

Clear View II FWH HD Wiper Parking Area Defrosters



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Now in HD!

High density elements for better heating

Defrost the windshield low in the wiper parking area

Keep wipers moving, cut snow build up

In tough winter conditions snow and ice can build up along the bottom of the windshield interfering with visibility and wiper function.

Clear View II front wiper area defrosters provide enhanced heating along bottom of the windshield to prevent ice build up and wiper freezing even in the most challenging winter conditions.

Put the heat low on the windshield

Hot air defrosters clear the area about midway up the windshield in the drivers line of sight. Clear View defrosters safely warm the bottom of the windshield enhancing defroster performance.

Wiper push area defrosters

Clear View Side Wiper Defrosters mount vertically along the edge of the windshield edges defrosting the wiper push area.

Defroster controls with smarts

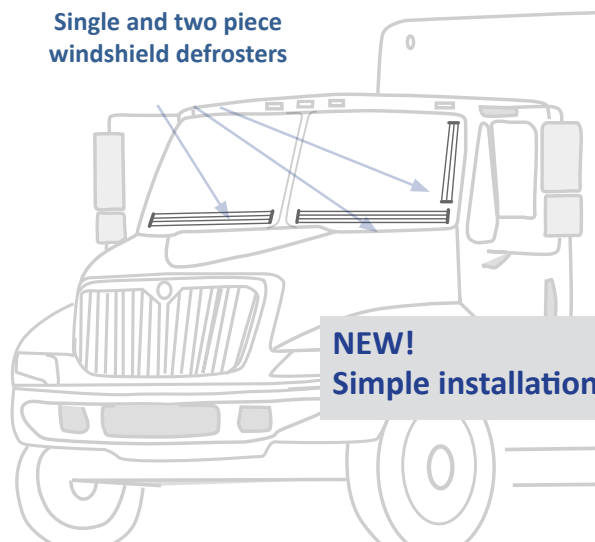
New ThermaSync controls include operation of multiple defrosters with a single switch plus a range of automatic timing options from ten minutes to continuous operation.



Wiper Parking Area Defrosters

Clears snow and ice in the coldest winter conditions.

Single and two piece
windshield defrosters



Available for one piece and split windshields plus edge defrosting

**The
PipeKnife[®]
Company**

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Frost Fighter® Clear View II FWH HD Defrosters made easy

Now in HD!

High density elements for better heating

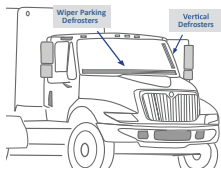
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Defrosters for the front wiper parking area



Clear View wiper area heaters defrost the area low on the front windshield.

Clear View II Front Wiper Parking Area Defrosters provide enhanced defroster performance along the bottom of the windshield in the wiper parking area. Cost effective



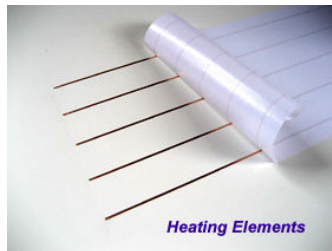
and easy to install, these new defrosters bond directly to the window to match the heating performance of factory installed defrosters, melting snow and ice in minutes.

How they work

Defrosting is accomplished through contact between the Clear View elements and the window. The defroster is connected electrically through the buss bar tabs and activated with the automatic ThermaSync defroster control and switch.

Application

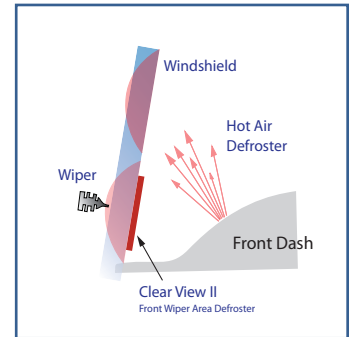
The heating elements come on pre-spaced rolls which are trimmed for a custom fit. The self adhesive heating elements bond directly to the glass and connect to the defrosters side buss bars. A cover is then applied to the buss bars for a finished factory appearance.



Roll on the defroster elements.

Keep Wipers Moving

The hot air defroster clears the area directly in the drivers line of sight about mid way up the windshield. Front Wiper Defrosters heat the zone along the bottom of the windshield in the wiper parking area.



Connections

The side buss bars include integral tabs are positioned for easy connection to ThermaSync® defroster controls or directly to existing defroster wiring.

Complete Defrosters

Clear View defrosters include a color coded wire harness, ThermaSync control and switch plus everything needed to install the defroster including illustrated instructions.



