

SUMMER USER GUIDE



These tips will help you maximize the benefit of the passive features and active systems with Electric Pass Lodge.

> Block the Sun

- > Enhanced insulation and triple-pane windows are designed to keep the warm air out, and phase change material above your ceiling captures the heat that does get in.
- > Even with the high performing building envelope, we recommend that you close your window shades when you are out during warm sunny days to help avoid unnecessary solar heat gain.
- > Keep your windows closed during the warmest parts of the day and turn on your ceiling fans for a breeze.



> Let Your Residence Breathe

- > Open your windows in the mornings, evenings, and at night. The mountain air cools your residence, and also recharges the phase change material so it can start again to absorb heat during the warmest parts of the next day.

> Adjust the Incoming Air

- > Additional cooling needs are met through your HRV, which is supplied by outdoor air (when the temperature outside is cool) or pre-conditioned cool air from the building's underground earth tube infrastructure.
- > The air flow and temperature set point for the HRV is controlled by the ConfoSense controller located in the living room or entry area.
- > Please know that this is not a high-speed supply system. It is constantly distributing fresh air at your set temperature and expelling stale air but will not blow large volumes of air and cannot achieve rapid temperature swings. You will notice the biggest impacts when you are using the HRV in conjunction with the fans (to move air), your window coverings (to reduce solar gain), and your operable windows (to provide fresh cool air when the temperature is lower outside).



> Turn Down the Heat

- > The thermostats within the living rooms and bedrooms provide read out for your unit temperature but their primary purpose is to control the baseboard heaters. These do not trigger cool air flow. You'll use these t-stats in the winter, but they should be set low in the summer so your baseboard heaters stay off.
- > The primary bathroom contains a heated floor. In the summer you should reduce the temperature on the bathroom heat mat so you aren't inadvertently adding extra warmth to your residence.
- > If you run your fireplace during the summer days, you should do so without the turning on the heating element.



WINTER USER GUIDE



These tips will help you maximize the benefit of the passive features and active systems with Electric Pass Lodge.

> Soak up the Sun

- > Enhanced insulation and triple-pane windows are designed to keep the warm inside on cold days, and phase change material above your ceiling captures and stores heat to release as the unit air cools.
- > To take advantage of the abundant Colorado sunshine, we recommend that you keep window shades open when you are out during the day to maximize solar heat gain.

> Let it Breathe

- > There is no need to open windows for ventilation. Keep your windows closed; your HRV system will constantly be bringing in fresh air and warming it to room temperature through its heat exchange functionality.



> Turn Up the Heat

- > The thermostats within the living rooms and bedrooms control the baseboard heaters so you can heat each room individually as needed.
- > The primary bathroom contains a heated floor with will add extra warmth to your residence.
- > Your opti-myst fireplace can also provide heat if you turn on the heating element.

