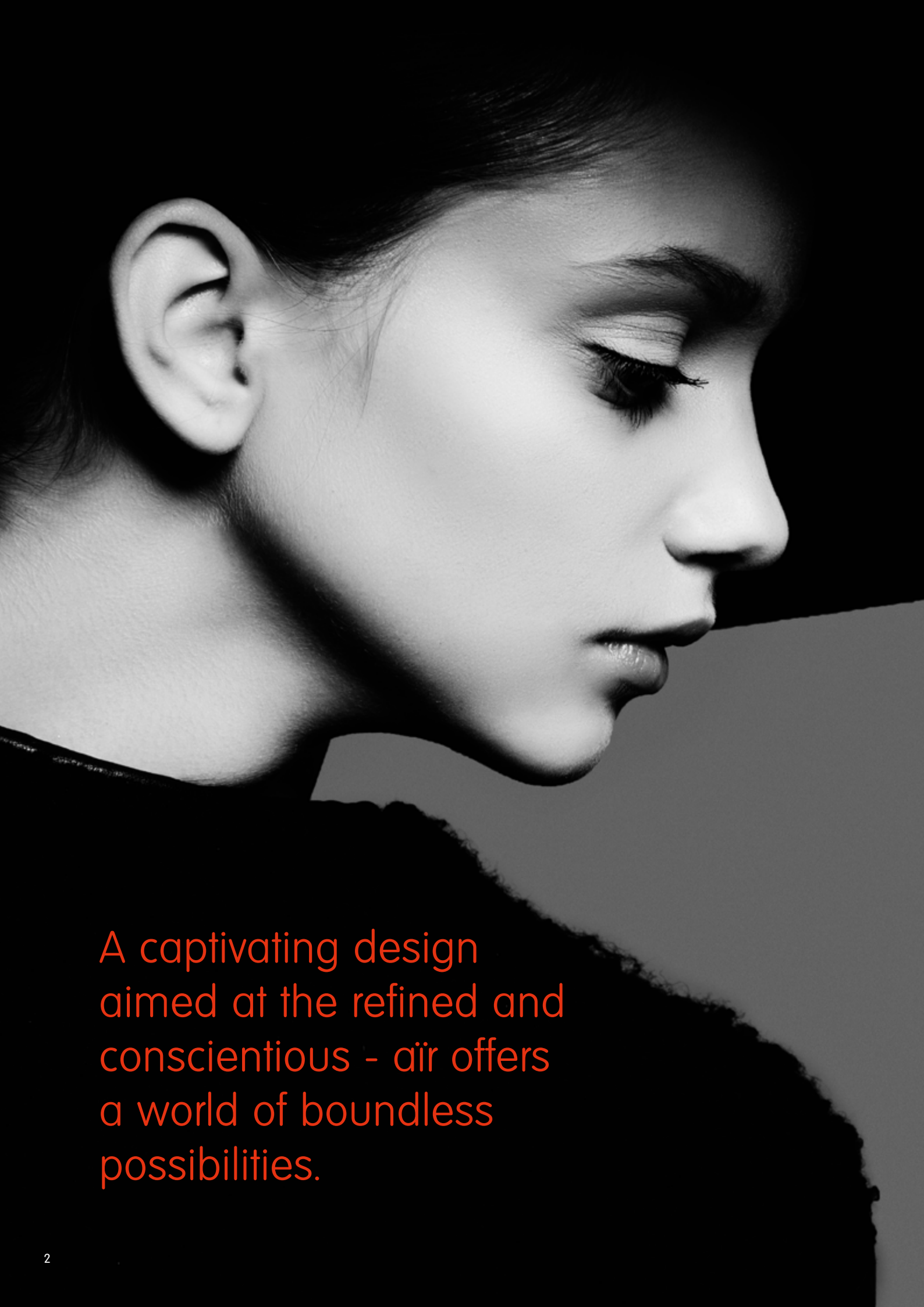


i am | air®



A captivating design aimed at the refined and conscientious - air offers a world of boundless possibilities.



say hello

Combining incredible form and function, a**ir endures** like all the best things in life.

Blending beauty and utility have long been the hallmarks of the most creative individuals of our time. Our bi-fold and lift & slide doors are design classics that will stand the test of time.

