



X² Series



*The proven reliability of the X Series platform.
The new breed of performance and style.*



Just what you'd expect from Carrier.
A system that exceeds expectations.



You can't get too much of a good thing. And you can't rest on your laurels.

That was the challenge. How do you push the industry standard to a higher level? And still deliver performance you can depend on. Knowing, ultimately, that's why your customers depend on you.

So how do you push the industry standard to a higher level? You start with the respected X Series™ platform. And build on it.

You build around the industry's leading engine, compressor, and controller. You fabricate using the latest, most rugged materials available. You design with an eye to an image-conscious world.

Presenting the new X2 Series trailer refrigeration system. Designed and built on the respected X Series performance platform.



The original X Series provides:

- Superior durability and reliability.
- Lower lifecycle cost.
- Proven product protection and quality.
- Driver/technician-preferred design.



The new X2 Series provides:

- All the advances of the original X Series. With more features and advantages.
- Improved aesthetics.
 - Superior serviceability.
 - Enhanced sound quality.

Improved aesthetics.

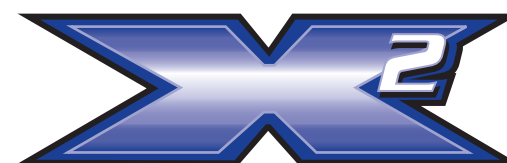
- Modern aerodynamic design.
- Durable thermoformed advanced composite materials.
- Stainless and chrome package option.
- Composite bottom panel option.

Superior serviceability.

- Full-length side doors hinged at trailer for easy access.
- Single-latch door design provides quick service access.
- Easy-access grille.
- Visual verification of coolant and refrigerant levels.

Enhanced sound quality.

- Aero-acoustic grille.
- Integrated door seals.
- Recessed acoustic foam.
- Tuned engine intake system.
- V-Force™ vortex suppression fan.



Unit shown is equipped with the stainless and chrome option.

The next generation in technology.

X2 Series combines bold styling with durability. It makes advanced protection easier than ever to operate and maintain.

Our design team analyzed every specification, every component, every material, every operating feature. They considered business trends in long-distance hauling and local distribution. And they factored in critical issues including environmental compliance and driver/technician access convenience. You can see their attention in every detail.

Superior service access. Sophisticated control. Operating convenience and simplicity. Bold, dramatic styling. Premium protection. Impervious, colorfast thermoplastic materials. Sleek aerodynamics. And significantly quieter operation. It has so much going for you.



Aero-acoustic grille.

- Improved sound quality
- Less air resistance
- Easy access
- Chrome package option

Full-length side doors.

- Hinged at trailer
- Easy access from service platform
- Visual verification of coolant and refrigerant levels

Composite bottom panel option.

- Enhanced sound quality
- Slide-in tabs for easy removal
- Improved aesthetics

Advanced TPO composite material provides:

- Superior structural integrity
- 200% higher impact strength
- 50% better thermal stability
- 20% higher temperature resistance
- Fused seams
- 100% better UV resistance
- Impregnated color
- Proven reliability on auto and tractor bumpers



A new dimension in performance.

X2 Controller Options.



Advance micro control.

- Multi-lingual MessageCenter™ display for ease of use.
- Exclusive DataLink™ built-in data recorder.
- Advanced pretrip.
- IntelliSet™ with ProductShield™ option provides 31 preprogrammed settings.
- Pinpoint diagnostics to speed troubleshooting.
- Available on X2 models 2100A, 2100R, 2500A, and 2500R.



Standard micro control.

- Single-switch operation.
- Ease of use.
- Built-in pretrip capability.
- Basic diagnostics.
- DataLink™ data recorder option.
- Available on X2 models 1800 and 2100.

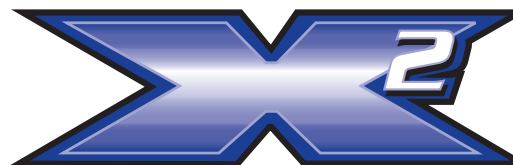
Push-to-close latch.

