Optima AMR

Optima is an international leader in glass partitioning systems and solutions

We have manufacturing facilities in the UK and Malaysia and over 30 years' experience in the glass partitioning industry.

We pride ourselves on offering exceptional service and beautifully designed glass partitions and doors which exude quality in every region we operate in. We are wholly dedicated to helping our clients create effective and innovative workspaces in some of the world's most iconic buildings.

What is the AMR?

Building design has evolved, and spaces are much more flexible. We're using our workplaces in more creative ways, with employee well-being at the heart. Our solutions offer smart and adaptable ways to maximise the potential of your space. Constantly innovating, our experienced team of product designers have developed a range of dynamic meeting spaces and places.

The Optima AMR offers infinite possibilities. Our freestanding meeting rooms can fit anywhere within your design and can be put up, taken down or moved quickly and efficiently. Need more than one? Our unique "twist and lock" functionality enables you to fit the rooms together to make a range of neighbourhoods for different uses. Wall to wall or corner to corner, your designs can be limitless.

Need some customisation to fit in with your design? Take a look through our brochure to see the options available.

Promote collaborating, socialising or private working; the AMR can accommodate a range of contemporary working methods.

AMR Occupancy - the AMR is available in four standard sizes:

3x3m	3x4m	3x5m	3x6m
👤 : max 4	👤 : max 6	👤 : max 8	👤 : 8+
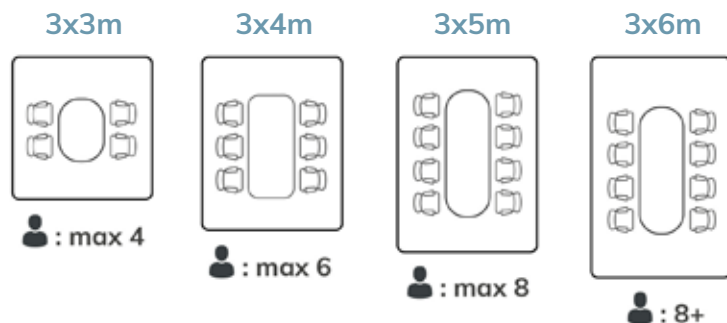
CONCENTRATE

CALL

PLUG & PLAY
NEIGHBOURHOODS

SOCIALISE

ESCAPE

MEET

DESIGN
ENERGISE

REFRESH

FOCUS

INNOVATE

INNOVATE

COLLABORATE
FOCUS

Work time

A hive of activity in a private space, or quiet time alone. Our organisations are constantly evolving and so, our environments need to offer us new ways of working.

There are many reasons during our working day when we need a separate area. Whether it's brainstorming innovations or quietly calculating, the AMR is a welcoming space with the acoustic privacy you need.
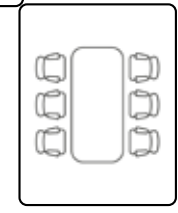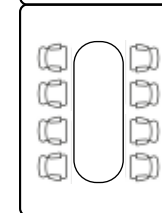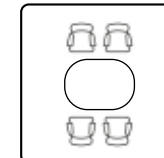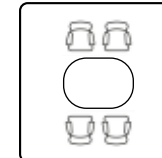
Smart technology

Using smart technology, the AMR is a connected space enabling users to precisely control the working environment. This includes booking panels, lighting, temperature and air-quality control, as well as unified communications via screens installed in the AMR, or using devices such as smartphones, tablets, laptops – or anything new that the future brings. A secure environment that's easy to use.

- Present using wireless technology
- Call with high quality speakerphone
- Video conference
- Collaborate via the web (Teams/Zoom/Generic)
- Manage (energy control and room-usage data)
- Schedule (room booking)

COLLABORATE

FOCUS

DESIGN INNOVATE

BRAINSTORM

ENERGISE

SOCIALISE

ESCAPE

MEET

DISCUSS

Informal time

With employee well-being a top priority, the AMR is the ideal addition to any office environment. Acoustic performance, visual privacy and smart technology make this solution the perfect escape.

