



SOLARA



Engineered for maximum heating capacity in extremely cold climates

PERFORMANCE SPECIFICATIONS

SOLARA



The **Solara™** heating unit is engineered for transporting temperature sensitive products in the coldest of conditions. Designed for trailer and rail applications, the Solara heating unit protects cargo transported in extreme low ambient climates by maintaining temperatures above a specified minimum setpoint.

Maximum performance

50,000 BTU/hr (14,660 W) of heating capacity and 3,500 CFM (5,950m³/hr) of airflow allow for premium cargo protection in today's longer, thin-walled trailers, even with multiple door openings.

APX™ Control System

The modular APX system combines remarkable control intelligence, temperature control and system reliability with amazingly simple operation.

Low cost maintenance and service accessibility through strategic up-front placement of serviceable components and a convenient swing-open, lift-off front door.

Heater System Dimensions

42" x 33.3" x 18.6"
(1,067 x 845 x 459 mm)

Body Opening

37" x 27.9"
(940 x 708 mm)

Approximate Weight

450 lb (200kg)
Battery: 50 lb (23kg)
Remote 50-gallon aluminum fuel tank with mounting brackets: 65 lb (29 kg)

Heating Capacity

Ambient at 0°F (-18°C)
50,000 BTU/hr (14,660 Watts)

Airflow

Applied System Performance
3,500 cfm (5,950 m³/hr)

Standard Features Include:

Tier 4 Final Z482 diesel engine
2 cylinder 0.48 liter indirect-injection
9.7 HP (7.2kW) at 2,600 RPM speed
5.8 qt. (5.4 liter) oil capacity
High power 70 amp alternator
Ultra-thin evaporator
Service interval package
Synthetic media oil filter
Water-separating heated fuel filter
Heavy duty, low noise dry air cleaner
Extended-life coolant
Automatic start/stop fuel saver
APX™ Control System
IntelliSet™
DataLink™ data recorder
Information dashboard
Multilingual graphical display
Pretrip and Virtual Tech diagnostics
Integrated USB port
Single latch release door
Installation package
Screw post battery terminals
Remote aluminum fuel tank
50 gal. single fill – 22"
Full bottom panel

Accessories and Options:

DataTrak™ remote communications
APX flush mount remote control panel
APX surface mount remote control panel
Remote light bar
Open trailer door indicator and shutdown switches
Remote temperature probe
Fuel tank level and shutdown sensor
Exhaust cap
Flush mount extension kit with access panels
Remote aluminum fuel tanks:
30 gal. or 75 gal. single fill – 22"
100 gal. single or double fill – 22"
120 gal. single or double fill – 22"
Anti-siphon fuel cap single or double fill

APX™
CONTROL SYSTEM

Specifications are subject to change without notice.

Warranty: Product warranty and limitations are outlined in Form 62-02481.

This warranty applicable only in North America. Consult your Carrier Transcold representative for warranty coverage elsewhere. Form 62-11876.

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