- Two-stage locking mechanism for added security
- Single release for service access
- Self-aligning latch-pin design
- Ergonomic latch handle design

Easy-access control box.

- Standardized for Standard and Advance controls for easy access
- Display tilted downward for easy viewing

Take the skins off,
take the gloves off.



Designed and built on the proven X Series performance platform, the next generation X2 Series provides all the advantages of the original X Series. With dramatically redesigned styling and exclusive new features for enhanced performance and durability.

Superior durability and reliability.

- Proven engine, compressor, micro controller with 20+ year track record in trailer refrigeration.
- 18% fewer parts.
- 23% lower operating RPMs.
- DuraShell 2™ composite doors.

Lower lifecycle cost.

- ESI™ extended service interval package.
- Lower fuel consumption.
- Reduced maintenance costs.
- Advanced diagnostics to speed troubleshooting.
- Pressurized coolant system.

Proven product protection and quality.

- Faster pulldown.
- Tighter temperature control.
- Superior air distribution.
- UltraFresh™ temperature control, standard.
- Electronic speed control for precise temperature control.



V-Force™ vortex suppression fan for quieter and more efficient operation.

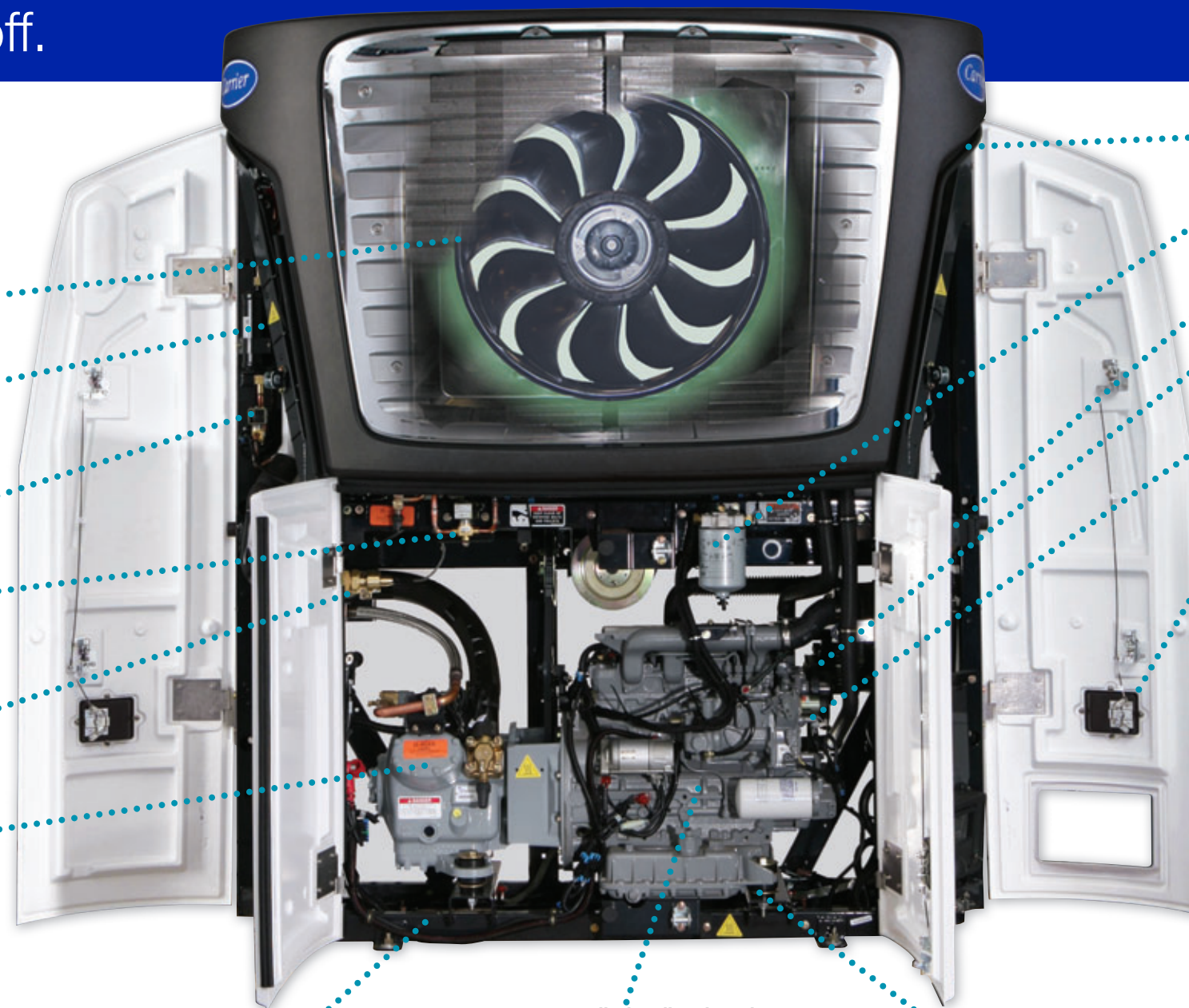
6 pounds less refrigerant charge for reduced maintenance costs.