Finished Appearance

A cover is applied to the buss bars or a finished factory appearance. Heating elements match the brownish color of factory defrosters and adhere directly to the glass for improved visibility and safe

winter driving. No backing is left on the window to fade, crack or yellow over time.

More Performance

Clear View II defrosters feature more aggressive bonding technology for a new level of durability and heating performance on the coldest winter days.

New Defroster Options

New ThermaSync defroster controls provide many new options including adjustable timing and one switch control of many defrosters. Clear View defrosters are available in 12 and 24 volt.



Inferred image of front wiper defroster

ThermaSync®

Defroster controls with smarts

More options, less hassle

New ThermaSync® defroster controls are the perfect companion to Clear View II and other defrosters.

They feature an easy to mount defroster switch with indicator light, adjustable automatic shut off timing, power modulation and can be used with the SwitchBoss to control multiple defrosters with a single switch.

With the addition of a Switch Boss, ThermaSync controls can activate several defrosters at once through a single switch making the system ideal for multiple defroster installations like cabs.



ThermaSync Defroster Control and Switch

Power Modulation

ThermaSync Controls can modulate power to the defroster from 3% up to 100%. This feature allows for hundreds of new Clear View II defroster sizes to fit almost any window.

New Voltages

The Clear View II defrosters and ThermaSync controls are available in 12 and 24 volts. Nobody else does that!

ThermaSync Control Operation

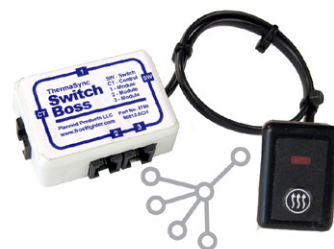
Pressing the defrost symbol on the remote switch turns the defroster on. The defroster stays on until the switch is pressed again or the control times out.

The timer can be set to time out from 10 to 160 minutes or can be left on indefinitely depending on the internal jumper settings.

Each control comes with full instructions.

One Switch, Multiple Defrosters

A single switch can activate several defrosters using Switch Boss. This network control is good for cabs and other applications that require several defrosters to be activated from a single switch.



ThermaSync Switch Boss activates several defrosters from a single switch.

Mounting

The ThermaSync control can be secured out of sight under the dash while the defroster switch can be mounted in dash or with the under dash mount.

Installation Options

Clear View II Defrosters and ThermaSync Controls are available independently or with a full installation kit which includes the wire harness, fuse, switch mounting plate, power tap, wire ties, surface cleaner/adhesion promoter.



Complete defroster kit.
Representative photo only. Actual parts may differ.

See the Clear View Master Catalog which shows all the defroster sizes available.



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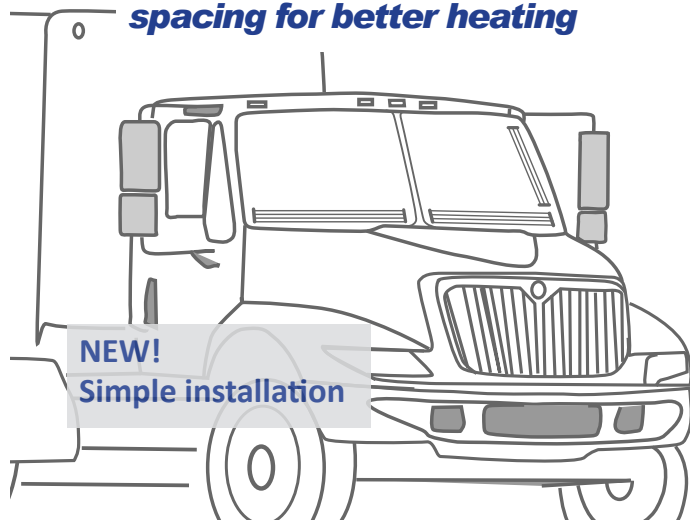
Frost Fighter[®] Clear View II FWH

Now in HD!

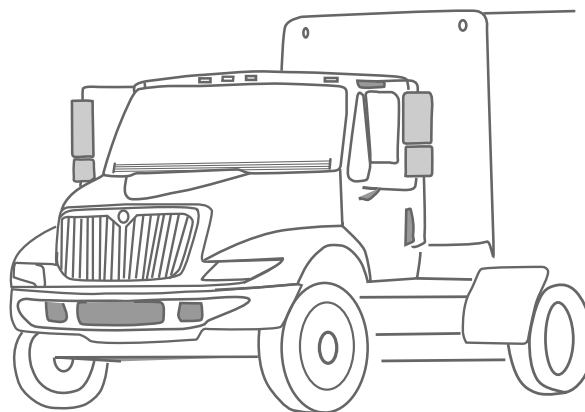
Full and Split Windshield Options

www.frostfighter.com

NEW! High density element spacing for better heating



Defrost the windshield low in the wiper parking area



Now available for split windshields and vertical edge defrosting

Front Wiper Parking Area Defrosters are now available for full and split glass windshields. Edge defrosting in the wiper push area is now also available.

