

i am | @iR |

say hello

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.

aïr is designed to be **impressive** – we have quite simply thought of everything

Our dependable and well-judged product specifications offer customers the kind of details they crave. Multiple configurations and functionality offer problem-solving solutions and boundless design specifications.

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.

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.

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 lift & slide 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 **performance**.



Contents

- say hello **2-3**
- air performance **8-13**
- air 500LS / 600LS **18-19**
- air 800 **24-25**
- a designer touch **28-29**
- air at a glance **32-33**
- contact air **34-35**



www.discoverair.co.uk

i am | performance |



air performance



air performance standards explained

When it comes to looking for a set of sliding or bi-fold doors, many consumers 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. The lower the U value, the better the insulation provided by the material.



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.



Security Secured by Design

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



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.



aircoat colour protection

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



airglide

move up to 300kgs
with just 2 fingers

air Lift & Slide doors feature airglide technology, ensuring smooth operation for years to come. Strong stainless steel rollers mean that huge panes of glass that weigh up to 300kg can be easily moved with just 2 fingers. No tugging, heaving, or pushing. Moving the doors is not a workout. They slide and glide effortlessly.

The extreme technology used to put together air Lift & Slide doors means that the performance possibilities are immense.

The refined Lift & Slide mechanism enables the sliding door to be safely locked in any position.

Other interesting air Lift & Slide design options include cornerless solutions. No more ugly posts - instead the ability to have seamless and captivating views from your home.



No. of times cycle test doors opened and closed =

50,000

= 277 years of normal use



airtight

Teflon® coated weather - seals keep the wind out

air 800 doors features an interlocking weather-seal which provides a tight seal keeping the cold, the rain and the wind out.

These unique weather-seals wrap snugly around the hinges, so even on the most blustery of days these doors will not whistle or creak.

Most weather-seals are made from plastic composite, but the best material is rubber which

is not only more dense and flexible, it also moulds perfectly around the frame.

A Teflon® coat applied to the weather-seals ensures dirt doesn't stick to the rubber.

A quick wipe with warm soapy water is all it takes to maintain a lovely, clean and impressively new feel for years to come.

an industry leading 25 year guarantee



i am | enduring |



air

500LS & 600LS



air 500LS & 600LS

If you want to keep at the cutting edge of what is possible in the world of sliding doors, then look no further than the air 500LS & 600LS.

air Lift & Slide doors feature airglide technology, ensuring smooth operation for years to come. Strong stainless steel rollers mean that huge panes of glass that weigh up to 300kg can be easily moved with just 2 fingers. No tugging, heaving, or pushing. Moving the doors is not a workout. They slide and glide effortlessly.

A 'floating corner' option opens up a space like never before. No more obtrusive, ugly posts -just seamless and captivating views.

Complete the look with a designer Purity handle. Coated with the same material used in spacecraft, these handles are durable and engineered to impress.

Performance standards See page 8 for more information

 U Value from 1.38Wm ² K	 Watertight up to 600pa	 Wind load up to 1200pa	 Panel sizes 2200 x 2700	 Guarantee 25 years
--	---	---	--	--



airlock
Lift & slide locking mechanism tested to SBD



aircoat
Dirt resistant textured paint available in any RAL colour



airglide
Move up to 300kgs with just 2 fingers



airtight
Teflon[®] coated weather-seals keep bad weather out

Ideal for maximising glass area

i am | impressive



air
800

air 800

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

With the ability to command extreme views with panels as large as 3m tall and to withstand wind loads of over 100mph, air 800 creates extreme possibilities for any design, build or transformation of a home.

Super slim sightlines from only 108mm means you get less frame and more view. These are some of the slimmest doors available.

There are over 200 door configurations and with a choice of thousands of colours, the design possibilities are boundless. An optional aircoat textured paint finish creates a hardy scratch and dirt resistant surface.

Tested to the extreme, air 800 meets Secured by Design Standard

Performance standards See page 8 for more information

 U Value from 1.4Wm²K	 Watertight up to 600pa	 Wind load up to 1800pa	 Panel sizes 1200 x 3000	 Guarantee 25 years
--	---	---	--	--



airlock
Multipoint locking mechanism tested to SBD



aircoat
Dirt resistant textured paint available in any RAL colour



airsafe
Avoid accidents with built in anti-finger trap protection



airtight
Teflon® coated weather-seals keep bad weather out

Perfect for creating a full, clear opening

i am | refined |



A Designer Touch

100% hypoallergenic, ecological and recyclable - Purity handles will maintain their original state for years to come.

Handles are finished by applying a coating of gaseous metal ions under a vacuum. No toxic waste escapes to the air or water, making this process 100% ecological.

Exposed to over 3000 hours of salt spray, Purity features extreme corrosion resistance. An alternative to stainless steel, the stress resistance of Purity is situated between stainless steel and brass.

Coated with the same material used in spacecraft, these handles are durable and engineered for performance. The finishing does not require any galvanic chrome base to increase the wear resistance. The hardness, however, is two to three times more durable than a normal treatment. The absence of galvanic chrome also creates impressive metal colour tones.

