

Education | Barndominium/Residential

Barndo Heating & Cooling Tips



Keep your barndominium comfortable year-round with smart airflow & efficient systems.

Insulation & Sealing

A well-insulated barndo is the foundation for comfort and efficiency.

- Insulate walls/roof (fiberglass + foam).
- Insulate floors, especially for radiant heat.
- Seal air leaks around openings.
- Upgrade windows/doors for efficiency.
- Add weather stripping as needed.
- Seal leaks to stop hot air from entering through windows, doors, and vents.

Ceiling Fans & Airflow

Air circulation is key in wide-open, tall spaces like barndos.

- Install MacroAir HVLS fans for year-round comfort.
- Center fans in large rooms for even airflow.
- Use proper downrods for 12+ ft ceilings.
- Add multiple fans in big or split spaces.
- Pair with HVAC for best performance.
- Maintain yearly for quiet, efficient use.

Heating Systems

Choose the heating system that works best for your climate and budget.

- Choose the right system - Furnaces for power, heat pumps for efficiency, radiant heat for comfort
- Zone heating - Heat areas used most
- Install smart thermostats - automatically adjust temps
- Radiant Heating - Quiet, even heat; high upfront cost.
- MacroAir Ceiling Fans - Run in reverse (clockwise) to push warm air down.

Cooling Systems

Cool your space efficiently, even with high ceilings and large rooms.

- Choose the right system - Central AC for power, mini-spits for zones, or thermally driven coolers for eco-friendliness.
- Zone cooling - Cool rooms used most
- Install smart thermostats - Automate and schedule cooling.
- Natural Ventilate - Open windows at night to let in cool air when temps drop.
- MacroAir Ceiling Fans - Use forward mode (counterclockwise) for cool airflow.

Get a Custom Airflow Plan

Let the airflow experts at MacroAir help you plan the ideal setup for your barndominium. Contact us today to get started: 866.668.3247.