

ALPINE Ice Melt System

Operation & Maintenance Instructions

OPERATION:

The ALPINE Ice Melt System is designed for simple operation. Using Heat Panels and Self Regulating Heat Cable, it works by preventing snowmelt water from freezing into ice dams on roofs, and prevents water from freezing in gutters, downspouts, and drains.

The system is not designed to melt ice that has already accumulated. Therefore, the system must be turned on at the power source prior to freezing temperatures and precipitation. The system must be left on at all times when snow is present on the roof, and the temperature is below 32 degrees F. Operating the system in this manner will use the least amount of energy and assure maximum effectiveness.

In general, the system should be turned on at the beginning of the winter season, and turned off at the end of the winter season.

When the system is on during freezing weather, and snow present on the roof, the heat cable will feel warm to the touch, the heat panels will be free from snow and ice, and you will see or hear water flowing through gutters and downspouts.

Note: With a thermostat controller, you can leave the power supply on all year long.

AUTOMATC CONTROLS:

To assure that the system is on when needed, and off when not needed, we strongly recommend the use of a thermostat controller, such as the ALPINE SYSTEMS THERMO MODEL AMC-F5, or ALPINE SYSTEMS SNOW SENSOR MODEL DS-8C.

If you have an ALPINE SYSTEMS THERMO MODEL AMC-F5, the system will operate when the temperature is below 38 degrees F. There are no adjustments or indication lights. Simply turn on the system power at the breaker (or switch if you have one) at the start of the snow season, and turn off at the end of the snow season (we recommend October through April)

If you have an ALPINE SYSTEMS SNOW SENSOR MODEL DS-8C with CDP-2 Display Panel, the system will only operate when the temperature is below 38 degrees F, and snow is falling or is present on the roof. Leave the power source on continuously. The display panel has push buttons for ON, OFF, AUTO with indication lights. Press the button for AUTO mode for normal operation. The display panel activation indication light will blink whenever the heating system is activated. In the unlikely event that the system does not activate when it should (snow on the roof and freezing temperatures), press the ON button to manually force the system on. It will remain on for two hours and then return to auto mode. Please contact ALPINE if you have any questions regarding the DS-8C operation.

WARNING:

The system is not designed to melt ice that has already accumulated. Therefore, the system must be turned on at the power source prior to freezing temperatures and precipitation. Failure to follow these operations may cause damage to the system components and is not covered by warranty.

TROUBLE SHOOTING:

All systems are tested for proper operation during the installation. It is unlikely to fail after installation unless the heat cable is cut or damaged. If the system appears to not be working (visible ice/snow on panels, frozen gutters, downspouts, or drains), first check to be sure the power supply circuit breaker is in the on position, or the circuit

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breaker or GFI receptacle has tripped. Reset if necessary. Then contact ALPINE Ice Solutions, LLC as soon as possible so we can determine what may have caused the problem and correct it if necessary.

MAINTENANCE:

No scheduled maintenance is required for the ALPINE System.

ALPINE Ice Solutions, LLC

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