CleanScreen

PRIVACY SCREENS FOR **INFECTION CONTROL**



Infection prevention by design

nöjerm

Innovation for infection control

PRIVACY SCREENS FOR INFECTION CONTROL **CLEANSCREEN**

Addressing infection

Infection Control

With the increasing global threat of 'new' pathogens, such as Covid-19, Ebola, and Monkeypox and the rise of hospital acquired infections (now the third leading cause of death in the US), there has never been a greater focus on infection control.

Our original and innovative CleanScreen is designed to minimise the survival and transmission of pathogens while also being flexible for use in many different environments.

Multi-drug resistant bacteria and viruses are not a new phenomenon. Records as early as 1950 show there was a fear that some bacteria could become resistant to antibiotics.

Hospital acquired infections, some of them now known as 'superbugs', have become far more prevalent over the past 20 years (some 1 in 25 patients in the US will contract one - statistics in the UK and Europe would be similar). Over this time, more and more attention has been paid to methods of eradicating the risk of these infections taking hold.

A UNIQUE APPROACH

However, even today, Nojerm is unique in prioritising the issue of infection control and developing our best-in-class privacy solution by designing out impossible-to-clean surfaces.

With Nojerm's innovative CleanScreen, you are guaranteed significantly less chance of bacteria taking hold in the first place.

Cleaning is also easier, with all parts of the screen easily accessible, so any bacteria that do start to colonise can less easily survive.

CLEANSCREEN PUTS INFECTION CONTROL FIRST

Privacy screens are essential to ensure safety, dignity, and comfort for patients but for years infection control has been an added benefit.
Nojerm has turned this approach on its head, designing and manufacturing the CleanScreen with infection control as a leading requirement.

All surfaces are smooth and completely accessible, with no seams or joints, significantly reducing the opportunity for bacteria to be missed during cleaning.

And some versions of the CleanScreen are manufactured with an added anti-bacterial agent mixed with the polymer to give a permanent germ-killing presence.

CleanScreen is unique in many ways. Aesthetically designed and available in a range of colours, these robust screens are modular, allowing for the ultimate flexibility as well as use during extraordinary situations, such as temporary wards.

They are built with our unique and distinctive design hinge, which has just two connection points to create minimal joints between panels.

CleanScreen reaches to within 10cm of the floor and extends to just under two metres in height, providing the maximum physical barrier (against infection) available on today's market. Finally, the mobile design ensures easy manoeuvring, with an ergonomic handle and medical grade castors.

This high top and low drop gives unrivalled privacy in situations such as incident containment with people on the floor.



CLEANSCREEN IS THE SAFEST PRIVACY SCREEN ON THE MARKET BECAUSE IT:

- **has smooth surfaces with less opportunity for bacteria to colonise**
- **provides 100% accessibility for cleaning with no hidden crevices or joins**
- **is impregnated with an anti-bacterial property available with some versions to give a high level of permanent protection**
- **comes as a wall or trolley mounted version**
- **is modular, providing adaptable length and easy repair or replacement**

BENEFITS OF CLEANSCREEN

Multiple Benefits

Infection Control Built In

With infection control now critical in everyday life within hospitals and other workspaces, using CleanScreen will mean you offer your clients and patients a best-in-class solution.



SMOOTH, HYGIENIC MATERIALS
A complete lack of fabric-like texture and the absence of any seams or joins on the screens means bacteria cannot be harboured, in contrast to curtains or other fabric or textured materials.

BUILT-IN CONTROL
Where required, we use proven Silver Ion anti-bacterial technology as part of the manufacturing process, meaning our screens have a permanent level of protection against most gram-positive and gram-negative bacteria.

MINIMAL CONTACT JOINTS
Our patented hinge design (GB2540765) has just two connection points, which provides many benefits.

It allows complete access for cleaning and has no seams or joins for bacteria to colonise, while affording privacy to your patients.

