



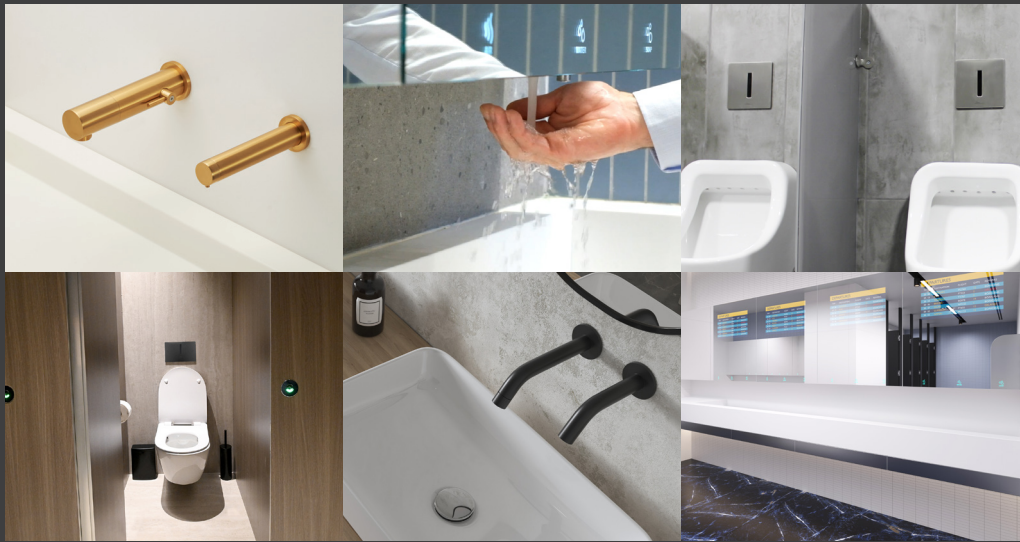
stern

TOUCHLESS WC CUBICLES
WITH OCCUPANCY INDICATOR

Stern’s Executive Touchless WC Cubicles

Since 1989, Stern - one of the pioneers in touchless sanitary products for public toilets has been producing touchless faucets, soap dispensers, flush valves, and hand dryers. But what about the contact applied to open the door of the WC cubicles?

Now you can ensure optimal surface hygiene and minimize the risk of cross-contamination, using Stern’s touchless bathroom cubicles.



- Optimizing Surface Hygiene and Minimizing the Risk of Cross Contamination
- Quick & Easy Installation
- Intuitive and Simple to Use
- Safe and Reliable
- Minimal Maintenance and Failure-Free



INDEX

HPL Cubicles and Doors Manufacturer	2
Why Choose HPL?	3
Product at a Glance	4
Technical Specifications	5
Key Features	6-7
Touchless Cubicle Configurations	8-9
Product Guide	10
Stern’s Differential Advantages	12-13
Janitorial version for Restricted Areas	14
References	16



Stern specializes in designing and manufacturing HPL cubicles and doors in its own facilities, adhering to stringent manufacturing and quality standards. Our high-quality HPL products come in a variety of colors and feature touchless operation.

When it comes to washroom cubicles, there are numerous options available in the market. However, High-Pressure Laminate (HPL) stands out due to its unique features. HPL is created by fusing layers of Kraft paper, resin, decorative paper, and a transparent overlay at high temperature and pressure. The resulting composite sheet is highly durable and stable. Here are the reasons why HPL is the preferred choice for washroom cubicles:

DURABILITY

HPL cubicles are robust, durable, and resistant to impact and abrasions. With its scratch-resistant properties, HPL maintains its glossy finish for an extended period compared to other materials. This makes it an ideal option for commercial restrooms with high user traffic.

FLOOR-TO-CEILING AESTHETICS AND PRIVACY

Stern's floor-to-ceiling toilet cubicles offer a polished appearance, adding a modern finish to any space. Along with providing privacy, they bring an executive style and a high-end look to public toilets.

HYGIENIC

High-Pressure Laminate exhibits high resistance to stains and possesses antibacterial properties, making it perfect for commercial restrooms. It promotes good hygiene and helps control the spread of disease-causing pathogens.

