



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 Adaptable Meeting Room (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 Optima AMR can accommodate a range of contemporary working methods.



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CONCENTRATE

PLUG & PLAY
NEIGHBOURHOODS

ESCAPE

SOCIALISE

MEET

CALL

DESIGN
ENERGISE

REFRESH

INNOVATE

INNOVATE

FOCUS

COLLABORATE

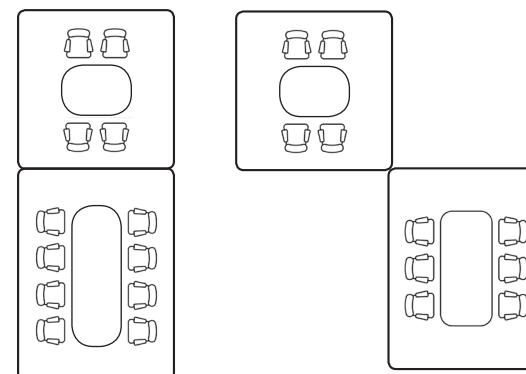
FOCUS



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 Crestron technology, the AMR is a connected smart 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

SOCIALISE

ENERGISE

DISCUSS

ESCAPE

MEET



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.

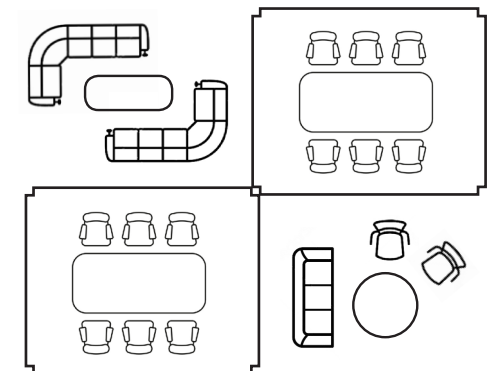
Evolving needs



"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.



Solid wall options



Industrial finish

If you're looking for a raw, unfinished, industrial style interior then we have various materials which will achieve this look. Utilitarian resources can be showcased to give a cultivated aesthetic. Natural components can form various parts of the interior.



Laminate panels (MFC)

Our range of laminate walls are available in various colours and wood effects. The acoustic qualities of the laminate wall will enhance your AMR and offer a suitably stable surface for mounting media screens and other equipment.



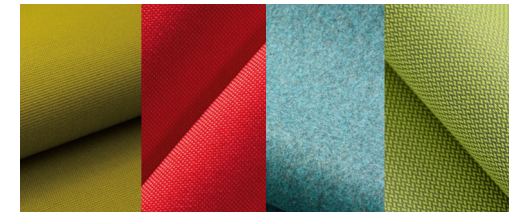
Eco panel

Eco panel is the original decorative interior panelling solution, with acoustic qualities and eco-innovation at its core. Eco panel reduces and controls reverberated noise in shared environments. It has a fabric-like finish, designed with dematerialisation in mind. There is no need to upholster, paint or protect it. Pioneering the war against single-use plastic, eco panel production uses post-consumer recycled PET bottles to create a superior upcycled product with a vast array of interior applications. Eco panel offers the largest colour palette on the market with a range of plain or patterned finishes.



Magnetic writable glass

Turn your wall into an inspirational canvas. The pioneering magnetic technology of Clarus redefines walls into functional dry-erase and "tack" friendly collaborative surfaces.



Pinnable fabric

Textiles play a fundamental role in how we perceive a space. Much more than just practicalities, they create atmosphere and complete the experience when we interact with the environment. The textiles used in these fabric panels come in a range of designs and colours as well as respecting environmental production methods.

Aesthetic details



Finishes

We have a wide selection of finishes that can be applied to any of the AMR frames. Individual powder-coated colours and textures introduce another dimension of individuality.

Joints

There are two options for the joints in the glass walls of the AMR. A mullion joint or a concealed glass to glass Nebula® joint is available depending on the aesthetics in your design.



Doors

The hugely popular Edge Symmetry door is a framed single or double glazed glass door which offers excellent acoustic performance. Chosen for the AMR because of its high level of acoustic privacy, Edge Symmetry can achieve a maximum rating of Rw41dB in its double glazed form.

Security

An optional sash lock and euro cylinder can be added to the door. Access control features can be subtly added into the framework to allow the electronic locking and unlocking of the door.



