



**50X**

United Technologies

**Extraordinary performance,  
exceptional reliability,  
excellent value.**



# PERFORMANCE SPECIFICATIONS

## 50X



### Condenser

Dimensions:  
53.8" x 20.2" x 19.6"  
(1,367 x 514 x 498 mm)



### Evaporator

Dimensions:  
61.3" x 24.2" x 7.6"  
(1,556 x 614 x 194 mm)

### CAB COMMAND™2

Dimensions:  
3.4" x 2.4" x 1.1"  
(85 x 60 x 28 mm)



Cooling/Temperature Capacity:

Ambient at 100°F (38°C)

Compressor Speed: 2,400 rpm @ 60Hertz

Evaporator Return Air Temp.	Road BTU/hr (Watts)	Standby BTU/hr (Watts)
35°F ( 2°C)	17,000 (4,985)	13,000 (3,810)
0°F (-18°C)	9,000 (2,640)	6,100 (1,790)
-20°F (-29°C)	5,000 (1,465)	3,000 ( 880)

### Standard Features Include:

- Durable DuraShell™ composite skin
- Extra-flat SlimLINE™ evaporator
- 9.8 CID (161 cc) six-cylinder swash plate compressor
- Refrigerant-R-404A
- Brushless evaporator fan motors
- Hot gas defrost
- Hot gas heating
- Condenser valve enhanced heating circuit
- Refrigerant injector
- Integrated oil separator
- Low refrigerant pressure protection
- High refrigerant pressure protection
- Microprocessor control system
  - Cab Command™ 2 (in cab) control center
  - Red light visual warning (in cab)
  - Main On/Off system power keys
  - Timed defrost interval
  - Manual defrost key
  - Diagnostic safety indicators
  - Adjustable minimum and maximum setpoint configurations
- Digital readout
  - Adjustable display brightness
  - Operation hourmeters
  - Current and stored alarms
- Automatic defrost control
  - Programmable defrost timer
  - Automatic defrost termination
  - Manual defrost override
- Installation package
  - SureTight™ refrigerant hoses
  - SureTight™ hose clamps

### Accessories and Options:

- 208/230v-3ph-60Hz electric standby
- 208/230v-1ph-60Hz electric standby
- Poly-V groove clutch
- Variable groove clutch
- Double A groove clutch
- Rear port adapter
- 6.8 CID (111 cc) compressor (electric standby models only)

### Approximate Weights:

- Condenser Weights:
  - 191 lb (87 kg) engine operation only
  - 337 lb (153 kg) with electric standby
- Evaporator Weight:
  - 92 lb (42 kg)

Specifications are subject to change without notice.

Warranty: Product warranty and limitations are outlined in Form 62-11019.

This warranty applicable only in North America. Consult your Carrier Transcold representative for warranty coverage elsewhere. Form 62-11049 Rev D.

**North America**  
Carrier Transcold  
700 Olympic Drive  
Athens, GA 30601 USA

**Central America and Mexico**  
Carrier Transcold  
Ejercito Nacional 253-A Piso 5  
Colonia Anahuac  
11320 Mexico D.F.