From quirky and unusual architectural requirements to designs for extreme locations, our products are coveted by those with an eye for detail and a love of creativity. Discreet and unobtrusive – we offer inspired solutions and boundless opportunities that will enrich any environment.

Tested to the utmost **extreme**, a**ir** is precision-built to endure the most demanding environments.

Our range of aluminium doors offer exceptional weather performance, security, insulation and noise reduction capabilities that can stand years of daily use.

Extreme testing, specialist engineering processes and inspired workmanship enables the timeless essence of our products to shine through in all conditions.

A **captivating** design aimed at the refined and conscientious, a**ir** offers a world of boundless possibilities.

Our range has been created to offer classic design and robust longevity whatever the location. Harness the technology and beauty of a**ir** to create harmony and an enduring legacy.



a breath of fresh air

The world of bi-fold or sliding doors and windows can all seem very bland and rather boring. air is different. air doors are not only extreme with regard to performance, but are also **impressive, refined** and **captivating** in terms of design, technology and aesthetic appeal. Constructed to **endure** and sustain the daily rigours of modern living and climate change, what we offer here is the dedication of countless hours of testing and retesting & cutting edge engineering - resulting in the ultimate in **performance**.



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Our policy is one of continuous improvement and we reserve the right to change hardware and specifications without prior notice. Performance can vary based on a number of factors including, but not limited to, the size, weight, style, glass specification and location of the product. Please note that installations in hazardous environments may require bespoke specifications or additional applications to register guarantees – please contact us for guidance on the current processes. All images are for illustrative purposes and are not binding in detail. The representation of colours and textures are limited by the print process and may vary.



i am | performance |

"We love the sightlines and the very square profile of the frame. The clever engineering of the stainless steel wheels gives the heavy panes a really easy glide."

- Joe, Colchester



No. of times cycle test
doors opened and closed:
50,000
= 277 years of normal use

air performance

When it comes to choosing a set of sliding or bi-fold doors, or new windows, many homeowners will not know what to look out for.

Whether you are buying air or not, always demand to know what you are putting into your home.

What separates the average from the best? We want to make that easy for you, and so we hang our hat on the following measures.



U-value (W/m²k)

A U-value is a measure of heat loss. It is expressed in W/m²k, and shows the amount of heat lost in watts (W) per square metre of glassland or frame. The lower the U-value, the better the insulation provided by the material.

UK Building Regulations (Document L) require doors to achieve a U-value of 1.8W/m²k. Any figures lower than this will indicate better performance; any higher U-values may not comply.

Depending on the product and glass you choose, air doors can achieve an impressive U-value of 0.95 W/m²k, outperforming the legal requirements by an incredible margin. This kind of performance can only be achieved with the best engineered doors.



Weather Performance (pa)

The elements naturally play a huge role in testing the integrity of your doors. That's why wind load and watertightness are essential values to be aware of. Wind load is the amount of force a structure can take from the impact of the wind. Watertightness is the measure of how much water can penetrate an object. Both are measured in pascals (pa). The higher the pa value, the better.



aircoat Colour Protection

The level of protection or deterioration of paint can be related to the thickness of the paint that is applied to a door. This thickness is measured in microns. A higher micron value is one indication of the life that the paint is likely to give you.

With air doors, the typical thickness of the paint will be 60 microns, compared to most standard products which use 30-40 microns, therefore, air doors offer significantly more.



Burglar Proof - Option Of Secured By Design/PAS 24

Our homes are precious, they hold inside them the things most dear to us. Don't compromise on security. Always make sure your doors are tested to Secured by Design standard. This is the Police Approved standard and the highest level of protection for your home.