SAFE AND FLEXIBLE
Easy to wall-mount and without the need for any replacement parts, CleanScreen means no more health and safety risks associated with curtain replacement. Its modular design allows adaptability for many privacy or infection control scenarios, whether temporary or permanent.

MAXIMUM PHYSICAL BARRIER
In addition to infection control and ease of cleaning, the CleanScreen also extends to a larger size than any other privacy screen on the market. Starting from less than 10cm above the floor, it reaches nearly two metres in height.

AESTHETICALLY PLEASING
Our wave-form profile, available in a range of colours, creates a soft visual presentation and CleanScreen also limits light glare.

WATERPROOF & DURABLE
CleanScreen is 100% waterproof and made from a tough durable material that will withstand impact knocks.

RECYCLABLE
Our latest polyethylene version of CleanScreen is made from recyclable materials.

COST SAVING
CleanScreens are manufactured to last, with no requirement for regular replacement like curtains.

CleanScreen fixes to the wall with two small, simple brackets, removing the need for integrated tracking.

THE SCIENCE BEHIND **NOJERM'S CLEANSCREEN**

Scientific Benefits

HAIs including superbugs are thought to be costing the US alone up to $30bn a year

HOW THE SCIENCE WORKS

It is a fact of life that disease-causing pathogens – bacteria, viruses, spores, mould – exist all around us. In medical settings particularly, the incidence of hospital acquired infections (HAIs) is a steadily increasing risk factor, thought to be costing the US alone up to $30bn a year.

These pathogens kill approximately the same number of people as AIDS, breast cancer and motor accidents combined.

The problem with these pathogens is that they are invisible to the human eye. *Pic. 1*

HOW CAN CLEANSCREEN HELP?

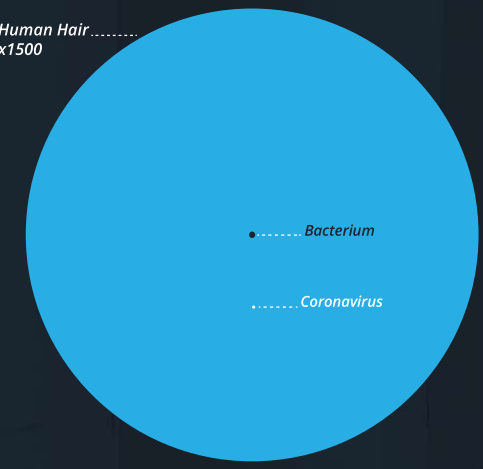
CleanScreen has several features which help reduce and control the problems caused by these pathogens.

1 Firstly, our screens are manufactured from smooth polyethylene with no joins or seams, discouraging these miniscule enemies from taking hold in the first place. *Pic.2*

2 Secondly, where CleanScreen is manufactured with an anti-bacterial additive, based on proven Silver Ion technology, this provides integral designed-in protection within the material which will not wear off over time.

3 Thirdly, CleanScreen is easily decontaminated by cleaning as every part of the screen is fully accessible. Materials are also much less reactive to cleaning agents, minimising the risk of degradation over time.

RELATIVE SIZE OF BUGS *Pic. 1*



CONTAMINATED CURTAIN SURFACES *VERSUS*
DESTRUCTION OF PATHOGEN ON CLEANSCREEN WITH ANTI-BACTERIAL PROPERTIES *Pic. 2*



CLEANING AND THE **CLEANSCREEN**

Thorough Cleaning

CLEANING IS EASY

We can never completely remove the presence of pathogens from any environment, but cleaning is key to keeping them at a manageable level and minimising infection spread.

We therefore need to minimise the risk of contamination - and recontamination - on surfaces and then make those surfaces as easy to clean as possible by removing the presence of inaccessible or 'germ-friendly' areas such as crevices, joints or seams.

The Nojerm CleanScreen is a best-in-class solution for hospitals and other medical establishments due to its many original features, all of which put ease of cleaning, for the purposes of infection control, at the heart of its design.

