copy of the terms and conditions is included in the back of this catalog.

### **Items covered by this warranty**

- Condenser coil
- Evaporator coil
- Expansion valve
- Connecting refrigerant piping

### **Items not covered by this warranty**

- Unit parts not specifically listed above
- Compressors (covered by standard warranties)
- Maintenance and/or consumable materials
- Tools
- Labor
- Refrigerant

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*



## Gas Heat Exchanger Parts Warranty

The Heat Exchanger Warranty covers gas heat exchanger parts only. This option can be purchased with the equipment and may be available for a limited time after shipment or after start-up.

The replacement heat exchanger used to repair the covered equipment must be obtained through a Trane HVAC Supply store. Only Trane-approved parts are covered.

Parts given in satisfaction of this warranty do not carry a warranty of their own. The warranty will remain in effect for the term originally purchased.

A copy of the terms and conditions is included in the back of this catalog.

### **Items covered by this warranty**

- Only the gas heat exchanger in the unit as originally purchased from Trane

### **Items not covered by this warranty**

- Failures resulting from corrosion, erosion or deterioration
- Parts other than the gas heat exchanger itself
- Burner and gas train
- Maintenance and/or consumable materials
- Tools
- Labor
- Refrigerant

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*

## Whole Unit Labor Warranty

The description on this page refers only to large Unitary and Applied Commercial equipment. Labor Warranties apply only to the repair/replacement of parts that fail due to a defect in material or manufacture. This option can be purchased with the equipment and may be available for a limited time after shipment. A Trane warranty agent (Trane-affiliated Service Company) must perform warranty repair labor. Labor by others is not covered unless for a specific operation or skill not possessed by the Trane warranty agent and must be pre-approved in writing by Extended Warranties.

A copy of the terms and conditions is included in the back of this catalog.

### Items covered by this warranty

- Labor to repair equipment that has failed within the warranty period due to a defect in material or manufacture (reference page 4)
- Reasonable travel and diagnostic time
- Repair of factory insulation (does not cover 3rd party repair unless pre-approved in writing by Extended Warranties)
- Nitrogen, oxygen, acetylene and brazing materials when required for a covered repair

### Items not covered by this warranty

- Parts and materials (except as listed above) used to repair the covered unit
- Equipment not considered by Trane to be large Unitary and/or Applied commercial equipment
  - LCU (reference page 19)
  - Outdoor Air Products (reference page 20)
  - Mini-Splits/Multi-Zone (reference page 21)
- Crane/rigging (except as noted below)<sup>1</sup>
- Labor to perform maintenance
- Nuisance calls
- Unit access problems
- Overtime and holiday pay
- Equipment rental
- Refrigerant
- Labor to replace or repair components specifically excluded on the warranty certificate
- Labor to repair issues resulting from modifications to the Trane equipment

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*

---

<sup>1</sup> IntelliPak, IntelliPak II, and Voyager III product labor warranties include a \$800 crane allowance for compressor, coil, and supply fan motor failures. This applies to equipment shipped after July 1, 2013. Refer to page 19 for more information on the LCU Warranty program.



## Motor/Compressor Labor Warranty (Centrifugal Only)

This warranty applies only to the repair/replacement of the parts in the compressor assembly that fail due to a defect in material or manufacture. This option can be purchased with the equipment and may be available for a limited time after shipment. Terms beyond 10 years require a Trane Service or TIS Agreement if warranty is purchased after the chiller has shipped.

A Trane warranty agent (Trane-affiliated Service Company) must perform warranty repair labor. Labor by others is not covered unless for a specific operation or skill not possessed by the Trane warranty agent and must be pre-approved in writing by Extended Warranties.

A copy of the terms and conditions is included in the back of this catalog.

Extended surge conditions can result in premature wear and compressor failure. This warranty coverage is contingent upon the following conditions:

- The chiller operating strictly within design conditions
- All recommended maintenance is performed in accordance with Trane literature and instructions, and all services are fully performed based upon the data and information that is gathered through the performance of the recommended maintenance.
- Failure to adhere to these conditions may result in the denial of a warranty claim in the sole discretion of Trane.