Manifestation

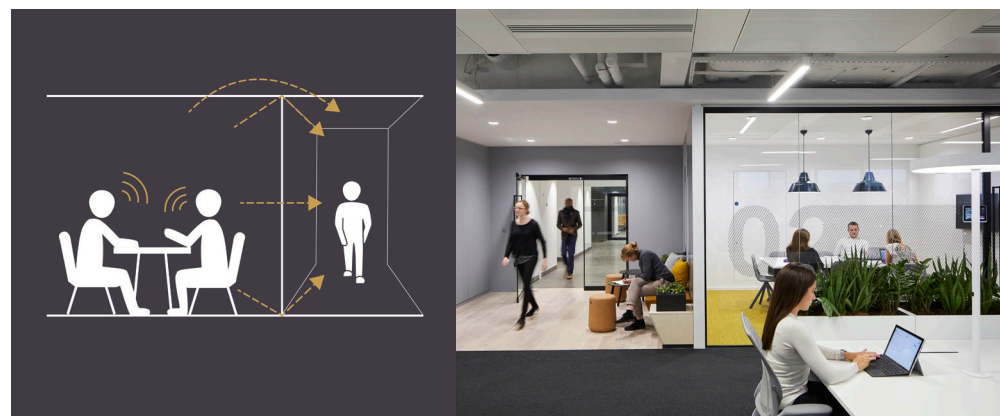
The glass sides of the AMR can be customised with applied film to suit your design. Whether it's just compliant manifestation or something more to suit your brand, the aesthetic of the AMR is adaptable.



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. Acoustics vary depending on the choice of material chosen for each wall. We've tested some of the combinations as a guide to the values which can be achieved.



AMR double glazed

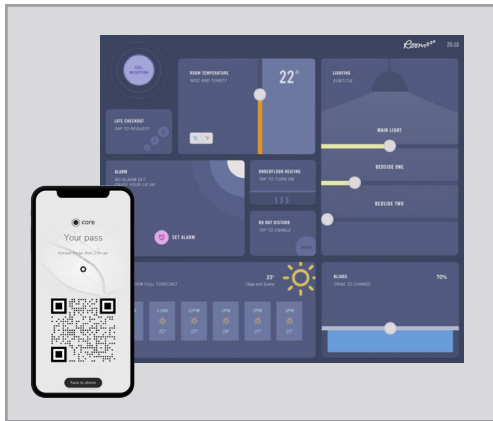
Wall types / values				Threshold Plate	Overall Dnt,w Rating*
Wall A	Wall B	Wall C	Wall D		
12.8mm DG with DG door	12.8mm DG	Oak MFC	Oak MFC	✘	38
37 Dnt,w	41 Dnt,w	39 Dnt,w	39 Dnt,w*		
12.8mm DG with DG door	12.8mm DG	Oak MFC	Oak MFC	✔	41
41 Dnt,w	43 Dnt,w	42 Dnt,w	41 Dnt,w*		
12.8mm DG with DG door	12.8mm DG	12.8mm DG	Oak MFC (with Insulation)	✔	41
41 Dnt,w	43 Dnt,w	42 Dnt,w	41 Dnt,w*		

AMR single glazed

Wall types / values				Threshold Plate	Overall Dnt,w Rating*
Wall A	Wall B	Wall C	Wall D		
10.8mm SG with SG door	10.8mm SG	Eco Panel	Oak MFC	✘	35
34 Dnt,w	38 Dnt,w	37 Dnt,w	39 Dnt,w*		
10.8mm SG with SG door	10.8mm SG	Oak MFC	Oak MFC	✔	38
38 Dnt,w	39 Dnt,w	39 Dnt,w	39 Dnt,w*		
10.8mm SG with SG door	10.8mm SG	10.8mm SG	Oak MFC (with Insulation)	✔	37
37 Dnt,w	38 Dnt,w	37 Dnt,w	37 Dnt,w*		

Notes: Glass tested on: double glazed option - 12.8mm acoustic laminate, single glazed option - 10.8mm acoustic laminate. Sound Insulation to BS EN ISO 10140 - 2 and ISO 717-1.
 Key: DG - double glazed, SG - single glazed, MFC - melamine faced chipboard,
 Dnt,w - acoustic performance of a particular structure, *estimated value

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.



Bespoke 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.

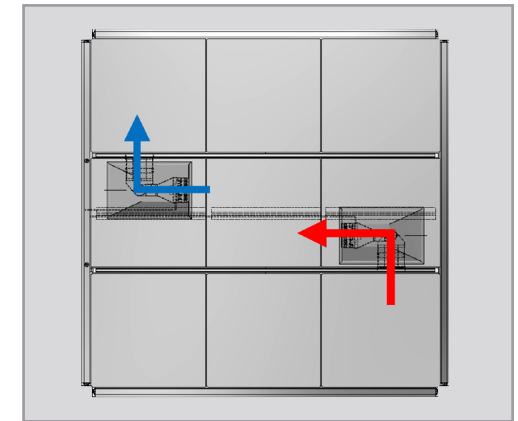
An LED lighting scheme has been designed to maintain indirect illumination of 300-500 lux and is dimmable to 1% using smart controls. PIR is standard and the consumer box can be pre-wired adhering to the relevant certification. Occupancy controls are available via the smart controls. Emergency lighting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



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 CO₂ in the AMR remains at a safe and optimal level.