Ultion Cylinder As Standard

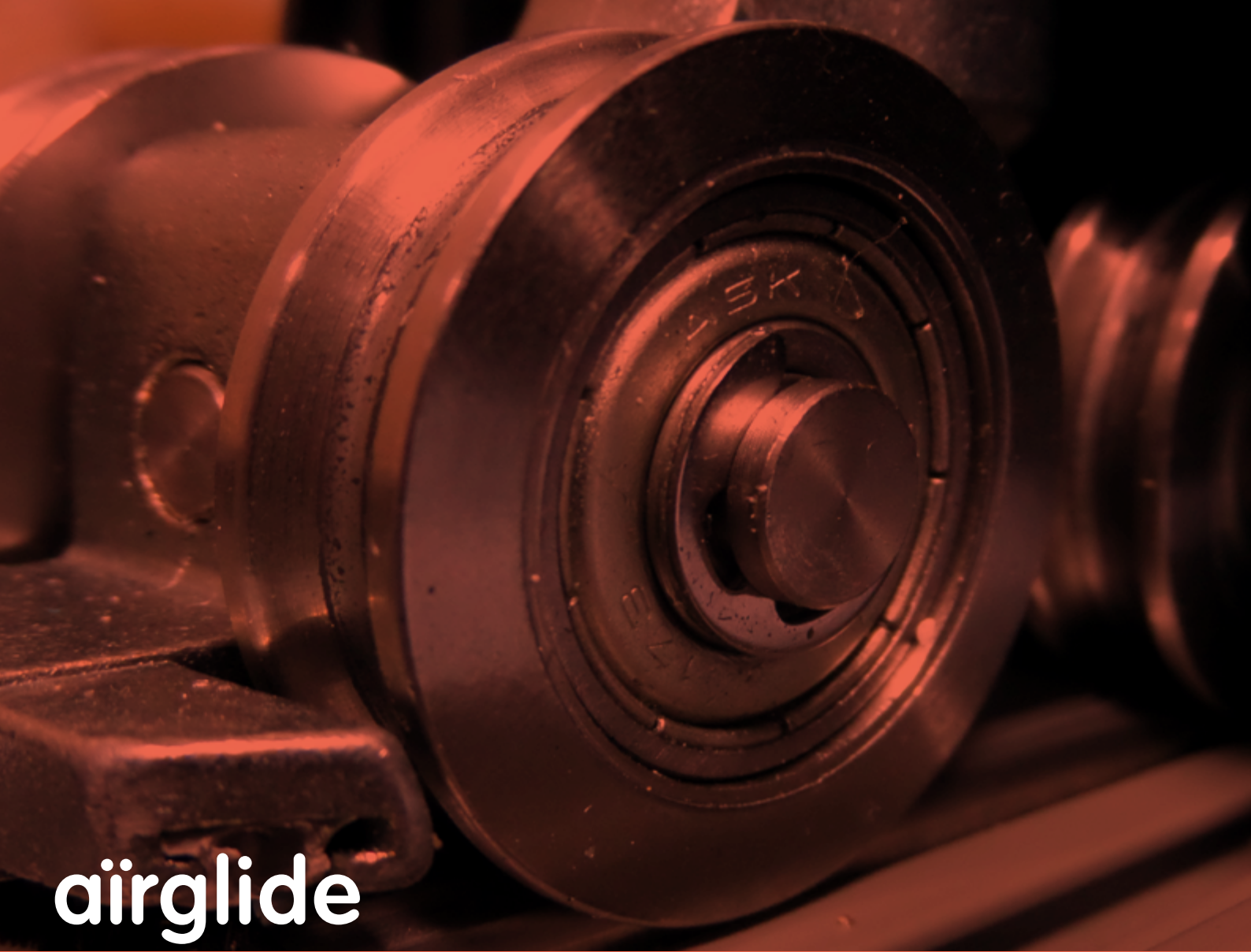
The Ultion cylinder is one of the best on the market. The 11-pin cylinder has a lock-down mode that triggers if an attack is detected. This might be lock picking, lock bumping or lock drilling.

Paired with our Secured by Design certification, it makes the ultimate security system for your home.

Our policy is one of continuous improvement and we reserve the right to change hardware and specifications without prior notice. Performance can vary based on a number of factors including, but not limited to, the size, weight, style, glass specification and location of the product. Please note that installations in hazardous environments may require bespoke specifications or additional applications to register guarantees – please contact us for guidance on the current processes. All images are for illustrative purposes and are not binding in detail. The representation of colours and textures are limited by the print process and may vary.



i am | enduring |



airglide

move up to 300kgs with just 2 fingers

air doors feature specially engineered airglide technology, ensuring you can move huge panels with just 2 fingers, and enjoy smooth operation for years to come. The sophisticated technology used to construct air doors means that the performance possibilities are immense.