### Items covered by this warranty

- Labor to repair or replace motor/compressor assembly parts that fail in warranty on the unit as originally purchased and shipped from Trane manufacturing location
- Reasonable travel and diagnostic time
- Repair of existing factory compressor insulation if damaged during repair
- Nitrogen, oxygen, acetylene and brazing materials when required for a covered repair

### Items not covered by this warranty

- Parts and materials (except as listed above) used to repair the covered unit
- Crane/rigging
- Labor to perform maintenance
- Nuisance calls
- Unit accessing problems
- Overtime and holiday pay
- Equipment rental
- Refrigerant

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*

## Compressor Labor Warranty

Compressor Labor Warranty applies only to the repair/replacement of the parts in the compressor assembly that fail due to a defect in material or manufacture. This option can be purchased with the equipment and may be available for a limited time after shipment.

A Trane warranty agent (Trane-affiliated Service Company) must perform warranty repair labor. Labor by others is not covered unless for a specific operation or skill not possessed by the Trane warranty agent and must be pre-approved in writing by Extended Warranties.

A copy of the terms and conditions is included in the back of this catalog.

### Items covered by this warranty

- Labor to repair or replace compressor or compressor parts that fail in warranty on the unit as originally purchased and shipped from Trane plant
- Reasonable travel and diagnostic time
- Repair of existing factory compressor insulation if damaged during repair
- Nitrogen, oxygen, acetylene and brazing materials when required for a covered repair

### Items not covered by this warranty

- Crane/rigging<sup>1</sup>
- Parts and materials (except as listed above) used to repair the covered unit
- Labor to perform maintenance
- Nuisance calls
- Unit accessing problems
- Overtime and holiday pay
- Equipment rental
- Refrigerant

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*

**For labor warranty coverage and crane allowance on LCU equipment, please refer to p. 19.**

---

*1. IntelliPak, IntelliPak II, and Voyager III product labor warranties include a \$800 crane allowance for compressor, coil, and supply fan motor failures. This applies to equipment shipped after July 1, 2021. LCU equipment includes a \$500 crane allowance. Refer to page 19 for more information on the LCU Warranty program.*



## Labor Less Compressor Warranty

The Labor Less Compressor Warranty is similar to the whole unit coverage described on p. 11 but excludes labor repairs/replacement to the compressor assembly. This option is not available as a stand-alone warranty. It is to be used in conjunction with a compressor labor warranty when the required term of the whole unit labor coverage is less than that of the compressor. This warranty can be purchased with the equipment and may be available for a limited time after shipment.

A Trane warranty agent (Trane-affiliated Service Company) must perform warranty repair labor. Labor by others is not covered unless for a specific operation or skill not possessed by the Trane warranty agent and must be pre-approved in writing by Extended Warranties.

A copy of the terms and conditions is included in the back of this catalog.

### Items covered by this warranty

- Labor to repair/replace any parts except the compressor assembly on the serialized unit as it was configured, ordered, and shipped from the Trane manufacturing location
- Reasonable travel and diagnostic time
- Repair of existing factory insulation
- Nitrogen, oxygen, acetylene and brazing materials when required for a covered repair

### Items not covered by this warranty

- Labor to repair/replace components other than those listed above
- Parts and materials (except as listed above) used to repair the covered unit
- Crane/rigging (except as noted below)<sup>1</sup>
- Labor to perform maintenance
- Nuisance calls
- Unit accessing problems
- Overtime and holiday pay
- Equipment rental
- Refrigerant<sup>2</sup>
- Labor to replace or repair components specifically excluded on the warranty certificate
- Labor to repair issues resulting from modifications to the Trane equipment

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*

---

1. IntelliPak, IntelliPak II, and Voyager III product labor warranties include a \$800 crane allowance for compressor, coil, and supply fan motor failures. This applies to equipment shipped after July 1, 2021. LCU equipment includes a \$500 crane allowance. Refer to page 19 for more information on the LCU Warranty program.

2. Refrigerant loss coverage is included with LCU and Outdoor Air products Whole Unit Labor Warranties. See page 19 for additional information.

