

**NEW!**

# Frost Fighter<sup>®</sup> ThermaSync<sup>®</sup> Defroster Controls

2812 / 2824



## 12 / 24 Volt Defroster Controls

### Defroster controls with smarts

New ThermaSync<sup>®</sup> Defroster Controls are the perfect companion to Clear View II and other defrosters.

All four models feature a remote defroster switch with red indicator light and automatic shut off timing.

The 2712 and 2724 controls provide simple automatic ten minute timing. The 2812 and 2824 defroster controls feature adjustable automatic shut off timing, power modulation and can be connected in a network to control multiple defrosters with a single switch.

### 2812 - 2824 ThermaSync Controls

ThermaSync controls are an ideal for vehicles which lack defroster circuitry or as a replacement to existing controls.

ThermaSync can run a wide variety of other heating devices including heated mirrors.

#### Adjustable Automatic Shutoff

ThermaSync controls automatically shut off in the standard ten minutes. 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 control can be set to time out at intervals from 10 to 160 minutes or can be left on indefinitely depending on the internal jumper settings.

#### 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. Controls are configured at the factory to deliver full power. Do not change power modulation without calling the factory for technical assistance.

See the following page for more on power modulation.

#### Voltage Options

ThermaSync defroster controls and Clear View II defrosters are available in 12 and 24 volt.

#### SwitchBoss Network

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

#### Mounting Options

The ThermaSync control can be secured out of sight under the dash while the defroster switch can be mounted remotely in dash. The installation pack includes an under dash switch mounting plate.

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*ThermaSync Timing Defroster Control and Switch*

### 2812 - 2824 Technical Data

Voltage .....	12 or 24 Volt
Current Rating .....	20 Amps
Power Modulation .....	3, 6, 12, 25, 50, 100 %
Connectors .....	Provided with control
Connections .....	Power, Ground, Defroster
On Timer .....	10 Minutes standard
Timer Adjust. (min) .....	10, 20, 40, 80, 160, Manual
Switch Light .....	Red LED
Switch Flat Cable .....	34 inches long
Symbol.....	Defroster
Housing .....	ABS plastic
Activation .....	One Touch
Multi-Control.....	Yes with SwitchBoss
Off during cycle? .....	Yes
Switch Size .....	1.5 in. x 1 in. x 1/4 deep
Control Size .....	2.20 in x 1.35 in x 1.05 in
Color .....	Black



#### Planned Products LLC

4699 Nautilus Court S.  
Suite 201  
Boulder, CO 80301

Tel: (303) 682-0274  
Fax: (303) 682-0678  
email: [info1@frostfighter.com](mailto:info1@frostfighter.com)  
Web: [www.frostfighter.com](http://www.frostfighter.com)

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2812 / 2824



## 12 / 24 Volt Controls

### More Options, Less Hassle

New ThermaSync<sup>®</sup> defroster controls are easy to wire, configure and operate.

#### Connectors

The back of the control has three connectors. These are positive, ground and defroster each a different size to discourage cross wiring. Connectors are supplied with every control.

The optional 2728 Installation Pack includes a labeled and color coded wire harness with fast-on connectors.

#### Defroster Switch

The defroster switch features an easy push button, standard defroster symbol and red indicator light. The ThermaSync control connects to the switch with 34 inch (91) flat cable. The switch can be positioned in the dash while the control can be tucked neatly away under dash.



Color coded connectors

#### Installation Pack

The 2728 Installation Pack makes it easy to get install ThermaSync defroster controls. The wire harness includes color coded connectors, fuse and fuse holder, power tap, under dash switch mounting bracket, mounting screws and wire ties for a perfect installation.

#### Instructions

All defroster controls come with fully illustrated step-by-step instructions.

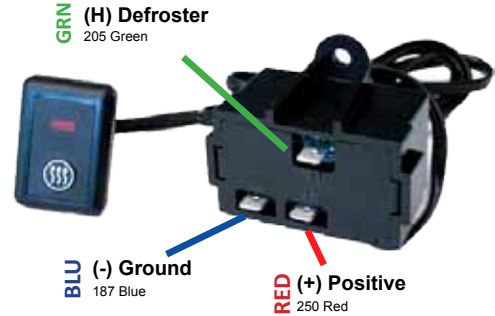
#### Clear View II Defrosters

Now available in hundreds of sizes in 12 and 24 volt Clear View II defrosters reliably melt snow and ice in minutes.

Each defroster has a specific power modulation requirement which must be matched by the ThermaSync control. Only 2812 and 2824 controls feature power modulation.

### ThermaSync Defroster Controls

2712	Control and switch	12 Volt RELAY	\$33.95
2812	Control and switch	12 Volt MOSFET	\$39.95
2724	Control and switch	24 Volt RELAY	\$43.95
2824	Control and switch	24 Volt MOSFET	\$49.95
2728	Installation Pack	12/24	\$28.95



ThermaSync Defroster Control



ThermaSync Installation Pack



Many defrosters, one switch  
SwitchBoss Network control



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Suite 201  
Boulder, CO 80301

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Fax: (303) 682-0678  
email: info1@frostfighter.com  
Web: www.frostfighter.com