



## Air Cooled Chimney Systems

**Vs**

## Insulated Chimney Systems

430 Stainless with a low Corrosion Resistance	Inner Alloy	316 or 304 Stainless with a High Corrosion Resistance
Galvanized Steel	Outerwall Alloy	430 Stainless
Galvanized Steel	Roof Flashing Material	304 Stainless
Two Layers of Air Circulation	Insulation Type	Insulation (Heat Retaining)
15yr Limited	Warranty	Lifetime transfers to next Homeowner (once)
No	Wear and Tear Warranty Covered	Yes with Annual Maintenance
<b>Low:</b> Since these systems will usually have air leaks in them and will cool rapidly due to lack of insulation	<b>Draft</b>	<b>High:</b> Since flue gases will be warmer and new chimney will be airtight. Your furnace can be tuned to a higher efficiency due to the increased draft.
Will cool as they get higher in the system and will condensate inside the pipe and eventually drip out of the chimney connection.	<b>Flue Gases</b>	Will be warmer and lead to less creosote formation.
<b>Furnace:</b> Will see streaks of brown & yellow coming out of the pipe over time	<b>Condensation from flue gasses leaking into home.</b>	<b>Furnace:</b> streaks will be greatly reduced as compared to the air cooled pipe

# Stainless Steel Selectaloy Diagram



## Air Cooled Against Insulation All the Pros and Cons

