



# Air Conditioning

There are two types of air conditioning systems on every motorhome. One is the automotive or “dash” A/C and the other is the “roof” A/C.

## DASH A/C

The dash A/C should be like or very similar to the A/C on your car. It has a control for the blower speed, A/C or Maximum and a control for adjusting the temperature from Cool to Warm.

On very warm days, you'll want to start out on High for the blower setting, Maximum for the A/C setting and Cool for the temperature setting. You can adjust these to lower settings once you've cooled down. On very hot days, you may leave these settings on maximum cooling while driving.

This system operates off of the chassis 12v system.

## ROOF A/C

Your motorhome may have one or two roof A/C units, depending on the length. There are two types of roof A/C units. One is a Standard roof A/C that is self contained meaning the air intake and output are both at the A/C unit itself. The other is a Ducted A/C system meaning the air intake and output registers are installed in the roof. Both systems require 110v electricity to operate. This can come from the on-board generator or a 30amp/50amp power source. Make certain the A/C unit(s) is OFF before starting the generator or plugging in to a land based power source. **Starting the generator with the A/C unit(s) in the On position may cause electrical problems and/or generator problems.**

STANDARD A/C - There are two controls on these units. One is the thermostat control to adjust the temperature coming out of the unit. The other is selection control for setting Fan Only and Cooling.

When this control is on Fan Only, the air output will be the same temperature as the air inside the coach. This setting is used only as a means of circulating air. It can also be used if the nights are cool and the days are warm the A/C could freeze up. In this case you would want to run the fan for approximately 30-45 minutes to thaw out and then restart the A/C.

When this control is on Cool, the air output will be cold. Most units have 3 speeds, Low, Medium and High.

DUCTED A/C - Most motorhomes with ducted systems will have only one A/C unit. All you will see inside the coach is the filter grill and the registers on the ceiling.

The controls for the A/C will be located on a wall usually found in the hallway or kitchen area. These controls will look much like the thermostat on your A/C system at home. Make sure the controls are set on Cool and if your system has a power switch, make certain the power is ON. Set the desired temperature level on the thermostat.

The A/C has a 15-30 second delay, therefore if you turn it off for any reason, you will need to wait and let it reset then try to restart it.

**IMPORTANT NOTE: The 30amp/15amp electrical adapter that we supply will NOT run the roof A/C. It is designed only to allow you to operate the on-board converter so the batteries will stay charged. Operating the A/C using this adapter can cause serious damage to the electrical system. You will not be able to run both roof A/C units at the same time on some coaches. Doing so may cause the breaker on the generator to trip due to the load.**