EASY MAINTENANCE

HPL is naturally resistant to water, steam, chemicals, and cigarette damage, making it suitable for wet environments. When it comes to maintenance, HPL is hassle-free. Its stain-resistant surface can be effortlessly cleaned with water or mild household cleaning solutions.



Product at a Glance



DESCRIPTION

Fully integrated access system that offers door control from the exterior and interior of the cubicle using hand proximity sensors. The sensor and LED indicator mechanism on the exterior of the system resembles a standard door lock. On the interior of the door, the sensor and LED indicator mechanism appear as a regular circular handle. The system runs using 15 volt electrical power using a transformer from the main power source for up to 4 cubicles together. Wiring happens during manufacturing, no wiring is requiring during the installation.

- Floor-to-ceiling 42mm-thick HPL.
- Unique design that supports structural integrity and endurance.
- Seamless partitions for a smooth, clean appearance with minimal seams.
- High-quality hinges in black or anodized satin.
- Anodized satin or black aluminum profiles.
- Full chrome plated brass opening mechanism.
- Available in a variety of colors.

QUICK & EASY INSTALLATION

- Maximum precision: A spacer beam eliminates measuring errors.
- Wiring happens during manufacturing, no wiring required on location
- Installation is independent of contractor preparation.
- Installation is independent of ceiling construction and requires no additional ceiling reinforcements.

MAXIMUM STRUCTURAL STABILITY

Although product is floor to ceiling, to give maximum privacy, actually the construction doesn't require any fixtures to the ceiling, meaning that the ceiling doesn't have to be reinforced.

Technical Specifications

- A unique design that ensures structural integrity and endurance.
- Sensor lights are mounted to the handles.
- Simple and easily accessible components for efficient and smooth maintenance.
- 5 Years warranty

FLOOR-TO-CEILING CUBICLE

- Up to 3000mm cubicle height
- Up to 1500mm cubicle depth

DOORS AND DIVIDERS/PARTITIONS

- 42 mm thick

DOOR CLEARANCE

- 7.5mm from the floor and 7.5mm from the top cover Pilasters

PILASTERS

- Up to 3M

FRAME

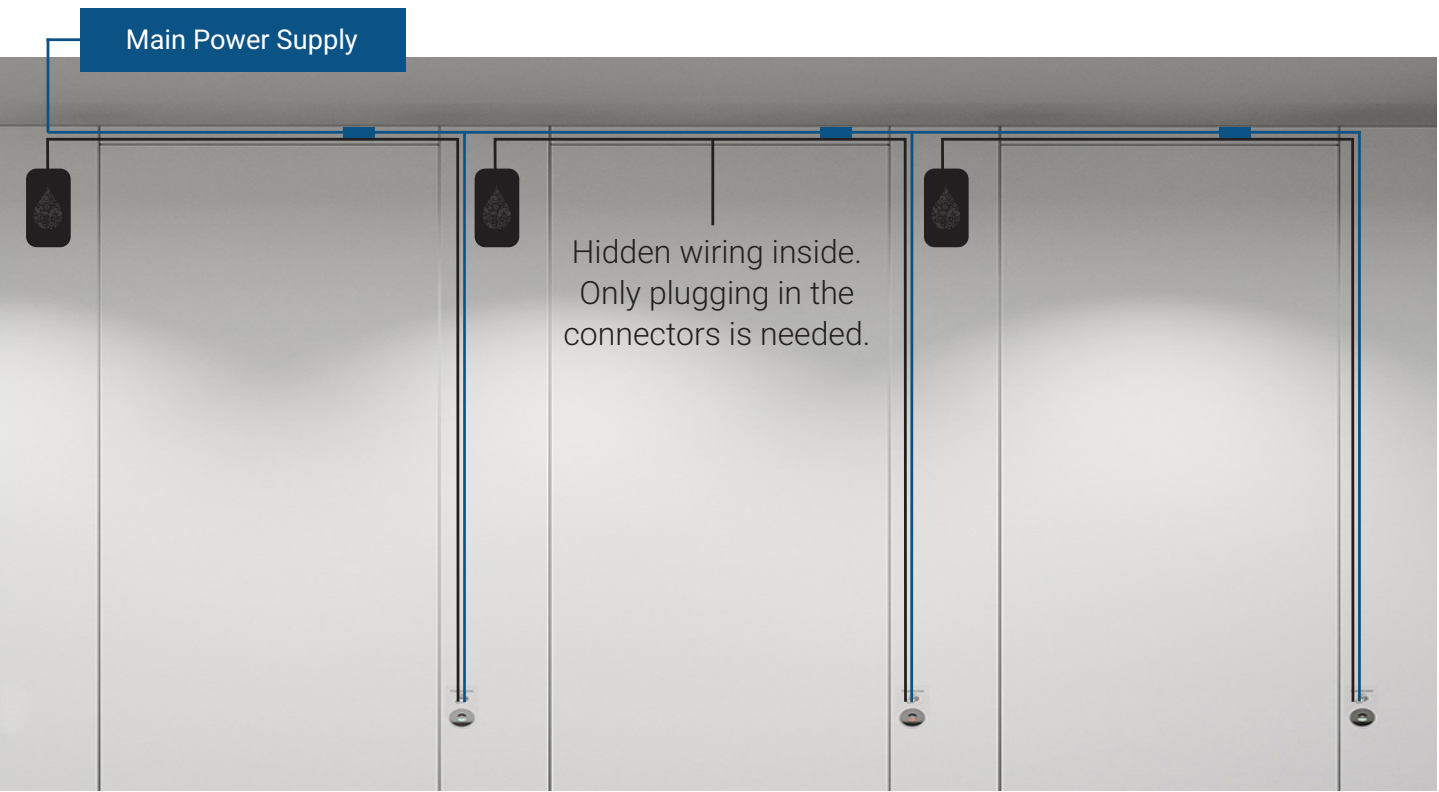
- Anodized aluminum 6063 with 3mm HPL on both sides