## Labor Less Starter/AFD Warranty

The Labor Less Starter/AFD Warranty is similar to the whole unit coverage described on p. 11 but excludes labor repairs/replacement to the starter or Frequency Drive (AFD). This option can be purchased with the equipment and may be available for a limited time after shipment.

A Trane warranty agent (Trane-affiliated Service Company) must perform warranty repair labor. Labor by others is not covered unless for a specific operation or skill not possessed by the Trane warranty agent and must be pre-approved in writing by Extended Warranties.

A copy of the terms and conditions is included in the back of this catalog.

### **Items covered by this warranty**

- Labor to repair/replace any parts except the starter or AFD assembly on the serialized unit as it was configured, ordered, and shipped from the Trane manufacturing location
- Reasonable travel and diagnostic time
- Repair of factory insulation
- Nitrogen, oxygen, acetylene and brazing materials when required for a covered repair

### **Items not covered by this warranty**

- Labor to repair/replace the starter or AFD assembly
- Parts and materials (except as listed above) used to repair the covered unit
- Crane/rigging
- Labor to perform maintenance
- Nuisance calls
- Unit accessing problems
- Overtime and holiday pay
- Equipment rental
- Refrigerant

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*



## Refrigerant Loss Warranty

The Refrigerant Loss Warranty provides for refrigerant that must be replaced as the result of a part that failed due to a defect in material or manufacture. This option can be purchased with the equipment and may be available for a limited time after shipment.

This warranty covers refrigerant loss up to the design charge of the Trane unit.

A copy of the terms and conditions is included in the back of this catalog.

### Items covered by this warranty

- Refrigerant that must be replaced due to a defect in material or manufacture of the equipment as it was originally configured and ordered from Trane
- Replacement refrigerant of the same type (R514, R22, R134a, etc.) as specified by Trane for the covered unit

### Items not covered by this warranty

- Labor or accidental discharge of refrigerant
- Parts and materials used to repair the covered unit
- Maintenance materials
- Labor
- Tools
- Equipment rental including tanks
- Third party recovery of refrigerant

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*

**For refrigerant coverage on LCU equipment, please refer to p. 19.**



## Delayed Startup Warranty

The Delayed Startup Warranty must be purchased before initial unit startup and prior to expiration of the 12/18 standard equipment warranty. This optional warranty is useful when startup of new equipment is not going to occur within 6 months of shipment of the unit from Trane manufacturing location. On its own, this policy is a parts only coverage, but it can postpone the commencement date of all purchased warranties on the unit. The Delayed Startup Warranty will provide coverage beyond expiration of the 12/18 standard equipment warranty based on the term purchased.

If a Delayed Startup Warranty is purchased:

- **First year extended warranties** will commence at startup of the equipment and end the earlier of 12 months from startup or at the end of Delayed Startup warranty term purchased.
- **The Beyond first year extended warranties** will commence the earlier of 12 months from startup of the equipment or at the end of Delayed Startup warranty term purchased.

The Delayed Startup Warranty does not postpone commencement of any product standard warranties.

The Delayed Startup Warranty will not provide more than 12 months of warranty coverage. If more than 12 months of warranty coverage is required from startup, you must look at other warranty options either in combination with Delayed Startup Warranty or instead of Delayed Startup Warranty.

The Delayed Startup warranties of 12/32 and longer require a startup inspection to be performed by the Trane-affiliated service company with a report sent to Extended Warranties in La Crosse. Cost of such inspection is responsibility of the equipment owner. Additionally, in many cases specific care must be taken when storing units for extended periods of time - check the unit IOM for details.

**Example 1:** A chiller was shipped on January 1, 2019. Due to a long construction cycle, the chiller was not started until January 1, 2020. The chiller was sold with a 1st year labor warranty and 2nd-5th year parts warranty. The tables below illustrate the difference in warranty commencement dates with and without Delayed Startup coverage.