CLEANING FEATURES

- Lack of textured surface makes it harder for germs to hide
- Absence of seams and joints removes high risk germ colonisation opportunities
- Use of anti-bacterial additive,where specified, provides a level of permanent protection. NB: Available on some versions only
- 100% accessibility to all parts of the screen for maximum decontamination when cleaning
- Option to completely dismantle for thorough terminal cleaning
- Manufactured using materials resistant to degradation from cleaning chemicals





SILVER ION **ANTI-BACTERIAL TECHNOLOGY**

We use proven Silver Ion technology and compound this into the polymer raw material prior to moulding ensuring an integral anti-bacterial efficacy throughout the product. Cleaning and surface wear will not remove it.

Nojerm has added this effective and trusted anti-bacterial protection to our CleanScreen ensuring:

- fast, effective anti-bacterial protection for the lifetime of the product
- clean and hygienic surfaces with a reduced risk of cross-contamination
- 24-hour protection against many harmful microbes
- protection which doesn't wear off or leach out

OPTIONS FOR CLEANSCREEN

Mounting, colour and dimensions

WALL MOUNTED OR MOBILE

CleanScreen is available as wall mounted or mobile, while the system is modular so that the panels can be re-configured to suit any application. You can build up a set to the length you want, and lengthen or shorten it later.

The wall-mounted option is quickly installed using two small brackets.

The mobile design enables it to be moved around from room-to-room. It includes an ergonomic handle and medical grade castors making manoeuvring easy.