HANDLES

- Chrome plated brass. Other finishes available.

POWER SOURCE

- Transformer from the main power source, the system runs on 15 volts of electrical power for up to four cubicles at once.
- All wiring is done during the manufacturing process.
- No additional wiring is required during the installation process.



This drawing is for illustration purposes only. Inside the cubicle look

STERN'S SIGNATURE HPL COLORS



Other finishes are available upon request.

Key Features

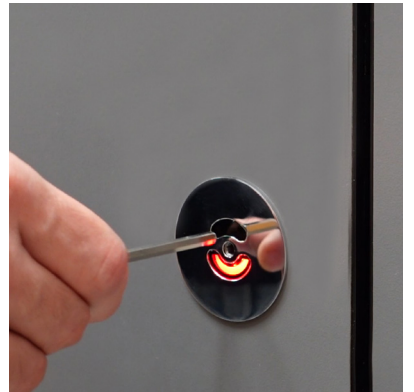
TOUCHLESS OPERATION

The energy-saving LED sensor on the outside of the cubicle shows a green light. Intuitively, the user's hand is simply presented in front of a LED to open the door and enter the stall. The external LED switches from green to red when the stall door is locked presenting the hand to the sensor from the inside. The door will not open from the outside while the LED is red. To unlock and open the door, the user needs to present their hand to the sensor inside the stall.



IN CASE OF AN EMERGENCY

Locked cubicle doors can be manually opened from outside using a special key or a coin if the emergency cion release accesory installed.



MANUAL OPERATION IN CASE OF POWER FAILURE

Exclusive at Stern touchless patented cubicles: If the user prefers so or the electricity is gone, the door can be opened or closed and locked manually, just like a regular toilet cubicle!

This means, that in times of power failure, the door will not be "out of order" and will not unlock automatically, creating potentially embarrassing situations.

The door will remain locked and the user inside will open the door manually by turning the inside handle and opening the door, like in a manual system.

When there is no user inside the cubicle, the door is unlocked upon power failure. If someone wants to come in, just pushes the door to enter and closes the door from the inside, locking it as a manual system.



OPTIONAL COIN-RELEASE ACCESSORY

Locked cubicle doors can be manually opened with a coin if the emergency coin release accessory was installed.



