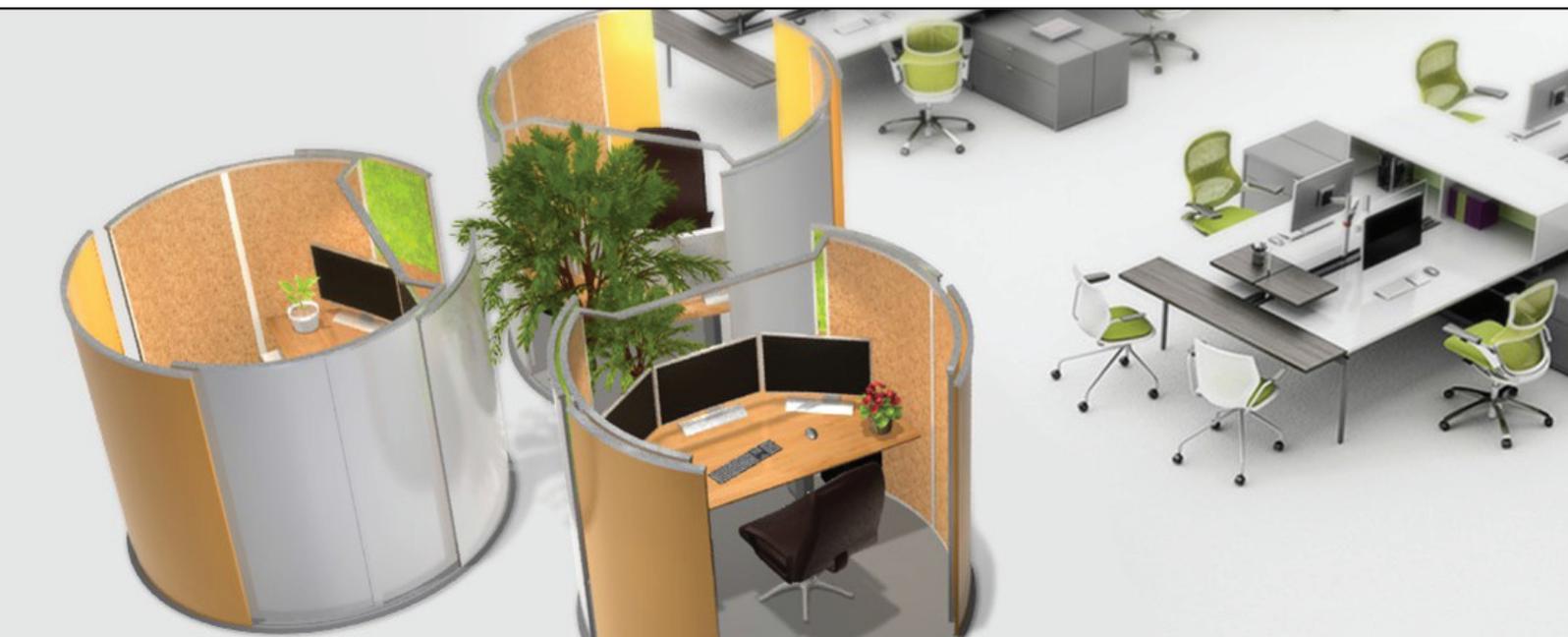


OFFICE SHELL



isolation and concentration in an open plan environment

OFFICE SHELL by DizzConcept

The **Office Shell** is our recent concept, the aim of which has originally been to address the well documented shortcomings of omnipresent open plan offices. These shortcomings have been thoroughly researched; all of this research, conducted on large samples of workforce employed in open-plan offices throughout the world, pointed at the same problems.

The **lack of isolation and privacy**, coupled with the crowded and noisy nature of the open plan office, leads to diminished returns from space savings the open plan office offers, mostly due to decreased productivity of workers who find it difficult to focus in such an environment.

The **COVID-19 pandemic** has highlighted another reason why the ability of workers to isolate themselves in the workplace is crucial - physical barriers for employees make the spreading of various infectious diseases much harder.

Current solutions on the market are either acoustic barriers, or large and bulky booths which take too much space to solve the problem efficiently for many workers. The Office Shell, in contrast, is a much more compact system, taking up less than 4 m² enclosing a single workspace in a cylindrical booth with sliding doors.



Isolated micro-environment protects against disease

A fact the entire world is acutely aware of right now is the ease with which various infectious diseases can spread in crowded spaces - the value of social distancing and isolation has never been higher. Open plan offices are spaces particularly vulnerable to the spread of infection agents. Acoustic barriers offer no protection against this, and leave worker's health at risk should an infected person arrive at their place of work.

The Office Shell provides a physical barrier that protects the worker inside against any infectious agents, as well as helps with social distancing even if the sliding doors are open. It doesn't achieve this only with providing a physical barrier and distance, but also by creating a micro-climate environment inside which workers can use devices such as micro air coolers and air moisturizers to create a healthy environment. Inside the large space of an open-plan office it is very easy for the air to dry out, which in turn leads to the drying of the worker's breathing pathways, making the risk of infection greater by eliminating the body's natural defense against infectious agents. A worker that has the ability to work in a smaller, enclosed environment equipped with an air moisturizer is, we believe, much less likely to contract a disease in the workplace.

Another important factor is the longevity of viruses on various different surfaces; recent research shows that, for example, **COVID-19 can survive longest on metal, glass and plastic.** By using all-natural materials such as wood and cork, the Office Shell provides a much less hospitable environment for viruses to survive in on their own.