Warranty Without Delayed Startup	Effective Warranty	
	Start Date	End Date
12/18 Standard Parts	1/1/2020	7/1/2020
1st Year Labor	1/1/2020	7/1/2020
2nd-5th Year Parts	7/1/2020	7/1/2024

Warranty With Delayed Startup	Effective Warranty	
	Start Date	End Date
12/18 Standard Parts	1/1/2020	7/1/2020
12/24 Delayed Startup	7/1/2020	1/1/2021
1st Year Labor	1/1/2020	1/1/2021
2nd-5th Year Parts	1/1/2021	1/1/2025



## Delayed Startup Warranty

**Example 2:** A chiller was shipped on January 1, 2019. Due to a long construction cycle, the chiller is not going to be started until August 1, 2020. The table below illustrates warranty commencement dates for the situation when not enough Delayed Startup coverage was purchased.

Warranty With Not Enough Delayed Startup	Effective Warranty	
	Start Date	End Date
12/24 Delayed Startup	8/1/2020	1/1/2021
1st Year Labor	8/1/2020	1/1/2021
2nd-5th Year Parts	1/1/2021	1/1/2025

Replacement parts used for repairs to the equipment covered by this optional warranty are to be obtained through Trane HVAC Supply store. Only Trane-approved parts are covered.

A copy of the terms and conditions is included in the back of this catalog.

Additional delayed startup warranty can be purchased prior to startup if the unit is still within the 12/18 warranty period.

### Items covered by this warranty

- All parts on the unit for which the warranty was purchased as shipped from Trane manufacturing location

### Items not covered by this warranty

- Labor
- Crane/rigging
- Tools
- Equipment rental
- Refrigerant
- Insulation

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*

## Light Commercial Unitary Extended Warranties

There are several different extended warranty options available for Light Commercial Unitary (LCU) equipment. Whole Unit Parts, Compressor Parts and Gas Heat Exchanger Parts are available for LCU equipment and are almost identical to those for other equipment types. Whole Unit Labor and Compressor Labor warranties are also available, but are a bit different from the labor warranties on other types of equipment.

### Parts

- For Trane-affiliated Service Companies, there is no difference in how LCU Extended Parts Warranties are handled compared to other equipment types.
- For non-Trane Servicers providing warranty repairs, the only difference between LCU Extended Parts Warranties and Extended Parts Warranties on other equipment types is parts markup.

### Labor

There are a few key differences between Large Commercial Extended Labor Warranties and Light Commercial Extended Labor Warranties:

- Trane Service is not required to perform warranty repairs on LCU equipment. A qualified servicer may complete the repair and utilize the Light Commercial Unitary Limited Warranty program for reimbursement (see WAR-SVW001\*-EN).
- A \$500 crane allowance is included with LCU Labor Warranties.
- The Whole Unit Labor warranty on LCU equipment includes refrigerant loss coverage. You do not need to purchase a separate policy.

The Light Commercial Unitary Limited Warranty program (WAR-SVW001\*-EN) provides a more detailed explanation of the program including servicer allowances, parts markups, claim form, etc.



## Outdoor Air Product Extended Warranties

There are several different extended warranty options available for outdoor air equipment. Whole Unit Parts, Compressor Parts and Gas Heat Exchanger Parts are available for outdoor air equipment and are almost identical to those for other equipment types. Whole Unit Labor and Compressor Labor warranties are also available, but are a bit different from the labor warranties on other types of equipment.

### Parts

- For Trane-affiliated Service Companies, there is no difference in how Outdoor Air Product Extended Parts Warranties are handled compared to other equipment types.
- For non-Trane Servicers providing warranty repairs, the only difference between Outdoor Air Product Extended Parts Warranties and Extended Parts Warranties on other equipment types is parts markup.

### Labor

There are a few key differences between Large Commercial Extended Labor Warranties and Outdoor Air Product Extended Labor Warranties:

- Trane Service is not required to perform warranty repairs on outdoor air equipment. A qualified servicer may complete the repair and utilize the Outdoor Air Product Limited Warranty program for reimbursement (see EW-SVW001\*-EN).
- A \$500 crane allowance is included with Outdoor Air Product Labor Warranties.
- The Whole Unit Labor warranty on outdoor air equipment includes refrigerant loss coverage. You do not need to purchase a separate policy.

