

Some Commonly Asked Questions

How does Argon gas work?

Because Argon gas does not conduct heat as readily as air, it helps keep heat in during the winter and out in the summer. As a result the window's ability to insulate is increased and living conditions become more comfortable the whole year round.

What does this gas look like? Can you see it in a window?

No. Argon gas is clear, colourless and odourless. Even installed side by side you cannot see the difference between a window filled with Argon and one filled with air just by looking at them.

How long will the gas stay in the window?

Numerous studies show that gas typically leaks out at less than 1% per year. Over twenty years the window will still have 80% of the gas still trapped inside it.

Is Argon gas dangerous?

An emphatic NO! - Argon gas exists naturally in the air you breathe. It is non-toxic, sunlight stable, non-corrosive, colourless, odourless and inert.

Will house plants still grow?

Argon does not block any portion of the sun's light. House plants will not be affected.

What is the main benefit of Argon filled units?

A combination of Argon Gas and Low-e energy saving glass (such as Planitherm soft coat glass) can achieve an improvement in thermal performance of a glass unit in the region of 50% over and above that of a standard sealed unit. Resulting in reduced energy costs!

Is it only for energy savings?

Whilst energy savings are important in this day and age, another benefit of Argon filling is an increase in your comfort as Argon helps to increase in the inner glazing temperature. Raising the inner glass temperature eliminates or substantially reduces condensation on the glass and a warmer surface is also more comfortable to be near.

Do all windows have Argon gas?

Unfortunately not, gas filled windows are manufactured using specialised equipment and not all manufacturers have these facilities.