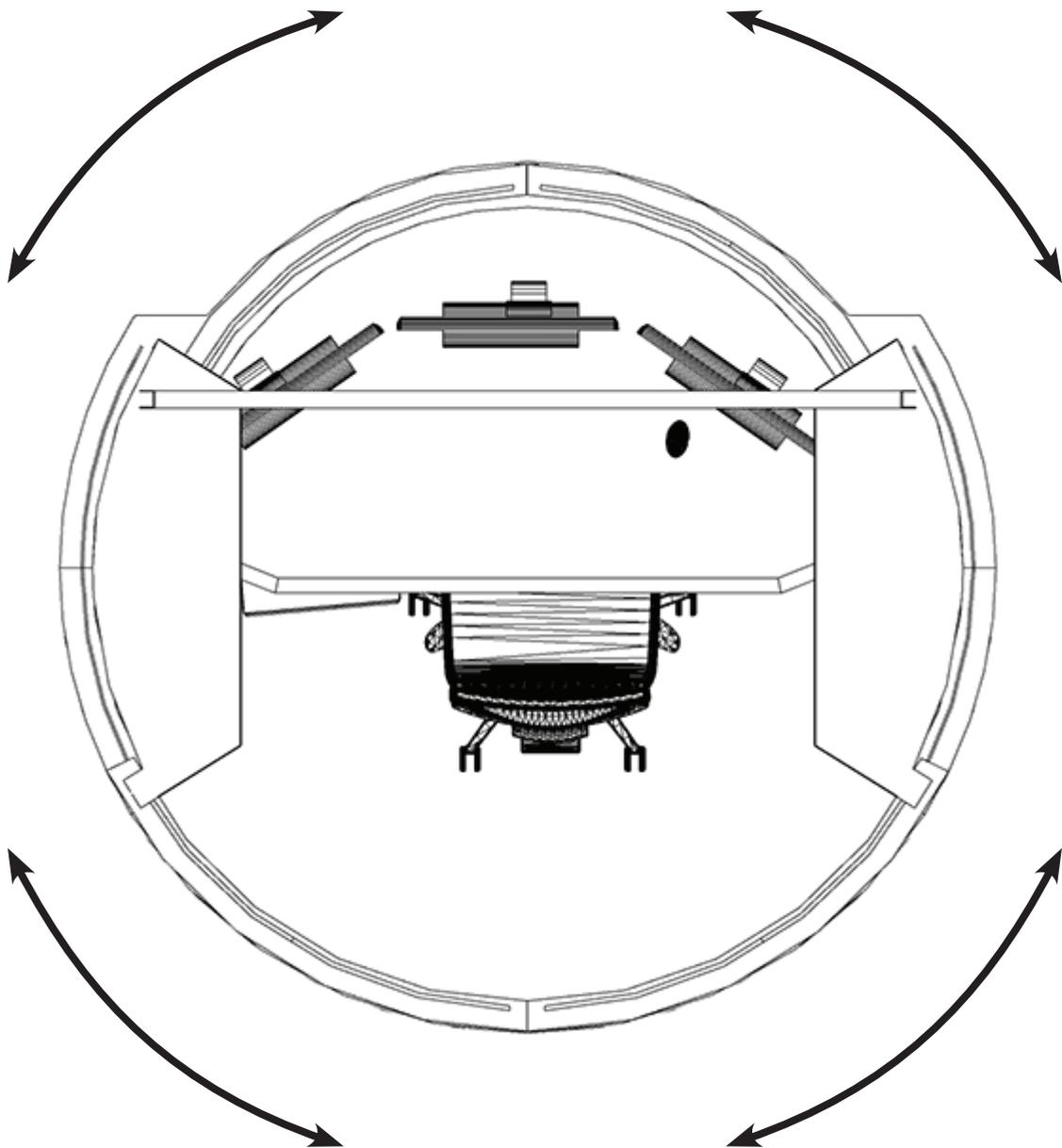
How does it work?

The **OFFICE SHELL** aims to keep most advantages of open-plan offices while attempting to eliminate their most glaring downsides. It allows the individual to set themselves apart from their environment, as well as easily opening up to it, according to their needs of the moment.

It is a small cylindrical system that encloses a single work space.

An innovative system of sliding barriers made of all-natural materials is combined with fixed segments, and allows for easy isolation as well as integration into the office environment as needed. Inside the unit is a custom-shaped height-adjustable desk which offers additional modes of usability.

Interior lighting is achieved through LED strips mounted on top of the unit. The rear doors serve as an ingress-egress point, while the function of the forward doors is akin to that of a window - the worker can choose to open or close it depending on the view in front of the unit; we recommend groups of four Office Shell units facing towards each other, with plants placed between the units.



Sound proofing on the sides of the cylinder provides partial protection from ambient noise.

The arrangement of specifically designed systems of shelves, drawers and motorised height-adjustable desks will allow an employee to easily configure their working environment on the fly according to their current needs.

Direct communication among employees is still easily achieved by opening the shell, and the ability to isolate into your own personalized workspace, with your own sound damping, micro-climate and most of the benefits of a classic office, can solve the aforementioned problems of falling productivity in open spaces as well as help protect against infectious diseases.

Although, OFFICE SHELL does not offer total sound isolation, it lowers the ambient noise below 55 decibels, which The German Association of Engineers sets as the noise standard requirement for what they term as "mainly intellectual work".

OFFICE SHELL is suitable for use in new or existing offices and it can be combined with conventional office furniture. Assembling or disassembling a unit takes less than 20 minutes. Therefore it is suitable for short-term rentals - for project purposes or the like. Time-sharing is possible within larger companies.