Dual sightglasses for fast, accurate check of refrigerant charge.

Extended fittings on valves for ease of service.

Electronic stepper valve for superior temperature control, fuel efficiency, and reliability.

05G 6-cylinder compressor for higher capacity and faster pulldown.



Powder paint for superior corrosion resistance.

4-cylinder diesel engine with 20+ year track record of proven performance.

Wide footprint undrive for superior vibration isolation.

Pressurized coolant system.

Up-front placement of all serviceable components.

Low-decibel air cleaner.

Heavy-duty 70-amp alternator, standard.

Electronic speed control eliminates speed solenoid and linkage rod.

Single door latch for quick access.

Driver/technician-preferred design.

- Faster trailer loading.
- Easy-to-operate microprocessor control.
- Enhanced sound quality.
- Superior service access.



X² Series Product Line-Up

Condenser Dimensions

76.4" x 85.7" x 22.8"
(1,940 x 2,177 x 579 mm)

Evaporator Dimensions (Host Unit)

66.3" x 45.2" x 8.2"
(1,684 x 1,149 x 208 mm)

Body Opening

66.8" x 46.0"
(1,696 x 1,168 mm)

1800

Evaporator Return Air Temperature	Btu/hr	Watts
2°C (35°F)	51,000	14,947
-18°C (0°F)	32,000	9,378
-29°C (-20°F)	18,500	5,422

2100

Evaporator Return Air Temperature	Btu/hr	Watts
2°C (35°F)	64,000	18,757
-18°C (0°F)	33,000	9,672
-29°C (-20°F)	21,000	6,155

2100A/2100R

Evaporator Return Air Temperature	Btu/hr	Watts
2°C (35°F)	64,000	18,757
-18°C (0°F)	33,000	9,672
-29°C (-20°F)	21,000	6,155

2500A/2500R

Evaporator Return Air Temperature	Btu/hr	Watts
2°C (35°F)	66,000	19,343
-18°C (0°F)	37,000	10,844
-29°C (-20°F)	25,000	7,327

Specifications are subject to change without notice.

Electronic Controls

Trailer Unit	Controller
1800	Standard
2100	Standard
2100A/2100R	Advance
2500A/2500R	Advance

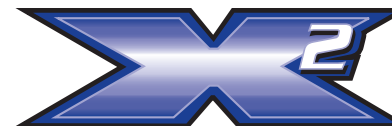
**X Series offered something for everybody.
X2 Series offers something more.**

A proven platform, advanced performance, dramatic styling, low-cost operation. These are the features everybody wants in a trailer/rail refrigeration system. Everybody will find everything they want in X2 Series. X2 Series presents six models specially designed to meet the individual needs of every customer and trailer application, road and rail. Most of all, yours.



Series Models:

1800, 2100, 2100A, 2100R, 2500A, 2500R



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