Split glass windshields

Heating the area low on the windshield is no longer limited to vehicles with one piece front glass. The new ThermoSync Switch Boss allows two or more defrosters to be operated from a single switch ideal installing the two defrosters needed to heat the wiper parking area on two piece windshields.

Edge defrosting

In tough winter conditions wipers can push snow into areas at the sides of the windshield. This snow build up can limit wiper movement and interfere with visibility. New Clear View II Side Defrosters put the heat along the edges of the windshield enhancing melting of snow and ice in this critical area.

Delivered ready to install

All front defrosters are complete with ThermoSync control, defroster switch and installation pack including wiring harness and other installation accessories.

Wiper Parking Area Defrosters

Clears snow and ice in the coldest winter conditions.

Defroster Options

Clear View defroster can easily be customized if used with ThermoSync defroster controls.

Several defrosters can be activated with a single switch with the Switch Boss. Standard automatic timer shut off is twenty minutes. Other time out options include 20, 40, 80, 160, or manual.



Contact The PipeKnife Company for more on the surprisingly affordable Clear View defrosters.

The PipeKnife[®] Company

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New!

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Now in HD!

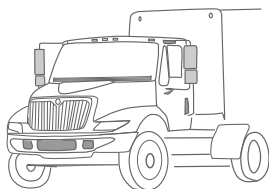


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Single Piece Front Windshields

Defroster height - 5 inches (13 cm), 6 elements

Front wiper parking area defroster for single piece windshields. This defroster has six heating elements with new high density spacing for improved heating performance. The defroster measures five inches (12.7) in height. Minimum length is 48 inches, maximum 71 inches.



Electrical connection tabs are both on the same side. 12 Volts. ThermaSync control, switch, wire harness and installation pack included.

Part Number - 1206-4871-L-FWH-HD

Two Piece Front Windshields

Defroster height - 5 inches (12.7), 6 elements

Front wiper parking area defroster for two piece windshields. This defroster has six heating elements with new high density spacing for improved heating performance. The defroster measures five inches (12.7) in height. Minimum length is 24 inches, maximum 40 inches. Tabs are both on the same side. 12 Volts. NEW simple installation.



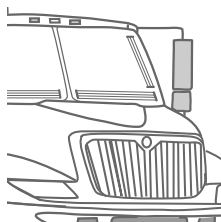
Included are two defrosters - one for each window - plus the ThermaSync controls, switch, wire harness and installation pack included for each window

Part Number - 1206-2440-LS-FWH-HD

Vertical Side Windshield Defrosting

This defroster is installed vertically in the wiper push area along the edges of the windshield. Compatible with single and two piece windshields.

This defroster has four grid lines and measures 3.5 inches (8.9) in width when installed vertically. Minimum length is 20 inches, maximum 27. Connection tabs are both on the same side. 12 Volts. ThermaSync control, switch, wire harness and installation pack included.



This unit can be networked with other Clear View wiper defrosters for single switch operation using the Switch Boss.

Part Number - 1204-2027-L-SWH-HD

Ordering

Available at our online store or by contacting us directly, Clear View II Electric Defrosters make it easy to install high quality defrosters.

Timer Options

Standard automatic off timing for is set to 20 minutes with 10, 20, 40, 80, 160 and manual settings possible.

What is included

Clear View defrosters include everything needed to install a complete defroster.

Defrosters

Complete with heating elements, side buss bars, covers and connection tabs.

ThermaSync Defroster Controls

Each defroster requires a separate control set to the required modulation. All controls are configured at the factory prior to shipment.

Switch Boss

The ThermaSync Switch Boss is required to operate two defrosters from a single switch.



Wire Harness

A complete wire harness is included with color coded connectors for easy assembly.

Installation Pack

Includes the fuse and holder, power taps, wire ties, under dash switch mount, extra connectors and adhesion promoter glass cleaner.

Instructions

Clear View instructions are fully illustrated instructions for defroster installation and wiring.

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