STANDARD COLOURS

IVORY

AQUA GREEN

OCEAN BLUE

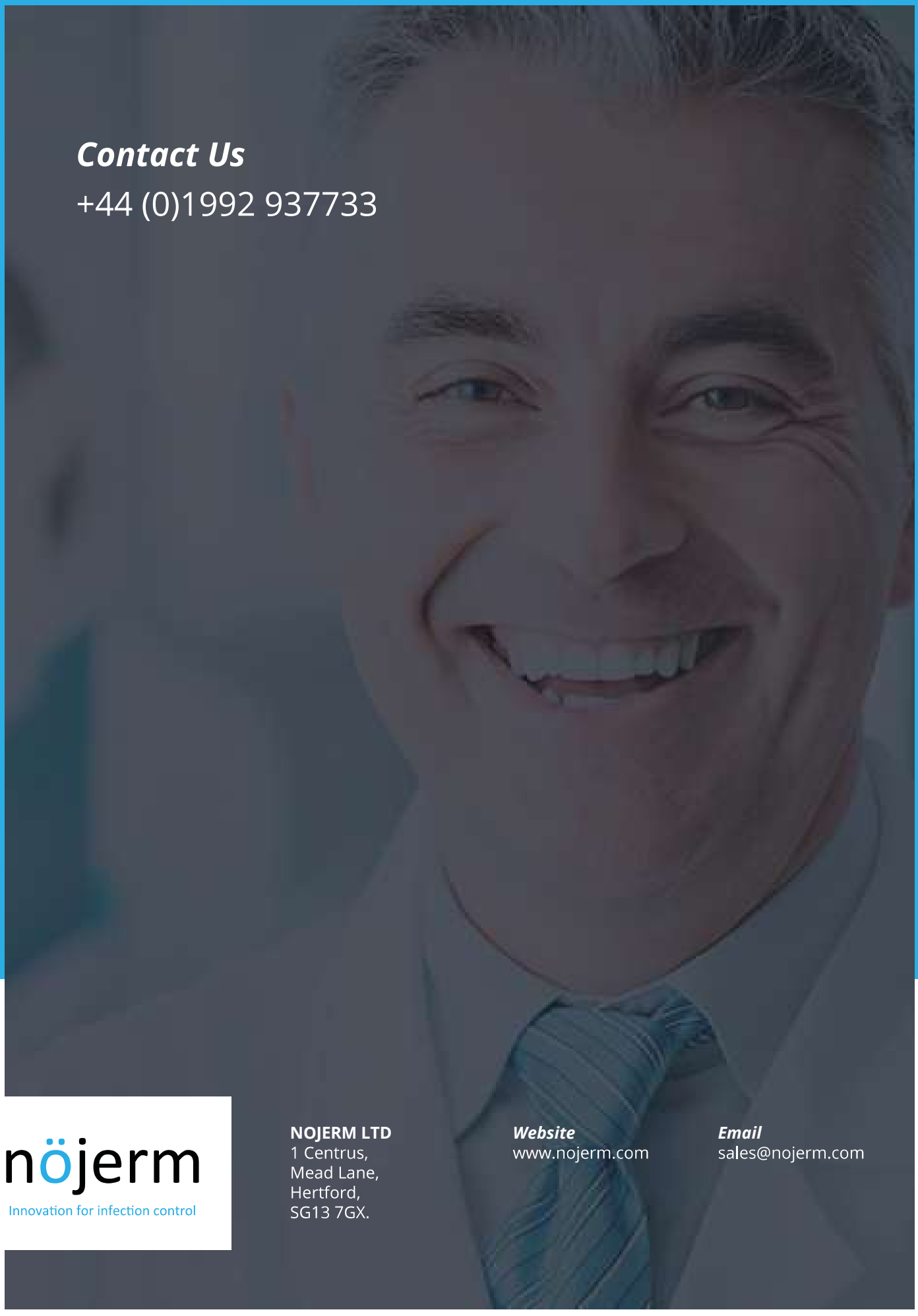
STANDARD SIZES - WALL MOUNTED

No. of Panels	Part no. (Ivory)	Part no. (Ocean Blue)	Part no. (Aqua Green)	Part no. (Anti-Bac Blue)	Screen length inc. fixing (mm)	Screen height inc. Castors (mm)
3	CS-03-184W(IV)	CS-03-184W(OB)	CS-03-184W(AG)	CS-03-184W(STET)	1,070	1,900
5	CS-05-184W(IV)	CS-05-184W(OB)	CS-05-184W(AG)	CS-05-184W(STET)	1,720	1,900
7	CS-07-184W(IV)	CS-07-184W(OB)	CS-07-184W(AG)	CS-07-184W(STET)	2,370	1,900
9	CS-09-184W(IV)	CS-09-184W(OB)	CS-09-184W(AG)	CS-09-184W(STET)	3,020	1,900
11	CS-11-184W(IV)	CS-11-184W(OB)	CS-11-184W(AG)	CS-11-184W(STET)	3,670	1,900
13	CS-13-184W(IV)	CS-13-184W(OB)	CS-13-184W(AG)	CS-13-184W(STET)	4,320	1,900

STANDARD SIZES - MOBILE

No. of Panels	Part no. (Ivory)	Part no. (Ocean Blue)	Part no. (Aqua Green)	Part no. (Anti-Bac Blue)	Screen length inc. fixing (mm)	Screen height inc. Castors (mm)
4	CS-04-184M(IV)	CS-04-184M(OB)	CS-04-184M(AG)	CS-04-184M(STET)	1,220	1,900
6	CS-06-184M(IV)	CS-06-184M(OB)	CS-06-184M(AG)	CS-06-184M(STET)	1,870	1,900
8	CS-08-184M(IV)	CS-08-184M(OB)	CS-08-184M(AG)	CS-08-184M(STET)	2,520	1,900
10	CS-10-184M(IV)	CS-10-184M(OB)	CS-10-184M(AG)	CS-10-184M(STET)	3,170	1,900
12	CS-12-184M(IV)	CS-12-184M(OB)	CS-12-184M(AG)	CS-12-184M(STET)	3,820	1,900
14	CS-14-184M(IV)	CS-14-184M(OB)	CS-14-184M(AG)	CS-14-184M(STET)	4,470	1,900

These tables show standard CleanScreen sizes in 650mm length increments. CleanScreen is also available in increments of 325mm if required.



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