Chill out with time away from the open plan, promote social interactions and foster productivity. Whether it's making space in your busy day for coffee with a colleague or creating a peaceful reading area to catch up on news you've missed, the high acoustic properties of the AMR allow you to shut the outside world away.

The AMR's smart technology has the ability to detect occupancy levels and can adjust comfort settings accordingly. No need to worry about lighting, heating or technology compatibility, the AMR is designed with your needs in mind.

Evolving needs
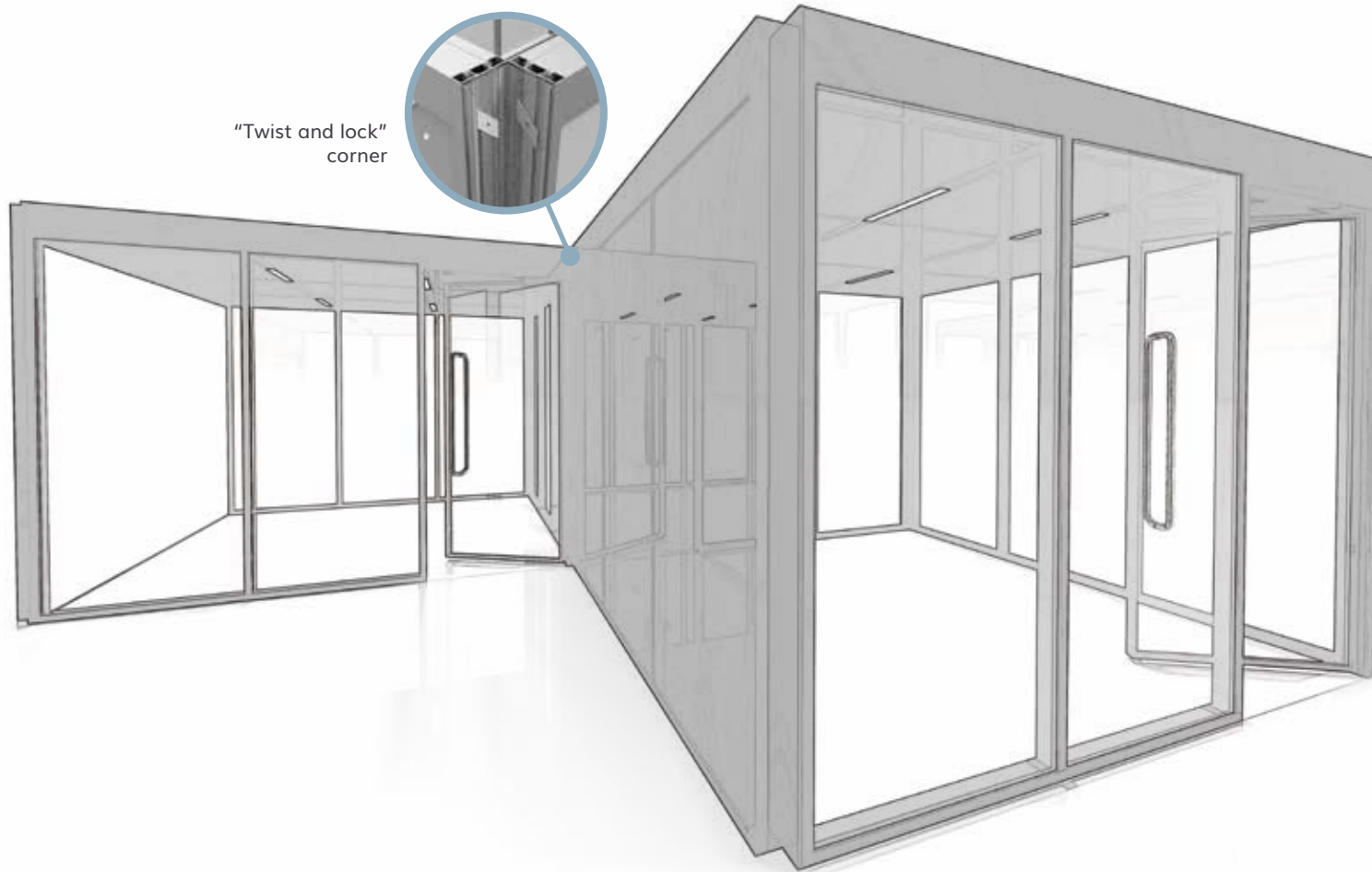
"Twist and lock" corner

As your business grows, your space can evolve. Create an interesting and imaginative collection of adaptable meeting rooms with our "twist and lock" functionality which connects the corners together or joins them side by side. Not only can you use each one uniquely but the spaces in-between form inspirational areas too. The Optima AMR is demountable so it can be taken down, moved or changed to suit new ways of working.

The modules which form the structures have been standardised and can therefore, be re-used to form new AMR's or neighbourhoods.
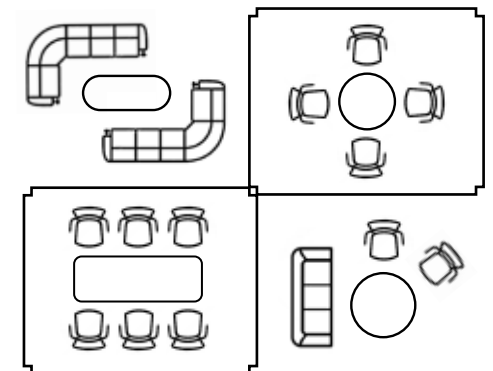
Lighting

The Running Magnet is the solution for a total fusion with architecture, achieved thanks to the integration of luminaires that can disappear inside the surfaces. Its magnetic installation offers an easy way to position the light in place. Regulation and controls are fully integrated into the smart technology which can be operated via an app on your phone.

An LED lighting scheme has been designed to maintain indirect illumination of 300-500 lux and is dimmable to 1% using smart controls. PIR is standard and the consumer box can be pre-wired adhering to the relevant certification. Occupancy controls are available via the smart controls. Emergency lighting is optional.

Anti bacterial lighting