There's no tugging, heaving or pushing. Moving the doors is not supposed to be a workout. They slide and glide effortlessly.

air 500LS and 600LS use a clever lift and slide mechanism so that impressive, wide-span panes of glass, weighing up to 300kg, can be moved easily. The refined technology means the sliding door can be locked in any position along the track.

air 180XLS Lift and Slide Doors are engineered to effortlessly open panels weighing 400kg. They are incredibly strong and their design offers a smooth and seamless operation, so up to six panels can glide open and closed with minimal effort.



airtight

Teflon[®] coated weather - seals keep the wind out

air has been engineered for performance. As well as offering captivating views from your living space, air's large expanses of glass and slim aluminium frames keep the cold out and the warm in.

air 500LS and 600LS lift & slide doors offer U-values up to 0.95 W/m²K. They have been tested for wind loads up to 1200pa and are watertight to 600pa. Even with a low threshold, air doors never compromise on performance.

air 900 bi-fold doors feature U-values from 1.0 W/m² K and are watertight up to 600 pa. They feature panel sizes up to 1200 x 3000 per panel and windload resistance up to 1200 pa.

The Teflon[®] coating ensures that dirt doesn't stick to the rubber. A simple wipe with warm soapy water will make them look fresh over and over again.



air

500LS & 600LS



air 500LS & 600LS

air lift & slide doors feature airglide technology, ensuring smooth operation for years to come.

The lift & slide mechanism has been engineered so that huge panes of glass weighing up to 300kg can be easily moved with just 2 fingers. This means effortless operation - doors can be opened and closed without any heaving, pushing or tugging.

Another dimension of outdoor living can be achieved with the impressive cornerless option. There are no obtrusive posts to interrupt the view, just clear sight of seamless, captivating views.

Super-slim sightlines from 48mm ensure that even when the worst of the British weather hits, you can still enjoy the views from your home. air protects against the weather with extreme performance, including U-values up to

0.95 W/m²K and the ability to withstand gusts of up to 100mph.

air is available in numerous configurations for flexible living spaces. With endless colour choices, the added option of the aircoat scratch and dirt resistant textured paint and range of handle options, air offers truly personalised design.

A Secured by Design upgrade is available on air doors thanks to the PAS 24 approved locking system and the impressive Ultion 3-star Sold Secure Diamond Cylinder which is fitted as standard.

All this dependability and beauty is backed by an industry-leading 25-year guarantee.



less frame, more glass

panel sizes up to 2500mm (w) x 2700mm (h)



scratch and dirt resistant paint over 200 RAL colours available



cornerless option

make the most of your view



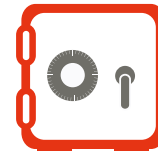
designed for large openings

openings up to 15000mm (w) x 2800mm (h)



high energy efficiency

u-values up to 0.95 W/m²k



ultion cylinder

3-star sold secure diamond tested



airglide technology

move up to 300kgs with just 2 fingers



extreme wind resistance

withstands gusts of up to 100mph (1200pa)



max sash weight

Up to 300kg with easy glide opening



secured by design upgrade available

keep intruders out



low threshold

easy access for all

Ideal for
maximising
glass area







Cornerless Option

Discover a new dimension in outdoor living with beautiful cornerless design.

Cornerless lift and slide design offers uninterrupted, panoramic views and a seamless blend of indoor and outdoor spaces to create a dramatic open extension and completely alter the way you live.

air 600LS can be engineered as a glazed corner that can be pushed back to blur the lines between the garden and your home. There's no middle corner post to spoil the view or create a hazard.

It's also the perfect choice for homes with a view on more than one side as you can create a panoramic effect with a removable corner. You can also enjoy natural light flooding into your home for more of the day as the sun moves across the horizon.

The cornerless solution offers the same extreme performance as any other air installation.

air 600LS features a PAS 24 locking system, with the Ultion 3-star Sold Secure Diamond cylinder for added peace of mind.

Weatherproofing is taken care of with extreme testing – U-values are up to 1.0 Wm²K with triple glazing available. The doors can withstand wind gusts up to 100mph and are watertight to 600pa.

All gaskets are Teflon[®] coated so dirt doesn't stick and the impressive dirt-resistant, optional textured paint means your doors will look beautiful for longer.



air

180 XLS



air 180 XLS

Setting a new standard for sliding doors, our air 180XLS Lift & Slide Door has been engineered to deliver a future-proofed, high performance door unlike anything else on the market.

