

i am | @ir®



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

say hello

Combining incredible form and function, aïr **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**, aïr is precision-built to endure the most demanding environments.

Our range of aluminium doors offer exceptional weather, 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, aïr 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 aïr to create harmony and an enduring legacy.

a breath of fresh air

The world of bi-fold and sliding doors can all seem very bland and rather boring. air is different. air doors are not only extreme with regards to performance values, 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, delivering the ultimate in **performance**.



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air®
www.discoverair.co.uk

Our policy is one of continuous improvement and we reserve the right to change hardware and specifications without prior notice. Performance information can vary based on a number of factors including, but not limited to, the size, weight, style, glass spec and location of the product. 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 looking for a set of sliding or bi-fold doors, many buyers don't know what to look out for.

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

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



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 glass and 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.



Industry Leading 25 Year Guarantee

Investing in a set of high-end doors is probably a once in a lifetime decision. air is the most impressive range of high performance doors. We are so confident of this, we have an industry leading 25 year manufacturer's guarantee on all air doors. Most others will have guarantees of 5-10 years.



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.



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. The higher the micron value is one indication of the life that the paint will give you. The highest level of protection is usually required in marine environments, and powder coating will usually be 60 microns in these applications.

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



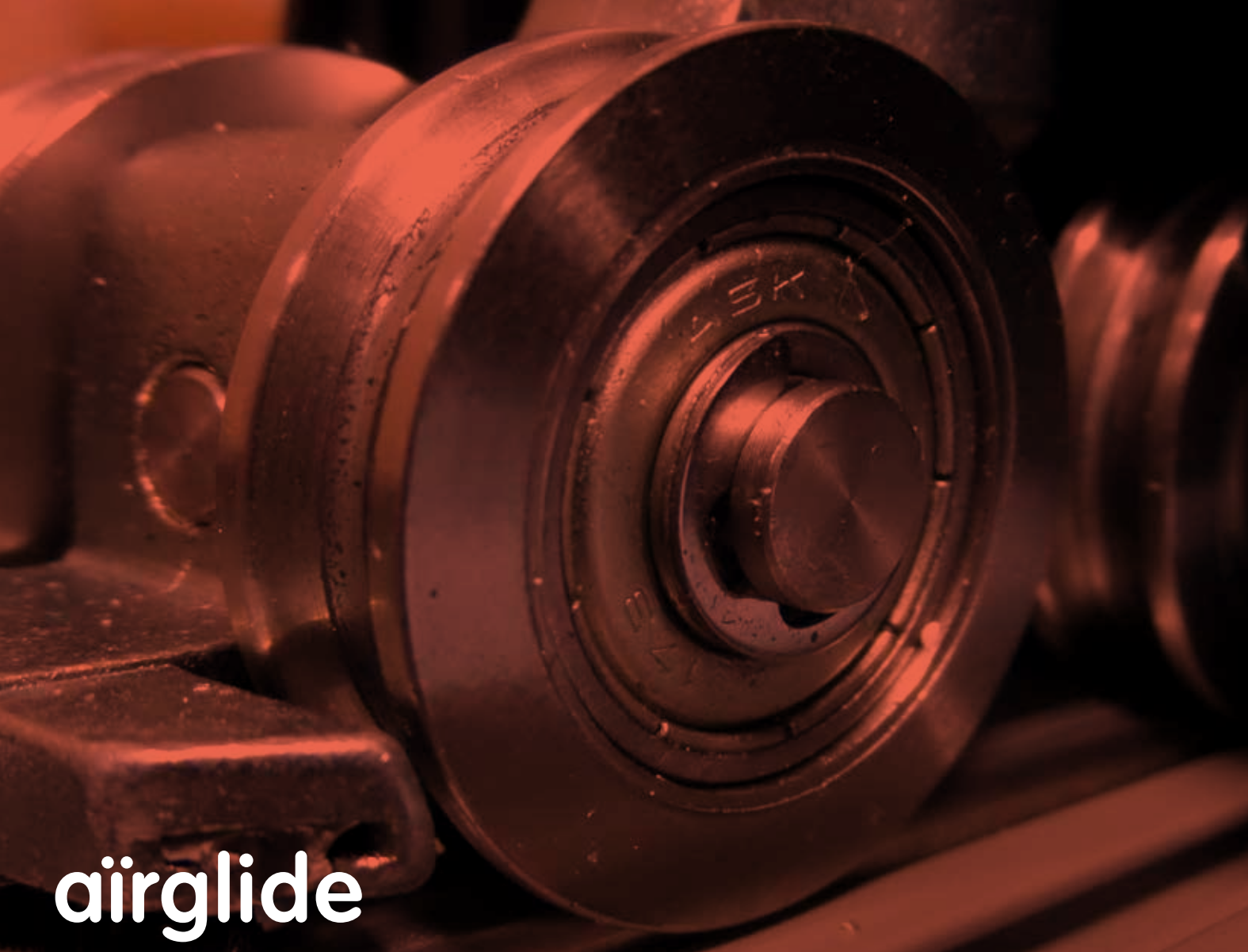
Ultion Cylinder As Standard

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.