The Outdoor Air Product Limited Warranty program (EW-SVW001\*-EN) provides a more detailed explanation of the program including servicer allowances, parts markups, claim form, etc.

## Mini Split Limited Labor Warranties

The Mini Split labor warranties are similar to the whole unit labor warranties for other equipment types but have some distinct differences:

- Limited Labor warranty is only valid if all of the requirements for the longer standard parts warranty have been met.
- Trane Service is not required to perform warranty repairs on Mini Split equipment, but the servicer must complete Trane / Mitsubishi's M&P Series Essentials Bundle course prior to providing warranty repairs.
- A \$500 crane allowance is included with Mini Split Labor Warranties.
- The Mini Split Limited Warranty program (MS-SVW002\*-EN) provides a more detailed explanation of the program including servicer allowances, claim form, etc.



# Parts Center Extended Warranties

## Compressor Parts Warranty

The Compressor Warranty provides for parts coverage on the compressor only. This option is only available at the time of the compressor sale.

Replacement parts used for repairs to the covered equipment are to be obtained through a Trane HVAC Supply store. Only Trane-approved parts are covered. Parts given in satisfaction of this warranty do not include a warranty of their own. The standard and extended warranties remain in effect for the term originally purchased.

A copy of the terms and conditions is included in the back of this catalog.

### **Items covered by this warranty**

- Only the compressor(s) originally purchased from Trane
- Replacement part may be whole compressor or compressor parts at the discretion of Trane (replacement compressors may be remanufactured)

### **Items not covered by this warranty**

- Unit parts other than the compressor
- Contactors or other related electrical/control components
- Maintenance and/or consumable materials
- Tools
- Labor
- Refrigerant
- Insulation

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*

## Motor Parts Warranty

The Motor Parts Warranty is available on CenTraVac® (CTV) motors sold through the Trane HVAC Supply stores. It provides parts coverage for a replacement CTV motor only.

Replacement parts used for repairs to the covered equipment are to be obtained through a Trane HVAC Supply store. Only Trane-approved parts are covered.

A copy of the terms and conditions is included in the back of this catalog.

### **Items covered by this warranty**

- Only the CTV motor as originally purchased from Trane
- Replacement part may be whole motor or motor parts (i.e. rotor, shaft, etc.) at the discretion of Trane (replacement compressors may be remanufactured)
- Motor rewind/remanufacture must be performed by the Trane Charlotte Remanufacturing facility

### **Items not covered by this warranty**

- Unit parts other than the motor itself
- CTV motors for units greater than 25 years old
- Contactors or other related electrical/control components
- Maintenance and/or consumable materials
- Tools
- Labor
- Refrigerant
- Insulation

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*



## \$ Maximum Compressor Labor Warranty

The labor warranty is valid only for compressor failures that are warranted. The labor warranty will run concurrent with the compressor standard warranty depending on the term purchased. This is a maximum limit labor warranty. Coverage will not exceed the limit option purchased.

A copy of the terms and conditions is included in the back of this catalog.

### **Items covered by this warranty**

- Repair or replacement labor including evacuation and clean-up for burnouts
- Reasonable travel and diagnostic time
- Reasonable crane and rigging charges (up to \$500 USD - invoice required)

### **Items not covered by this warranty**

- Repair or replacement of system controls including contactors
- Refrigerant
- Labor premium (overtime or holiday pay)
- Per Diem allowance
- Labor claims submitted on non-warranty compressor failures
- Amounts that exceed the maximum dollar level of the labor warranty ordered

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*



## **\$ Maximum Motor Labor Warranty**

The labor warranty covers the CenTraVac® (CTV) motor as purchased from the Trane HVAC Supply store and runs the same term as the standard warranty. Labor **MUST** be performed by the Trane affiliated Service Company. This is a maximum limit labor warranty. Coverage will not exceed the limit option purchased.

A copy of the terms and conditions is included in the back of this catalog.