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



100% anti-allergic
100% ecologic
100% recyclable

i am | air |



air at a glance

	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 textured 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 - opposed to weaker nylon ones	●	●	●
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 69 mm	from 69 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	2200 x 2700	2200 x 2700	1200 x 3000
U values from	1.38 Wm²k	1.38 Wm²k	1.4 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 pane
Glazing	28, 36 or 44mm	28, 36 or 44mm	28, 36 or 42mm

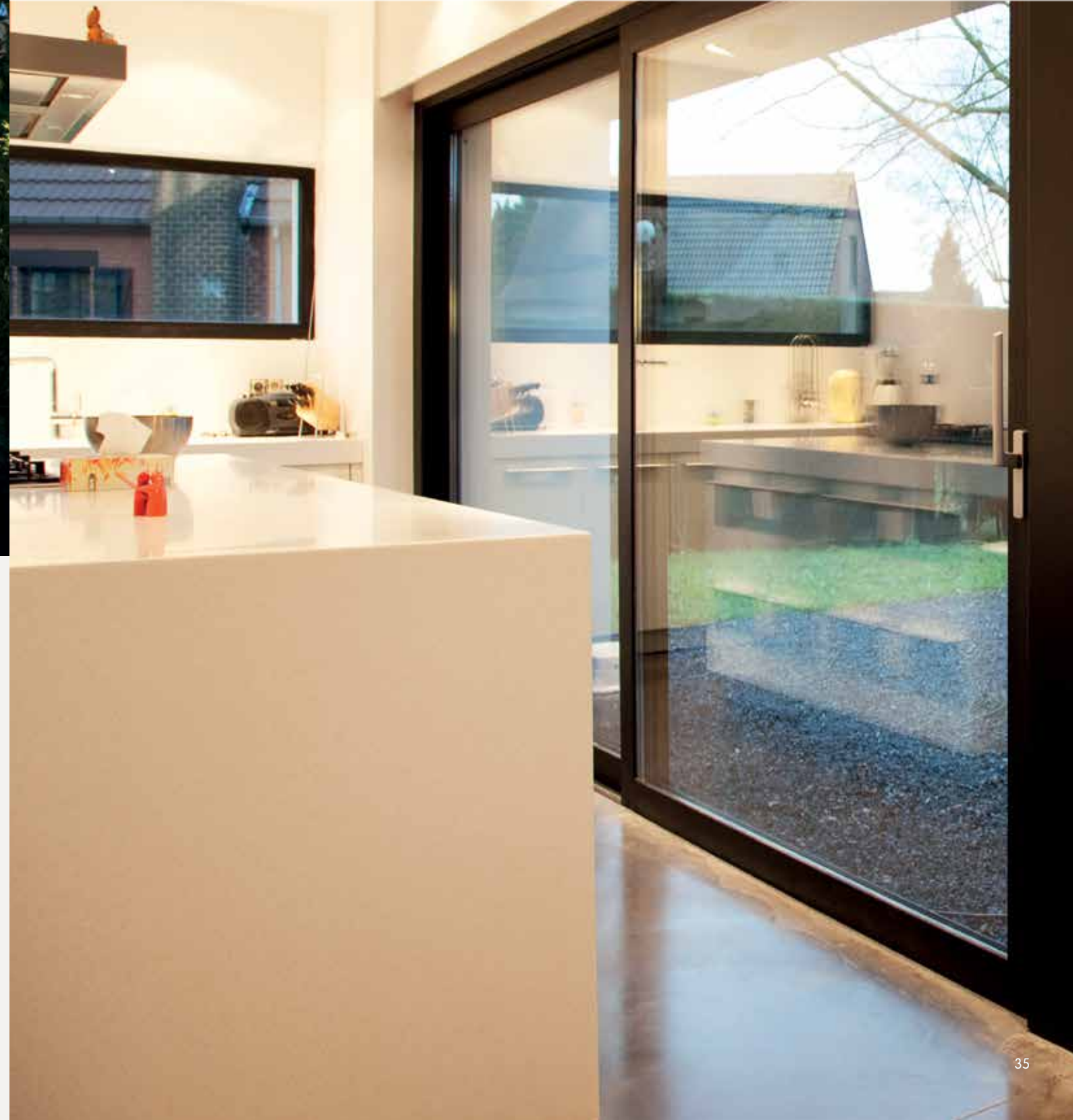


Contact Us

Arrange a free design
consultation

020 3432 5571

www.discoverair.co.uk



Architects

air doors not only inspire design but also exceed the performance requirements of most projects.

Built to endure, the air range is a high performance and refined piece of engineering. Encompassing all the latest trends and technologies, including slim profiles, cornerless options, and lift & slide locking.

Visit an airzone

Get a first hand feel of the extreme design capabilities, the refined finish of these captivating and high performance doors.

Visit your local airzone to investigate the possibilities of transforming your home with a set of air doors.

www.discoverair.co.uk