i am enduring



airglide

move up to 300kgs
with just 2 fingers

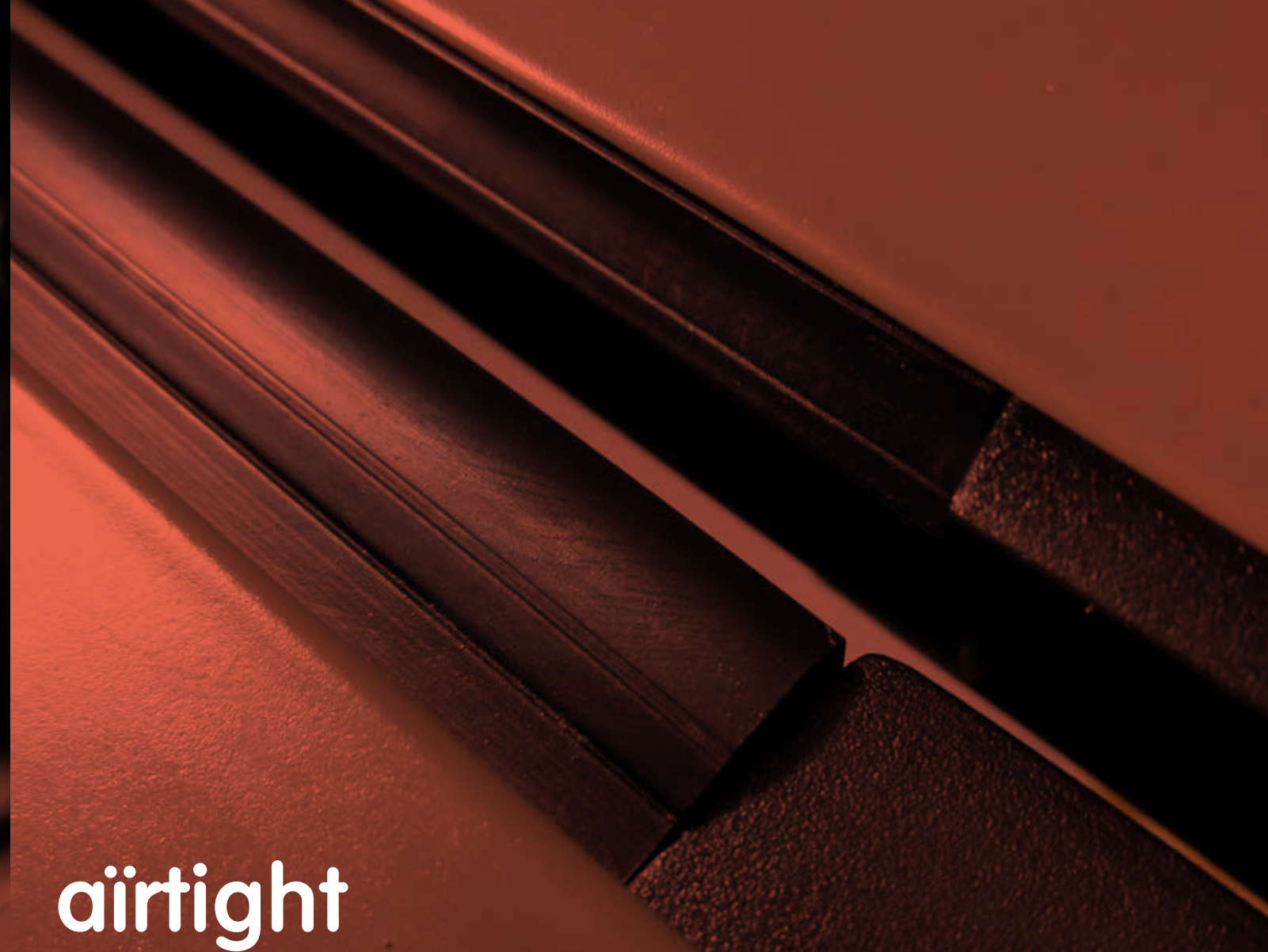
air doors feature specially engineered airglide technology, ensuring you can move huge panels with just 2 fingers, and enjoy smooth operation for years to come. The sophisticated technology used to put together air doors means that the performance possibilities are immense.

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, widespan 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 800 bi-fold doors are engineered with stainless steel rollers. They are incredibly strong and their design offers a smooth operation so that a 5 panel bifold, weighing up to 600kg, 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 have clever features to 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 load up to 1200 pa and are watertight to 600 pa. Even with a low threshold, air doors never compromise on performance.

air 800 bi-fold doors feature U-values up to 1.1 W/m²K and are watertight up to 600 pa. They feature Teflon® coated interlocking weather seals that wrap snugly around the bifold hinges and the frame to ensure blustery breezes are kept outdoors.

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



i am **impressive**

"We like air's slim central locking sightline and it's got a really smooth glide."