### **Items covered by this warranty**

- Repair or replacement labor
- Reasonable travel and diagnostic time
- Motor change-out kits and oil, obtained through a Trane HVAC supply store

### **Items not covered by this warranty**

- Repair or replacement of system controls including contactors
- Refrigerant
- Labor premium (overtime or holiday pay)
- Amounts that exceed the maximum dollar level of the labor warranty ordered
- Crane and rigging

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*



## \$ Maximum Crane Coverage

Crane costs associated with labor warranty repairs will be covered until the max policy limit selected has been reached or the 1st year labor warranty expires, whichever occurs first. Policy may be used for multiple occurrences up to the stated terms and limit of the policy. A copy of the terms and conditions is included in the back of this catalog.

### **Items covered by this warranty**

- Crane and rigging costs

### **Items not covered by this warranty**

- Amounts that exceed the maximum dollar level of the coverage purchased
- Labor
- Parts
- Refrigerant

*\*This list includes some specific examples of items not covered, but it is not an exhaustive list of exclusions. The absence of an item in this list does not mean that the item is covered. Items are not covered by the warranty unless expressly stated as included.*

## Extended Warranty Terms and Conditions

"Trane" shall mean Trane U.S. Inc. for warranty coverage in the United States and Trane Canada ULC for warranty coverage in Canada.

**Commencement & Warranty Period.** "First Year Period" means the earlier of: (i) one year after the commencement of the Original Limited Equipment Warranty or (ii) 18 months after shipment of the equipment. If a "1st Year" (as set forth in the certificate above) Extended Limited Warranty is purchased, then such warranty runs concurrent with the First Year Period. Second year Extended Limited Warranties, including month-option warranties, commence at the end of the First Year Period. Subsequent Extended Limited Warranty periods commence at the end of the prior warranty period and run for the term purchased (e.g., a 6-10th compressor parts warranty commences at the expiration of the fifth year warranty period). Maximum dollar labor warranties commence with the Original Limited Equipment Warranty and run for the period purchased. No liability whatsoever shall attach to Trane until the Equipment and the Extended Limited Warranty have been paid for.

If a Delayed Startup Limited Warranty is purchased, the commencement date for an Extended Limited Warranty is shifted to accommodate a startup that occurs more than 6 months after shipment. Refer to Extended Warranties Product Catalog (literature number SRV-PRC009\*-EN) for explanation of Delayed Startup coverage.

**Warranty Coverage.** This Extended Limited Warranty applies only in the event of failure of the Equipment due to defects in material and manufacture or failure to meet the capacities and ratings set forth in Trane's catalogs and bulletins.

If parts warranty coverage is purchased:

1. Trane's obligations and liabilities during the Warranty Term are limited to furnishing Trane provided replacement parts, f.o.b. factory or warehouse, standard ground freight-allowed to Trane's warranty agent's stock location, for all non-conforming Trane-manufactured components (that have been returned by Customer to Trane), as set forth below and in accordance with the Extended Warranties Product Catalog in effect as of the date of this Certificate;
2. Returns must have prior written approval by Trane and are subject to restocking charge where applicable;
3. Replacement parts do not extend the duration of the warranty; and
4. Parts used for any repairs made will be those selected by Trane and available through the Trane parts distribution system as suitable for the repair and may be parts not manufactured by Trane.

If labor/labour warranty coverage is purchased:

1. Trane will provide the labor/labour required to repair or replace the defective Equipment in accordance with the Extended Warranties Product Catalog in effect as of the date of this Certificate;
2. All labor/labour must be performed by the Trane affiliated commercial service agent in Customer's area;
3. Under Trane's Light Commercial Unitary, Trane's Mini-Split, and Trane's Light Commercial Package Rooftop Air Conditioner warranty programs the warranty repairs may be performed by any qualified servicer and the servicer must comply with Trane's terms and conditions as detailed in the corresponding product catalogs (WAR-SVW01\*-EN, MS-SVW002\*-EN, and EW-SVW001\*-EN).
4. Warranty work to be performed under the Max \$ Labor Warranty on service compressors purchased through a Trane HVAC Supply store may be performed by any qualified servicer; and

5. Labor/Labour is furnished during regular Trane business hours only and excludes, among other things, unusual equipment access problems and crane charges (except to the extent a crane allowance is expressly included by Trane for the particular unit).