Our adaptable meeting rooms can also be integrated with Fuzone500, an air and surface purification system that combines ultraviolet light and low levels of ozone to eliminate any viruses or bacteria. The UV sterilising lights can be set to come on when you leave the AMR, effectively cleaning all surfaces ready for the next meeting. The system removes up to 99% of all airborne bacteria, providing regular deep cleaning.

Acoustic information

Comfortable acoustics can make a working environment more effective and play an important role in employee well-being and efficiency. Our expertise in the effective design and installation of acoustic glazed partitioning has proved key to many successful projects and is freely available as part of our service. You might want to use the AMR to keep the background noise of a busy office out. Alternatively, you might need a private space where you can meet confidentially.

A choice of single and double glazed versions of the AMR are available with variations including a mixture of solid and glazed walls. AMR single glazed systems can achieve up to 38 Dnt,w and the double glazed AMR's can achieve up to 41 Dnt,w.

Integrated services

Smart technology
Our smart technology will be operated by mobile or tablet. Turning on the lights, controlling the temperature and even booking a room will all be possible depending on the level of integration to your Building Management System.

Plug and play
The Optima AMR is a freestanding product which can be positioned anywhere within your floor plan and seamlessly linked to your building services. A range of options are available from smart solutions to pre-constructed housings for power and data cables.

Life safety
Fire detection systems and PAVA can all be easily incorporated into the AMR.

Mains power connection
The mains power connections will be managed by a services panel which will include power, data, USB and HDMI options.