- Neil, St Albans

an industry
leading
25 year
guarantee



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 level of outdoor living can be achieved with the stunning cornerless option. There's no obtrusive posts to interrupt the view, just clear sight of seamless, captivating views.

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

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 a stunning 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.

Ideal for maximising glass area



less frame, more glass

15000mm (w) x 2800mm (h)



scratch and dirt resistant paint over 200 RAL colours available



low threshold
Easy access for all



designed for large openings

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



high energy efficiency
u-values up to 0.95 W/m²k



cornerless option
make the most of a view



airglide technology

move up to 300 kgs with just 2 fingers



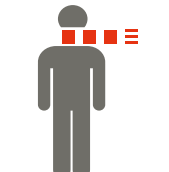
industry leading guarantee
an impressive 25 years



Ultion Cylinder
3-star sold secure diamond tested



secured by design upgrade available
keep intruders out



extreme wind resistance
withstands gusts of up to 100mph (1200pa)



Max Sash Weight
Up to 300 kg with easy glide opening





Cornerless Option

Discover the next level in outdoor living with beautiful cornerless design

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

air 600LS can be engineered to offer 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 for busy bees enjoying the ins and outs of the home during the warmer months.

It's also the perfect choice for homes with a view on more than one side - create a panoramic effect with a removable corner. Plus, you'll have brighter, 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 600 pa.

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

air
800



air 800

If a folding door is more to your taste, then let us introduce you to air 800 - the Rolls Royce of folding doors.

air 800 has the ability to command extreme views. Panels can be as tall as 3m high, and with configurations available up to 10 panels, air can fill even the largest opening, for endless design possibilities for any new build or transformation of a home.

There are thousands of colour combinations available with our aircoat finishing, as well as the option to upgrade to our scratch and dirt-resistant, textured paint that looks truly stunning with our beautiful range of handles.

Sightlines are super-slim from as little as 108mm for more glass, more light and more view. In fact, air offers some of the slimmest sightlines on the market.

air is engineered with stainless steel rollers for smooth openings on doorsets that weight up to 600kg.

U-Values are up to 1.1 Wm²K and the doors are watertight to 600 pa. Each sash features a clever Teflon® coated interlocking weather seal to fit snugly around the hinges and block out gusts of wind up to 100mph.

The locking system is PAS 24 approved, so there is the option to upgrade the door to Secured by Design standard. Plus, the Ultion 3-star Sold Secure Diamond cylinder is fitted as standard for added peace of mind.

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



less frame, more glass
openings up to 12000mm (w) x 3000mm (h)



thousands of colour options
over 200 RAL colours available



low threshold
Easy access for all



designed for large openings
panel sizes up to 1200(w) mm x 3000(h) mm



high energy efficiency
u-values up to 1.1 W/m²k



Ultion Cylinder
3-star sold secure diamond tested



Teflon® coated weatherseals
watertight up to 60kg per square metre (600pa)



industry leading guarantee
an impressive 25 years



Max Sash Weight
Up to 120kg with easy glide opening



built in anti-finger trap protection
avoid nasty accidents



extreme wind resistance
withstands gusts of up to 120mph (1800pa)



secured by design upgrade available
keep intruders out

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 uses 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 stunning finish with a truly impressive life-span.

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



Ultion Security Cylinder

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

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



A Designer Touch

Complete the air look with our range of stunning 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 vigour of daily use and always feel luxurious to the touch. Serenity handles will 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.

Available for air 500LS, air 600LS and air 800



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 stunning 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.







Testimonials

"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 make 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-folding 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 3432 5571



	Lift & Slide		Bi-fold
	air 500LS	air 600LS	air 800
airlock - locking system tested to SBD standard	●	●	●
airglide - push up to 300kg with two fingers	●	●	
aircoat - Dirt resistant paint available in any RAL colour -easy to clean	●	●	●
airflex - built in adjustment on hinges for a plumb and level door			●
airsafe - anti-finger trap technology			●
airtight Interlocking weather seal - reduces drafts, even around hinges			●
Stainless steel rollers			●
Teflon® coated gaskets - dirt doesn't stick	●	●	●
Hand engineered and finished - all joints finished with glue for extra strength	●	●	●
25 year guarantee - with manufacturer	●	●	●
Slim sightlines	from 48 mm	from 48 mm	from 108 mm
Lift and slide operation	●	●	
Cornerless solution		●	
Single track, single slider	●		
Multiple track, multiple slider		●	
Low threshold - level off floors without compromising on weather performance	●	●	●
Maximum size per panel	2500 x 2700	2500 x 2700	1200 x 3000
U-values from	0.95 Wm²k	1.0 Wm²k	1.1 Wm²k
Wind load up to	1200 pa	1200 pa	1800 pa
Watertightness up to	600 pa	600 pa	600 pa
Maximum glass weight	300 kg per panel	300 kg per panel	120 kg per panel
Glazing	28, 36 or 44mm	28, 36 or 44mm	28, 36 or 42mm