**Transfer of Equipment.** An Extended Limited Warranty will remain in force upon sale and transfer of ownership of the Equipment as long as the Equipment is at all times located in the U.S. or Canada and the Equipment is installed in a fixed geographic location. If the Equipment is moved from its original installed fixed geographic location, the Extended Limited Warranty will terminate. No refunds will be issued for this Extended Limited Warranty except as provided herein.

**Exclusions.** This Extended Limited Warranty shall not apply to any Equipment that has been repaired, altered, or moved from the original installed fixed geographic location in such a manner that, in the judgment of Trane, affects its stability or reliability. This Extended Limited Warranty does not cover software (including "bug" fixes), corrosion, erosion, deterioration, units used in a mobile application, or damage due to accident, abuse or external causes, or freezing. Trane is not liable for any claims, damages, losses, or expenses, arising from or related to conditions that existed before commencement of the Extended Limited Warranty ("Pre-Existing Conditions"), including, without limitation, damages, losses, or expenses involving Pre-Existing Conditions of the Equipment, building envelope issues, mechanical issues, plumbing issues, and/or indoor air quality issues involving mold/mould and/or fungi. Trane also is not responsible for or liable for any claims, damages, losses, or expenses, suffered by the Customer in any way connected with, relating to, or arising from work done by or services provided by individuals or entities that are not employed, authorized, or hired by Trane.

**Customer Responsibilities.** Customer shall: (a) notify Trane of the claim no later than seven (7) calendar days from the date the claim arose; (b) Customer must permit warranty work or replacement to occur within sixty (60) calendar days from the date the claim arose, unless otherwise agreed in writing by Trane; (c) maintain the Equipment in accordance with Trane literature and instructions and shall make records of said maintenance available to Trane upon request; (d) provide Trane reasonable and safe access to the Equipment and areas where Trane is to work; and (e) reimburse Trane for services, repairs, and/or replacements performed by Trane beyond the coverage of, or otherwise excluded from, this Extended Limited Warranty and such reimbursement shall be at the then prevailing applicable regular, overtime, or holiday rates for labor/labour and prices for materials.

**Obtaining Warranty Services.** To obtain warranty service, contact your local Trane office. If you need assistance, please visit the Trane website at [www.trane.com/commercial](http://www.trane.com/commercial).

**Limitation of Liability and Disclaimer. NOTWITHSTANDING ANYTHING TO THE CONTRARY, IN NO EVENT SHALL TRANE BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, CONSEQUENTIAL, LOSSES OR DAMAGES OF ANY KIND (INCLUDING WITHOUT LIMITATION REFRIGERANT LOSS, PRODUCT LOSS, BUSINESS INTERRUPTION, COST OF RENTAL EQUIPMENT, LOST DATA, LOST REVENUE OR PROFITS, OR LIABILITY TO THIRD PARTIES) OR PUNITIVE DAMAGES, WHETHER BASED IN CONTRACT, WARRANTY, STATUTE, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, INDEMNITY OR ANY OTHER LEGAL THEORY OR FACTS, EVEN IF A PARTY HAS BEEN ADVISED OF SUCH POSSIBLE DAMAGES OR IF SAME WERE REASONABLY FORESEEABLE AND REGARDLESS OF WHETHER THE CAUSE OF ACTION IS FRAMED IN CONTRACT, NEGLIGENCE, ANY OTHER TORT, WARRANTY, STATUTE, STRICT LIABILITY, OR PRODUCT LIABILITY.**



