



**Living In Place
Institute™**

Idea Home – Heating, Venting & Air Conditioning Features

Area	Issue	Reason	Supplied By	Installed By
Energy recovery ventilators	Stale interior air	To help create a healthy home environment	Panasonic	Four Seasons Heating
HVAC	Heat Pump for heating and air conditioning	Heat pumps are highly efficient heating and cooling systems.	LG HVAC	Four Seasons Heating
HVAC	3 forced air units	Better control of heating and cooling through the 3 floors of the home to help make it comfortable in all areas throughout the year	LG HVAC	Four Seasons Heating

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Particulate Matter Reduction	MERV 13 air filters	The higher the Minimum Efficiency Reporting Values (MERV) for a filter the better the filtration of particles. The Idea Home will be using MERV filters that are rated at 13 (the highest level is 16).		Four Seasons Heating
HVAC	Steam humidification	Colorado is a semi-arid area and can typically have very low humidity levels inside the home. Steam humidification is the best alternative to adding moisture to the Idea Home.		Four Seasons Heating
HVAC	Sensing Poor Indoor Air Quality	Swidget devices that can sense when particulate and carbon dioxide levels in the home are at a poor level to activate the ERVs	Interior air quality can deteriorate quickly, especially in Colorado where we are prone to forest and wildfires, along with cooking smoke and particles.	Swidget

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HVAC	Sensing High Bathroom Moisture Levels	Bathroom fans that are activated by Swidget humidity sensors	High levels of humidity can allow mold to grow in these areas.	Swidget
HVAC	Whole House Air Quality	Ensuring that the Idea Home minimizes the levels of chemical outgassing	All materials that are being used in the home are selected to have no or very low Volatile Organic Compounds (VOCs) that may outgas into the living spaces.	