Environment



ISO 14001: 2015

With environmental management being a key focus of ours, we strive to continually improve our processes and have a positive impact on the world around us.



ISO 9001: 2015

Our offices and manufacturing sites operate a third-party approved ISO 9001 Quality Management System (QMS). We have undergone a process of identifying our key quality areas; setting objectives and developing actions to continually address and improve the quality of our product.



ISO 45001: 2018

Through our work on this standard we proactively provide a framework to increase safety, reduce workplace risks and enhance health and well-being at work.

FSC®

We believe in the responsible sourcing of materials. In line with our company policy, all timber used in our products is sourced solely from FSC® (Forest Stewardship Council) certified suppliers with full Chain of Custody. Our manufacturing facility is also FSC® certified ensuring every product installation can be traced back to responsibly managed forests.



Optima Products

Sustainability

We are dedicated to uncovering and utilising the most sustainable solutions, processes and methods available. In doing so, we hope to reduce our impact on the environment. We strive for the ability to sustain and the capacity to endure. Our future needs to focus on how we produce and consume, and the very ways in which we define and measure value and progress.

The UK's prime built-environment sustainability scheme, BREEAM has grown into the most widely used certification for assessing the sustainability of building construction and fit-outs. Addressing key categories such as Materials, Health & Well-being and Waste, BREEAM aims to mitigate the life cycle of buildings on the environment.



LEED is the environmental assessment standard operated by the US Green Building Council (USGBC). Considering materials, resources and indoor environmental quality, it seeks to improve a building's environmental performance. Our project with Walls to Workstations for Twitter in Dublin contributed to a LEED Platinum rating.



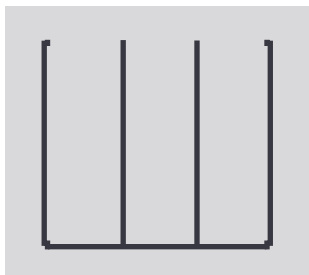
Installation

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.

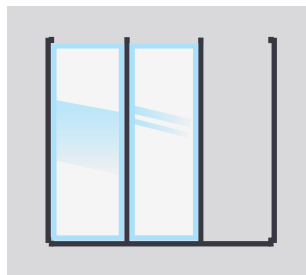
Putting up, taking down and moving the AMR is easy if you know how. Our dedicated team of Project Managers and Site Managers understand how to consistently deliver exceptional customer service and the highest quality installations, on-time and within budget. Installation could be undertaken by 2-3 specially 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.

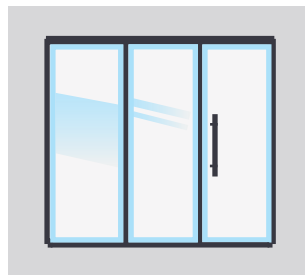
As the AMR does not have a floor and is freestanding, it is compatible with an under-floor displacement system. This also makes the AMR accessible to meet multiple needs.