## Extended Warranty Terms and Conditions

---

THE REMEDIES SET FORTH IN THE EXTENDED LIMITED WARRANTIES IDENTIFIED ABOVE ARE THE SOLE AND EXCLUSIVE REMEDIES FOR WARRANTY CLAIMS PROVIDED BY TRANE TO CUSTOMER UNDER AGREEMENT AND ARE IN LIEU OF ALL OTHER WARRANTIES AND LIABILITIES, LIABILITIES, CONDITIONS AND REMEDIES, WHETHER IN CONTRACT, WARRANTY, STATUTE OR TORT (INCLUDING NEGLIGENCE), EXPRESS OR IMPLIED, IN LAW OR IN FACT, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE AND/OR OTHERS ARISING FROM THE COURSE OF DEALING OR TRADE. COMPANY EXPRESSLY DISCLAIMS ANY REPRESENTATIONS OR WARRANTIES, ENDORSEMENTS OR CONDITIONS OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF QUALITY, FITNESS, MERCHANTABILITY, DURABILITY AND/OR OTHERS ARISING FROM COURSE OF DEALING OR TRADE OR REGARDING PREVENTION BY THE SCOPE OF SERVICES, OR ANY COMPONENT THEREOF, OF MOLD/MOULD, FUNGUS, BACTERIA, MICROBIAL GROWTH, OR ANY OTHER CONTAMINANTS. COMPANY EXPRESSLY DISCLAIMS ANY LIABILITY IF THE SCOPE OF SERVICES OR ANY COMPONENT THEREOF IS USED TO PREVENT OR INHIBIT THE GROWTH OF SUCH MATERIALS. NO REPRESENTATION OR WARRANTY OF ANY KIND, INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE, IS MADE REGARDING PREVENTING, ELIMINATING, REDUCING OR INHIBITING ANY MOLD, FUNGUS, BACTERIA, VIRUS, MICROBIAL GROWTH, OR ANY OTHER CONTAMINANTS (INCLUDING COVID-19 OR ANY SIMILAR VIRUS) (COLLECTIVELY, "CONTAMINANTS"), WHETHER INVOLVING OR IN CONNECTION WITH EQUIPMENT, ANY COMPONENT THEREOF, SERVICES OR OTHERWISE. IN NO EVENT SHALL TRANE HAVE ANY LIABILITY FOR THE PREVENTION, ELIMINATION, REDUCTION OR INHIBITION OF THE GROWTH OR SPREAD OF SUCH CONTAMINANTS INVOLVING OR IN CONNECTION WITH ANY EQUIPMENT, ANY COMPONENT THEREOF, SERVICES OR OTHERWISE AND CUSTOMER HEREBY SPECIFICALLY ACKNOWLEDGES AND AGREES THERETO.

**Termination.** If Trane terminates the Extended Limited Warranty, Trane will provide written notice to the Customer's last-known address contained in Trane's records at least fifteen (15) days prior to the effective date of the termination. The notice will state the effective date and reason for termination. Prior notice is not required if the reason for termination is nonpayment of the price for the Extended Limited Warranty, a material misrepresentation, or a substantial breach of duties by Customer relating to the Equipment or its use.

**Cancellation by Customer.** Except as provided below with respect to Customers in Hawaii, Maryland, Massachusetts, New York, and Oregon, cancellation and refunds will be determined at the discretion of Trane. Cancellation fees may apply.

**The following provision applies only to Extended Limited Warranties sold to Customer in Hawaii, Maryland, Massachusetts, New York, and Oregon:**

**Cancellation by Customer; Refund.** If Customer cancels the Extended Limited Warranty within (a) thirty (30) days of the date this document was made available to Customer, or (b) twenty (20) days of the date this document was delivered to Customer, if it was delivered at the time of sale, and if no claim has been made under the Extended Limited Warranty, the Extended Limited Warranty will be void and Trane will refund to Customer, or credit Customer's account, the full purchase price of the Extended Limited Warranty that is cancelled. A ten percent (10%) penalty per month will be added to a refund that is not paid or credited within forty-five (45) days after return of the Extended Limited Warranty to Trane. Customer's right to cancel this Extended Limited Warranty only applies to the original owner of the Extended Limited Warranty and only if no claim has been made under the Extended Limited Warranty prior to its return to Trane. Customer will not be entitled to any refunds beyond the dates identified in this paragraph.



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](http://trane.com) or [tranetechnologies.com](http://tranetechnologies.com).

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

© 2021 Trane. All Rights Reserved.

SRV-PRC009G-EN  
07/22/2021