SERVICE MODE FOR CLEANING

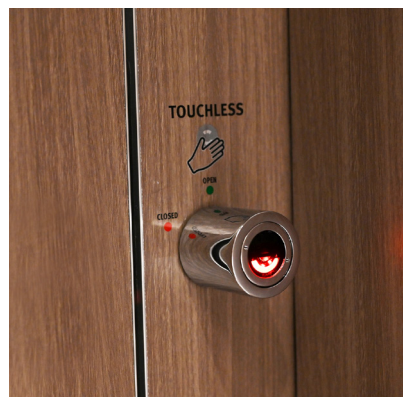
To hold the door open for 2 minutes to clean a cubicle, the cleaning staff can place both hands over the front and back of the door sensor to activate the service mode. During this 2-minute period, the sensors remain inactive, allowing the door to stay open without any interference.



OPTIONAL SAFETY-UNLOCK

If the cubicle remains locked for twenty minutes, the indicator light on the lock flashes for thirty seconds before the door automatically opens.

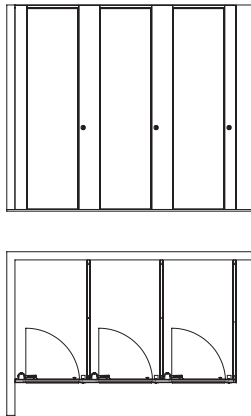
The occupant inside the cubicle has the option to extend the lock duration by presenting their hand.



Touchless Cubicle Configurations

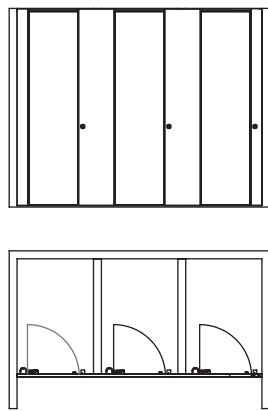
OPTION 1: STANDARD CUBICLE ASSEMBLY

- Cubicles set against one existing wall ending with an HPL Terminating wall with HPL partitions and a functioning automatic door mechanism.
- Includes:
 1. Door assembly
 2. Pilaster with the lock mechanism
 3. Pilaster with an automatic door closer
 4. Partition
 5. Terminating wall



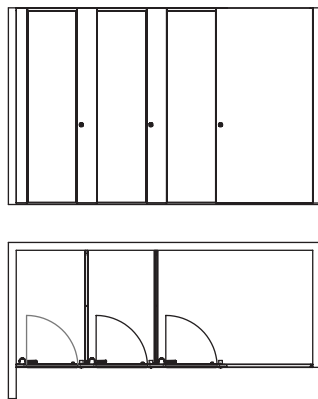
OPTION 2: CUBICLE DOOR ASSEMBLY

- A functioning toilet door set between two walls, commonly used where solid walls have been built to partition each toilet.
- Includes:
 1. Door assembly
 2. Pilaster with the lock mechanism
 3. Pilaster with an automatic door closer



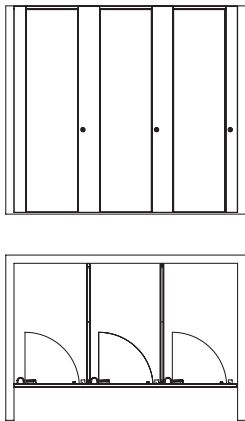
OPTION 3: INLINE TOILET CUBICLE

- Inline toilet cubicles set against a side wall with the side cubicle partition running on the same axis as the toilet cubicle door (when closed).
- Includes:
 1. Door assembly
 2. Pilaster with the lock mechanism
 3. Pilaster with an automatic door closer
 4. Partition
 5. HPL front wall



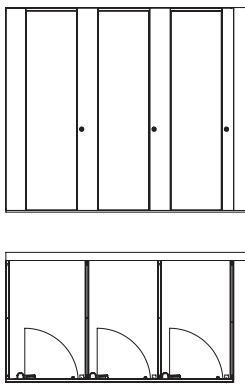
OPTION 4: BETWEEN WALLS

- Cubicles configured between two walls, with the first cubicle set into the corner wall and the last terminated by a solid wall. No additional terminating cubicle partition panel required.
- Includes:
 1. Door assembly
 2. Pilaster with the lock mechanism
 3. Pilaster with an automatic door closer
 4. Partition



