



**GREATER CAPACITY, RELIABLE OPERATION  
AND REFINED ENGINELESS PERFORMANCE.**

# 50 XR



### Condenser Dimensions

54.2" x 21.1" x 20.2"  
(1,376 x 536 x 512 mm)



### Evaporator Dimensions (MXL 1150)

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)



### Evaporator Airflow

1,300 cfm (2,192 m³/hr)

### Cooling Capacity

Evaporator Return Air Temp.	Road Operation		Standby Operation	
	BTU/hr	Watts	BTU/hr	Watts
35°F ( 2°C)	17,000	4,980	13,200	3,870
0°F (-18°C)	8,700	2,550	6,500	1,910
-20°F (-29°C)	5,000	1,470	3,700	1,080

Ambient at 100°F (38°C)

Compressor Speed: 2,400 rpm @ 60Hz electric standby operation

## PERFORMANCE SPECIFICATIONS

**The Power You Need.** The 50XR is our most powerful direct-drive unit, providing refrigeration for box trucks of up to 20 feet in length.

**Refined Inside and Out.** Nose-mounted condenser has a modern aesthetic and now features a microchannel coil and improved fan for better airflow and overall efficiency.

**Saving Weight by Design.** Inherently lighter without an engine and even trimmer than earlier models, 50XR units require 20% less refrigerant, further contributing to weight savings while also reducing global warming potential thanks to use of the next-generation R-452A.

**Expert Service and Support.** With 180 dealer locations across North America and 24/7 service access, help is never out of reach.

### Standard Features Include:

- Extra-flat SlimLINE™ evaporator
- 9.8 CID (161 cc) six-cylinder swash plate compressor
- Refrigerant — R-452A
- Long Life evaporator fan motors
- Hot gas defrost
- Hot gas heating
- Condenser valve enhanced heating circuit
- Refrigerant injector
- Brushless condenser fan motors
- High-efficiency microchannel condenser
- 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

### Approximate Weights:

- Condenser Weights:
  - 187 lb (85 kg) road operation only
  - 307 lb (140 kg) with electric standby
- Evaporator Weight:
  - 77 lb (35 kg)

Specifications are subject to change without notice.

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

This warranty is applicable only in North America. Consult your Carrier Transcold representative for warranty coverage elsewhere. Form: 62-12204.

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