

Benefits of Argon Gas in Your Windows

How Argon Gas Windows Work

Double-glazed windows, also known as thermopane or insulated windows, provide superior insulation. But glass alone makes a poor insulator, something is needed in between the panes of glass to insulate the window as best as possible. – that's why that space gets filled with argon gas. The gas is denser than oxygen, so it acts as a barrier between your home and the outside. Together this system forms a dependable seal. And being colorless and odorless, it's the next best thing to air.



Argon Gas is Safe

If the idea of gas in your windows makes you nervous, you'll be happy to know that argon is completely safe. You may remember it from your Chemistry classes as one of the noble gases, a stable gas that doesn't bond with anything else to form a compound.



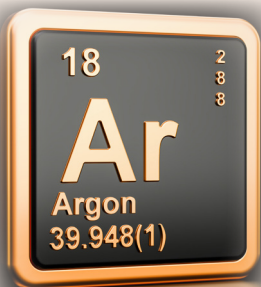
Argon Gas Helps Prevent Condensation

A constant problem, especially in winter is the frost, fog and condensation that may form on your glass surfaces. This can be annoying and it can prove a larger problem if it gets between the glass panes where you can't clear it off.



Thankfully, argon's stability and immobility makes it unfriendly to condensation.

The Bottom Line



It doesn't take a chemist to see that argon is the clear winner when it comes to windows. Bottom line, it's safe, reliable, practical and cost-effective. Choosing windows that have these properties can drastically improve energy efficiency

inside your home. As a result, homeowners typically go with argon gas windows to keep their home insulated from humidity during the summer.