Delivering superior performance across the board, our air 180XLS Lift & Slide Door is resilient in its design and stunning in its aesthetics. With 50mm interlocking sightlines, the choice of double and triple tracks, and large panels sizes. it delivers an industry-leading doorset that leaves no element untapped.

A door that effortlessly taps into the 'less frame, more glass' demand for future homes, our air 180XLS Lift & Slide Door delivers added natural light, and uninterrupted views of outdoor spaces.

The robust design of the air 180XLS Lift & Slide Door delivers ultra-low U-values of 0.8 W/m²K, while delivering superior security with multi-point locking mechanisms and the choice of Secured by Design.



less frame, more glass

panel sizes up to 1200mm (w) x 3000mm (h)



thousands of colour options

over 200 RAL colours available



ultra cylinder

3-star sold secure diamond tested



designed for large openings

openings up to 12000mm (w) x 3000mm (h)



high energy efficiency

U-values up to 1.1 W/m²k



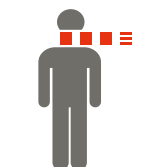
max sash weight

Up to 120kg with easy glide opening



Teflon[®] coated weather seals

watertight up to 60kg per square metre (600pa)



extreme wind resistance

withstands gusts of up to 120mph (1800pa)



secured by design upgrade available

keep intruders out



built in anti-finger trap protection

avoid nasty accidents



low threshold

easy access for all

Perfect for
creating a full,
clear opening





air 900



air 900

Designed and manufactured to deliver captivating design and even greater performance, our air 900 Bi-fold Door is a revolutionary doorset that is secure and energy efficient – while catering to both contemporary and heritage design trends.

Delivering a captivating design, our air Bi-fold Doors have been engineered to offer high levels of incredible security and thermal performance. With super slim 107mm sightlines and available in up to 14 panels, the large expanses of glass help maximise natural light in interior spaces, while minimising the disruption to the outdoors – perfectly meeting on-trend indoor: outdoor living. As more homeowners look to blend the classic steel-look with modern performance, our heritage styling options is the perfect offering.

Heritage-style doors continue to define timeless design, but not all are created equal. We built ours from the ground up, ensuring that it authentically channels the industrial Art Deco trend. With specifically designed steel-look profiles and astragal bars, it delivers the highly sought-after heritage style without compromising on performance



less frame, more glass

panel sizes up to 1200mm (w) x 3000mm (h)



thousands of colour options

over 200 RAL colours available



multi-point locking

3-star sold secure diamond tested



designed for large openings

openings up to 12000mm (w) x 3000mm (h)



high energy efficiency

U-values up to 1.1 W/m²k



max sash weight

Up to 120kg with easy glide opening



Teflon[®] coated weather seals

watertight up to 60kg per square metre (600pa)



extreme wind resistance

withstands gusts of up to 120mph (1800pa)



secured by design upgrade available

keep intruders out



built in anti-finger trap protection

avoid nasty accidents



low threshold

easy access for all

Now available
in heritage
styling





air 400SS



air 400SS

Less frame, more glass and a future-ready performance – our air 400SS Minimal Frame Sliding Door delivers on all the trends and more.

Effortlessly delivering on performance and style, our air 400SS Minimal Frame Sliding Door has been designed and developed to stay one step ahead. It doesn't just meet industry standards and homeowner demands, but it sets new ones. Its ultra-slim interlocking sightlines and the beaded and site-bonded design makes transportation and installation smoother than ever, offering a game-changing sliding door to the market.

With impressive insulation, with U-values from 1.2 W/m²K, our cool and contemporary glazing solution offers the ultimate flexibility. Plus, as it is available in up to six panels wide, with maximum panel sizes of 2m x 2.5m, it offers a suitable doorset for every project.



less frame, more glass

panel sizes up to 1200mm (w) x 3000mm (h)



thousands of colour options

over 200 RAL colours available



ultron cylinder

3-star sold secure diamond tested



designed for large openings

openings up to 12000mm (w) x 3000mm (h)



high energy efficiency

U-values up to 1.1 W/m²k



max sash weight

Up to 120kg with easy glide opening



Teflon[®] coated weather seals

watertight up to 60kg per square metre (600pa)



extreme wind resistance

withstands gusts of up to 120mph (1800pa)



secured by design upgrade available

keep intruders out



built in anti-finger trap protection

avoid nasty accidents



low threshold

easy access for all

Perfect for
creating a full,
clear opening





i am refined

"Great doors, and really good service. Really impressed...we were not disappointed. Lovely showroom, very knowledgeable and helpful staff."

