



# MANUFACTURER'S WARRANTY

X4 7300R and X4 7500R

Diesel Nosemount Rail Refrigeration Units

Carrier Transicold Division  
Carrier Corporation  
700 Olympic Drive  
Athens, GA 30601

**WARRANTY PERIOD** The warranty period is given in the warranty coverage matrix below. The warranty period for the equipment shall begin from the date in service or six months after the date of shipment from the manufacturer, whichever comes first.

WARRANTY COVERAGE MATRIX <sup>1</sup>		
<b>BASIC UNIT</b>	<b>12 Months, Unlimited Hours</b>	
<b>Major Components</b>	<b>Alternator</b>	<b>24 Months, Unlimited Hours</b>
	<b>Engine Crankshaft Main Oil Seals</b>	<b>36 Months, Unlimited Hours</b>
	<b>APX Display Module</b>	<b>48 Months or 8,000 Hours</b>
	<b>Mechanical Fuel Pump and Manual Plunger</b>	
	<b>Engine</b>	
	<b>Engine Emission Control System</b>	
	<b>Compressor</b>	
	<b>Refrigeration Coils/Radiator</b>	
	<b>Compressor Suction Modulation Valve</b>	
	<b>Electronic Expansion Valve</b>	
	<b>Refrigerant Solenoid Valves (Less Coils)</b>	
	<b>Gear Box</b>	
	<b>Fan Shaft Assembly</b>	
	<b>APX MMM, SVM, and MSM</b>	<b>60 Months or 10,000 Hours</b>
	<b>Fan Clutch</b>	

<sup>1</sup>In the event of any conflict between the warranty coverage indicated on the unit Serial Plate and this document, this document shall prevail. Coverage includes Parts & Labor for listed months or hours, whichever comes first.

### BASIC UNIT WARRANTY (PARTS AND LABOR)

Within the warranty period stated above, Carrier Transicold Division, Carrier Corporation ("Carrier Transicold"), through authorized Dealers shall, during normal working hours, repair or replace with new or remanufactured parts, any parts or components of the product identified above which, UNDER NORMAL USE AND SERVICE, malfunction as a result of defects in material or workmanship. This warranty includes transportation costs to and from the Dealer's facility and setup time when it is not physically possible to bring the unit to the Dealer's facility for completion of repair. Coverage excludes technician time while waiting for equipment to be ready for repair at the site.

This warranty excludes items replaced in the performance of normal scheduled maintenance. Scheduled maintenance items include, but are not necessarily limited to the following: engine oil, engine coolant, grease and lubricants, fuel, filters and filter elements and cleaning materials. Batteries and replacement labor are excluded from this coverage (batteries are warranted by the battery manufacturer).

In the event warranty repairs are performed outside of the United States of America, Carrier Transicold is not responsible for any duties, taxes, or associated charges as may be applicable in accordance with the regulations of the country where such warranty repair is performed.

This warranty does not apply to any equipment which, in Carrier Transicold's sole judgment, has been subjected to misuse, negligence in handling or accident, operated contrary to manufacturer's printed instructions, or has been so repaired or altered as to adversely affect its operational integrity. This warranty extends only to the original owner of the equipment.

The engine emission control system warranty, to the extent applicable, is detailed in the "Carrier Transicold Federal And California Emission Control Systems Limited Warranty Non-Road Engines (CI)".

### MAJOR COMPONENTS (PARTS AND LABOR)

The warranty, including parts and labor, is extended to the period given in the matrix for:

- **Alternator**
- **Display Module:** Module excluding external wiring
- **Mechanical Fuel Pump and Manual Plunger:** Engine mounted fuel pump and the integral manual plunger
- **Engine:** All internal diesel engine parts and head gasket. Excluded engine parts are seals (except as noted above), gaskets, water pump, starter motor, coolant thermostat, intake air heater and filters.
- **Emissions Control System:** See 62-11711 for components that fall into this category.
- **Compressor:** All internal compressor parts including main compressor shaft seal. Excluded compressor accessories are unloader valves, unloader valve coils, pressure relief valves, safety valves and switches and all fittings.
- **Refrigeration Coils/Radiator**
- **Refrigerant Control Valves:** Compressor suction modulation valve, electronic expansion valve and refrigerant solenoid valves (excluding coils)
- **Gear Box:** Including seals
- **Fan Shaft Assembly:** Including seals
- **APX MMM, SVM, and MSM:** Module excluding external wiring
- **Fan Clutch**

**THE FOREGOING WARRANTIES ARE EXPRESSLY GIVEN IN LIEU OF ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WHICH ARE HEREBY DISCLAIMED.**

### LIMITATION OF LIABILITY

**CARRIER TRANSICOLD AND ITS AFFILIATES SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR PUNITIVE DAMAGES. THE OWNER'S SOLE AND EXCLUSIVE REMEDY, AND CARRIER TRANSICOLD'S AND ITS AFFILIATES SOLE AND EXCLUSIVE LIABILITY, WHETHER FOUNDED IN STATUTE, CONTRACT, TORT (INCLUDING STRICT LIABILITY AND NEGLIGENCE) OR ANY OTHER THEORY OF LIABILITY, SHALL BE LIMITED TO THE REPAIR OR REPLACEMENT OF PARTS OR COMPONENTS IDENTIFIED ABOVE, SUBJECT TO THE LIMITATIONS STATED HEREIN.**

### THIS WARRANTY IS VOID UNLESS

- Installation of unit is in accordance with Carrier Transicold installation drawings
- Date in service is recorded on unit serial plate
- Unit must be registered with Carrier Transicold (except as otherwise prohibited by law)