AV panels can accommodate a range of systems, yet to be defined, to include pre-wired and tested power and data connections.
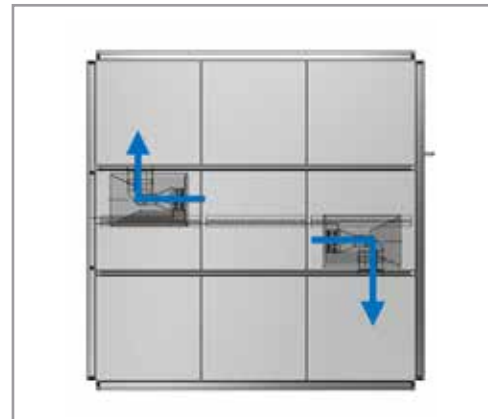
Ventilation (Patent Pending)
The dual fan unit allows air to flow continuously at a minimum rate of 32 litres per second. This ensures CO_2 in the AMR remains at a safe and optimal level. Swap the stuffy office and headaches for better concentration and increased productivity just by improving the air quality around you.

Environment

Sustainability | The AMR is designed with Sustainability in mind. The concept of the AMR is fully compatible with that of reuse and adaptable versatility. Not only can the AMR be moved around to facilitate changing internal space layout requirements, but the standardised and modular nature allows for easy replacement of component parts without damage and the ability to extend and enlarge as required. In this way the full lifetime environmental impact of cellular glass spaces is reduced, while providing an asset with a long-term lifespan.

The AMR is compatible with Sustainability Assessment schemes such as BREEAM, SKA, LEED and WELL, focussing on environmental impact, material responsible sourcing and waste reduction. The key materials of glass and aluminium are inherently non-VOC emitting including any powder-coat paint finish. The AMR is based on Optima products with Environmental Product Declarations demonstrating lifespan impacts from cradle-to-factory gate. At product end-of-life, all major components can be reused or recycled in line with Circular Economy principles, helping to minimise the embodied carbon of the product.

Installation

All components of the AMR will be standardised. We will hold fundamental configuration components in stock, making them available "off the shelf". Stock levels would be agreed to reduce any lead times, dependent on requirements. Standard lead time is 6-8 weeks.

Putting up, taking down and moving the AMR is easy if you know how. Our dedicated team of Project Managers and Site Managers understand how to consistently deliver exceptional customer service and the highest quality installations, on-time and within budget. Installation could be undertaken by 2-3 specially trained operatives who are appointed locally. We will provide training and documentation. No specialist equipment would be required.

Our patented clamping system aids the speed of assembly and relocation with the modularisation of the design key to this.

As the AMR does not have a floor and is freestanding, it is compatible with an under-floor displacement system. This also makes the AMR accessible to meet multiple needs.
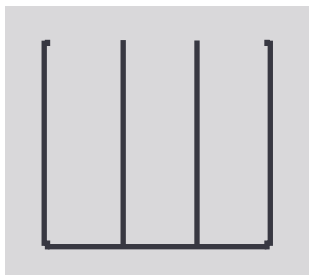
Step 1: the framework is constructed
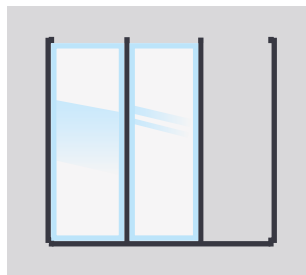
Step 2: glass or solid panels are inserted
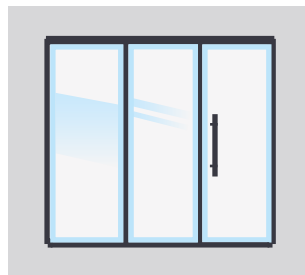
Step 3: the ceiling and door are added to complete the structure