- Alex, London

Accessorise air

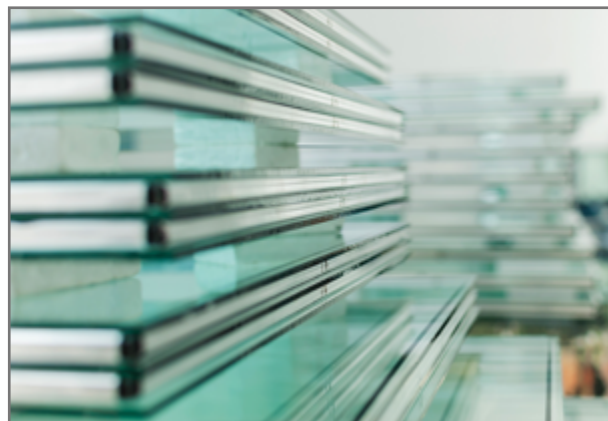
The finishing touches make all the difference. Accessorise your doors with these standout pieces.

High Performance Glass

Ask about our unique high performance glass innovations.

We offer a special technology that incorporates a suspended film within the glazed unit. Using this enables us to offer low U-values on our wide-span glass doors without adding lots of extra weight to the panel or sash.

As well as being thinner and lighter, it's better for the environment with reduced emissions in both the manufacturing and delivery process. Plus, like air, it is made of fully recyclable materials.



Hardware

Classic & Luxury handles.

There is a full range of hardware available for air doors, to suit your style and design.

This includes the Serenity handle range that gives a designer finish with a truly impressive life-span.

Talk to your local air Accredited Retailer to find out more about available handle options.



Ultion Security Cylinder

Ultion has set a new standard in home security. It's the security cylinder with a difference. The 11-pin configuration with a special lock-down mode triggers if an attack is detected. This might be lock picking, lock bumping or lock drilling.

The cylinder comes with Sold Secure Diamond testing and it's backed with an impressive £1,000 guarantee from Ultion.

The Ultion 3-star security cylinder is fitted as standard on air bi-fold and lift & slide doors.



A Designer Touch

Complete the air look with our range of enduring Serenity handles.

Serenity handles work in harmony with air's stainless-steel rollers and cleverly engineered mechanism to guarantee a smooth airglide on every opening.

Hypoallergenic, ecological and recyclable - Serenity handles will maintain their original state for years to come. Tested to the extreme, Serenity handles offer extreme corrosion resistance so they're perfect for doors that frame even the wildest of views.

Our designers have sourced the best materials so that Serenity handles can withstand the rigour of daily use and always feel luxurious to the touch. Serenity handles beautifully combine form and function for easy operation time after time.

Serenity handles come in a range of colours to complement or contrast with your air door. Talk to your Accredited Retailer about the handle choices on offer.





handcrafted by aluminium experts

air is made in London. We have been manufacturing aluminium products for residential and commercial use since 1980.