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

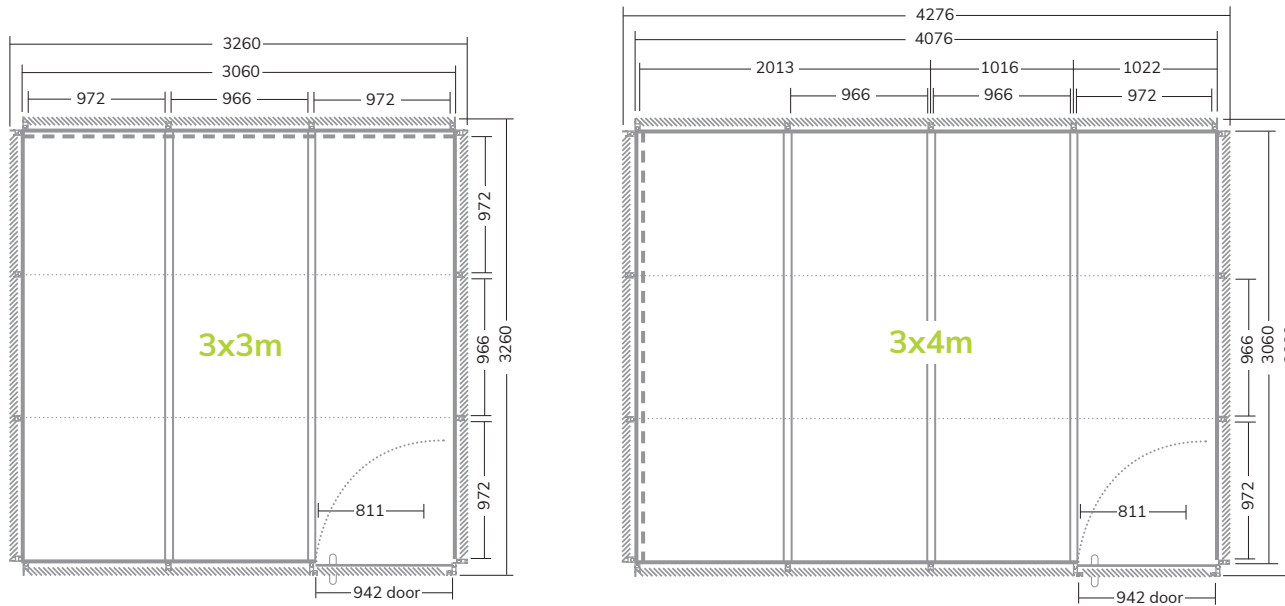
Warranty, durability, maintenance




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.

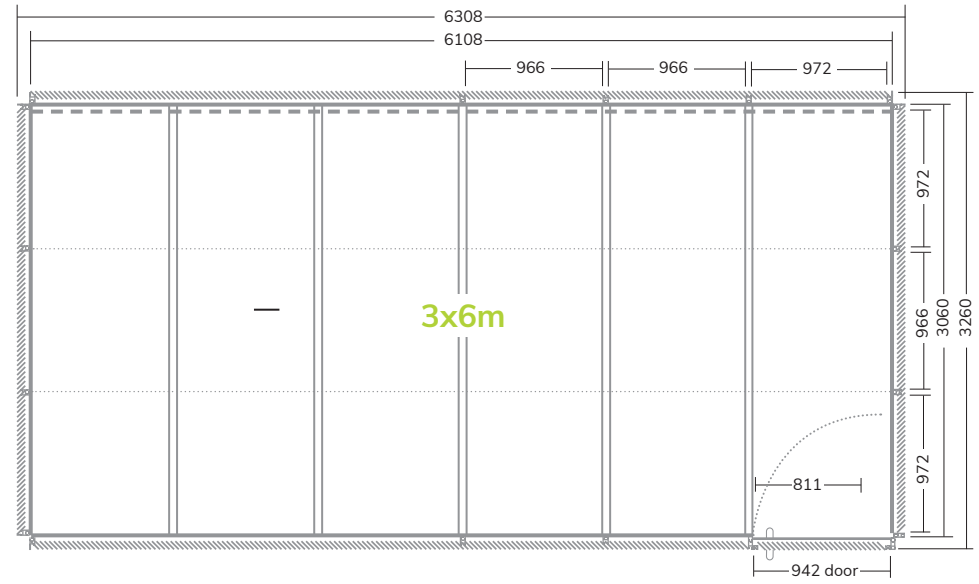
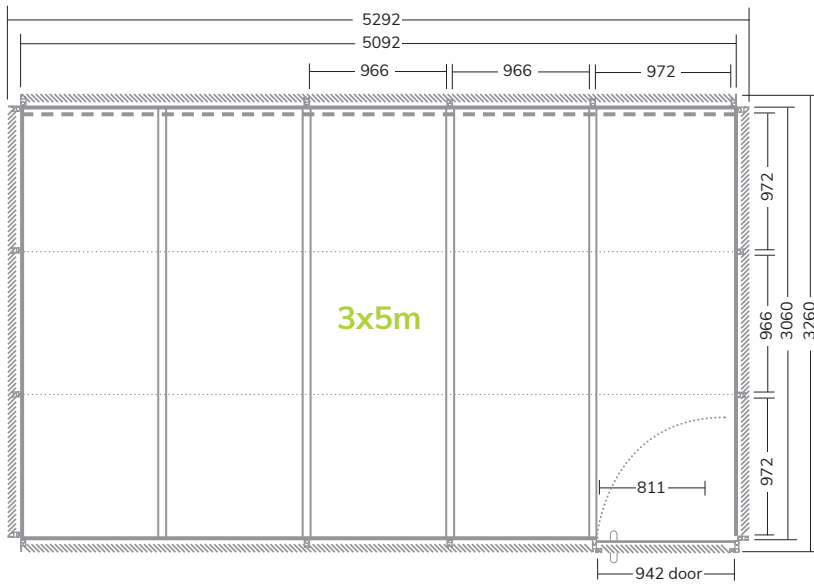
Solid partition elements have a potential useful life in excess of 25 years provided they are not subjected to undue impact, abrasion, distortion or load, and are regularly cleaned in accordance with our approved methodology.

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.

Sizing









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





Optima

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