Warranty, durability, maintenance

Optima Products Ltd warrants its products for a period of 10 years from date of supply for the durability of materials, surface properties and functionality.
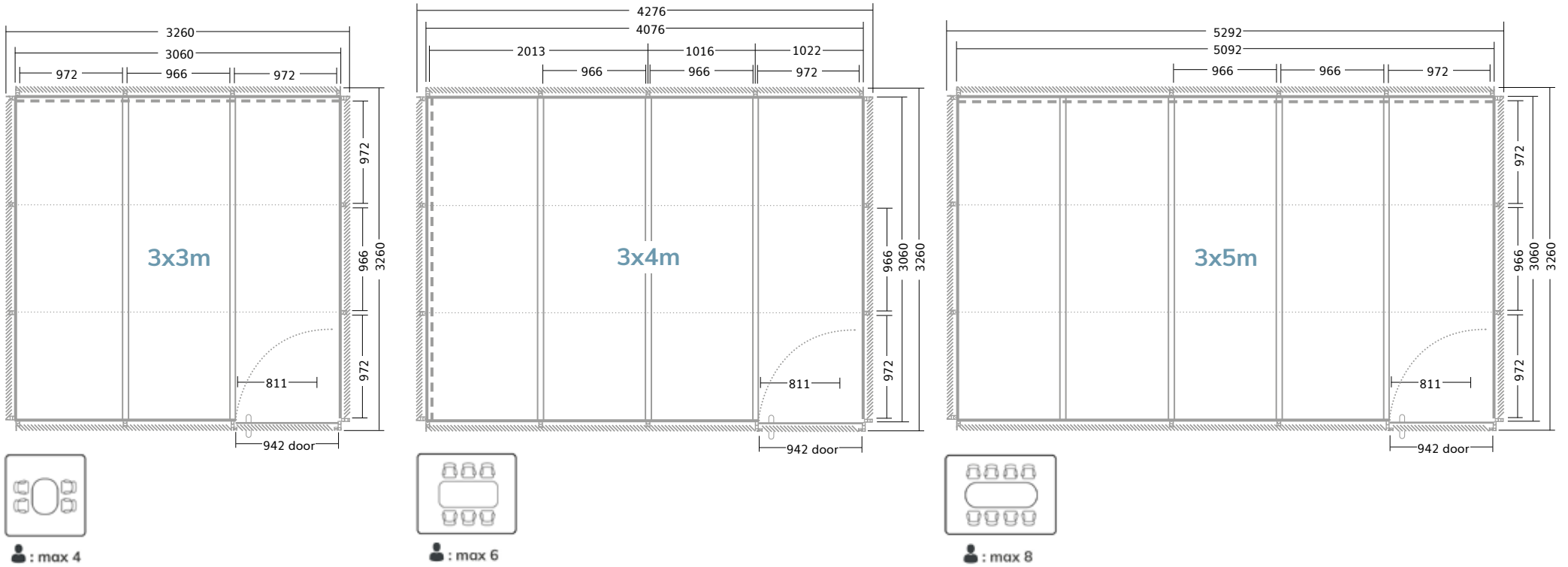
Solid partition elements have a potential useful life in excess of 25 years provided they are not subjected to undue impact, abrasion, distortion or load, and are regularly cleaned in accordance with our approved methodology.
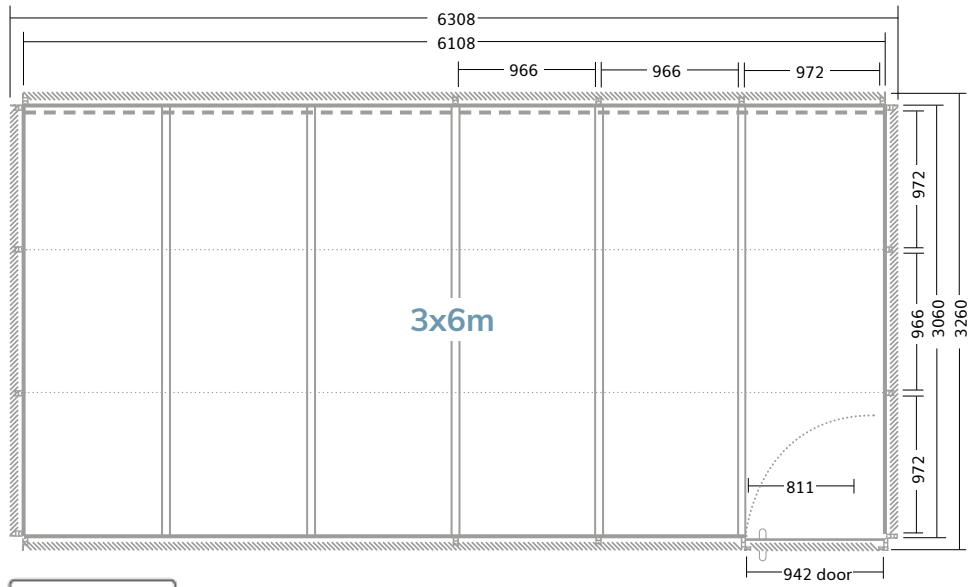
Glazed or solid door sets and Tech Panel elements have a potential useful life span in excess of 15 years provided they are not subjected to undue impact, abrasion, distortion or load, and are regularly cleaned and serviced in accordance with our approved methodology.