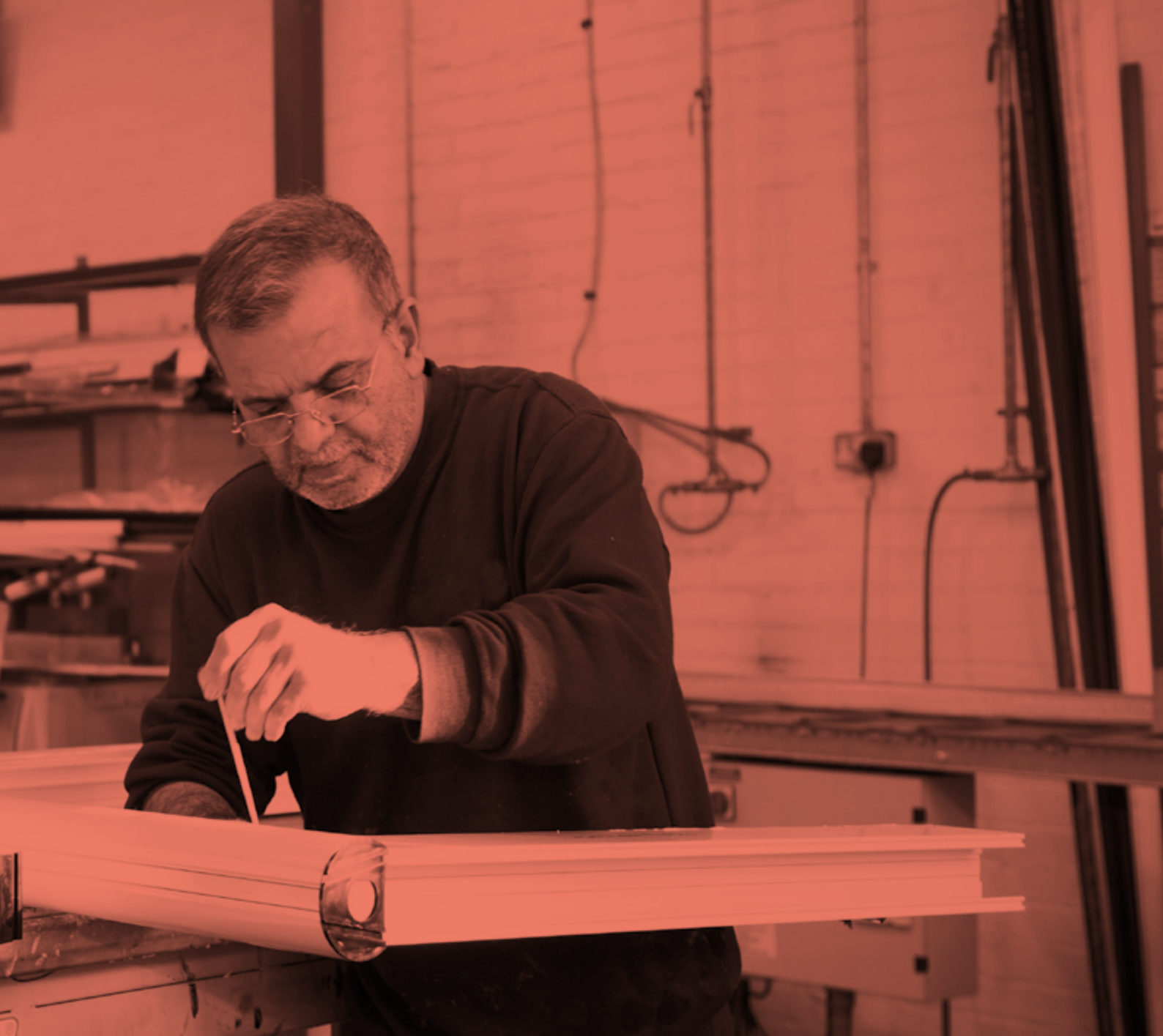
Our dedicated team has the knowledge and the skill to create captivating engineering that carries an industry-leading 25-year guarantee.

We use cutting-edge technology and expert skill to create sets of air doors that are truly captivating - all from our state-of-the-art 65,000 sq ft production facility. Manufacturing automation is backed by years of product knowledge and skilled craftsmanship.

Countless hours are dedicated to testing air to ensure that performance is never compromised. This means that we can ensure wind resistance and water resistance are at their optimum and U-values are as low as possible.

Every product we manufacture goes through a strict quality checking process so air is ready for installation by your Accredited Retailer when it arrives with you.







air customers say:

“Very professional and personal approach from both the sales and installation team. I am very impressed. In today’s society of cuts, cuts, cuts it makes such a pleasant change to deal with people who are polite, friendly, approachable, personable and professional.” *Keith, Middlesex*

“Overall, the short time between my initial inquiry to the completed installation made the whole process very convenient. All the staff that I dealt with were friendly and gave quick responses to my questions.” *Julian, Ealing*

“The sales person was very helpful and addressed all our questions on the bi-fold door professionally. I was delighted with the helpfulness of the sales person, quality of products, installation timing and tidiness of the installation.” *Nelun, Finchley*



**Find your nearest
accredited retailer**

www.discoverair.co.uk
or call 020 8998 8775









www.discoverair.co.uk