Take back scheme

Our brand-new initiative is designed to support our clients as well as giving us full control over the entire lifecycle of our products. We are now offering a full take back scheme for any Optima installed products. We will safely demount our products, separating them into principal material components, and return them to our UK manufacturing facility. Our team will then inspect the demounted products to establish if they are fit for reuse or repurposing on future projects. The demounted components will then re-join the circular economy, or we will segregate them ready for the appropriate recycling. Furthermore, the original suppliers will remove and collect the glass for recycling.
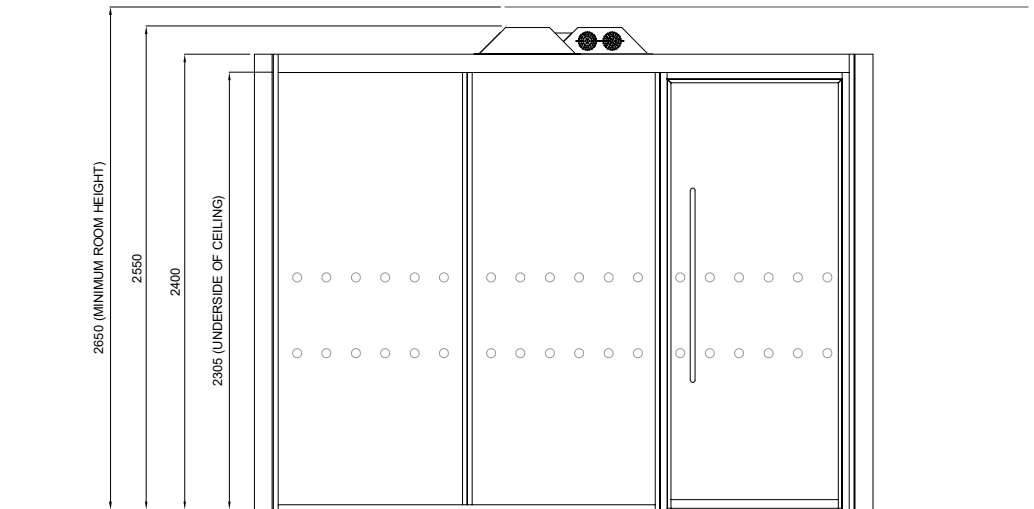
Sizing

3x3m

3260
3060
972 · 966 · 972
972
966
972
811
942 door

: max 4

3x4m

4276
4076
2013 · 1016 · 1022
966 · 966 · 972
966 · 3060 · 3260
972
811
942 door

: max 6

3x5m

5292
5092
966 · 966 · 972
972
966 · 3060 · 3260
972
811
942 door

: max 8

glass panel (nom. width - 988mm)
atrium light beam
solid panel (nom. width - 1012mm)

6308
6108
966   966   972
972
966
3060
3260
972

3x6m

811

942 door

2650 (MINIMUM ROOM HEIGHT)
2550
2400
2305 (UNDERSIDE OF CEILING)

AMR Front Elevation

: 8+

Optima

📞 01494 492600
OptimaSystems.com

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