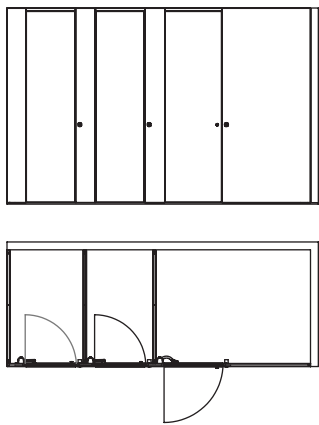
OPTION 5: ISLAND TOILET CUBICLES

- Cubicles configured between two walls, with the first cubicle set into the corner wall and the last terminated by a solid wall. No additional terminating cubicle partition panel required.
- Includes:
 1. Door assembly
 2. Pilaster with the lock mechanism
 3. Pilaster with an automatic external door closer
 4. Partition
 5. Two terminating walls



OPTION 6: ACCESSIBLE CUBICLE

- Cubicles configured between two walls, with the first cubicle set into the corner wall and the last terminated by a solid wall. No additional terminating cubicle partition panel required.
- Includes:
 1. Door assembly fitting relevant standards
 2. Pilaster with the lock mechanism
 3. Pilaster with an automatic/Manual external door closer
 4. Partition



Specifications for Automatic STC Cubicles:

- Dimensions:
- Cubicles Height: Up to 3000mm
 - Cubicles Depth: Up to 1542mm
 - STC Partition Thickness: 42mm

STC Cubicles Partition Design:

Water and humidity resistance in a wide selection of colors and textures.
Frame and Fitting: Reinforced Aluminum 6063 with an anodized coating
Finishing: High-Pressure Laminate (HPL)
For personalized design and custom dimensions, please contact us for a consultation:

Our cubicles come with various accessories to enhance functionality and user experience, including:

- Coat hooks and hangers
- Toilet roll holders
- Hand towel dispensers
- Waste bins
- Handrails and grab bars, etc.



Have you chosen your HPL preferred color? You still have several parameters to customize your cubicles:

Aluminum

Natural Anodized

Matte Black

Opening Door Type

Inwards

Outwards

Lock LED Colors

Green/Red

White/Red

Access

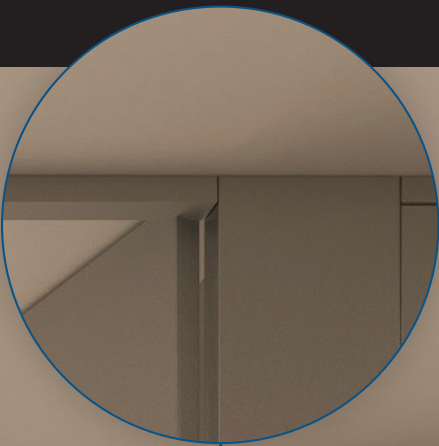
Touchless (non restricted)

Restricted with access code

Power

Individual transformer

Transformer for up to 4 cubicles together



Floor-to-ceiling
42 mm thickness
doors

UNIQUE FUNCTIONAL BENEFITS

- Alternative manual operation
- Cleaning mode

UNIQUE DESIGN & QUALITY BENEFITS:

- Real floor-to-ceiling cubicles to be seamlessly installed from the floor to the ceiling, encompassing both the doors and the pilasters.
- 42 mm thickness doors with HPL 3 mm layers at both sides.
- Suitable for wet rooms.

UNIQUE INSTALLATION BENEFITS:

- Extremely easy installation. No ceiling reinforcement is needed saving cost and extra work.
- Maximum precision. A spacer beam eliminates measuring errors.
- Internal electricity connections. Installers only need to connect the connectors.
- Compact motor conveniently positioned to facilitate installation and access.



Inside view

Janitorial version for Restricted Areas

The janitorial version for restricted areas with an electronic keypad, provides an effective way to manage access control. These access control systems require the users to enter a unique code to unlock and open the door.



HOW IT WORKS:

When the door is locked and unoccupied, the sensor displays a White or Green LED, indicating that someone can access it.

To enter the cubicle, a user must input the correct code on the access keypad.

If the code is valid, at the right-top corner of the keypad turns green, and the door unlocks.

If an incorrect code is entered, the keypad right-top corner of the keypad shows a red light, and the door remains closed.

While a personnel is inside the cubicle, and presented his hand to the inner sensor , the sensor LED displays Red. during this time it is impossible to enter, even with the correct code.

Exiting the cubicle is touchless. The person simply presented their hand in front of the inner sensor again - The door opens automatically without physical contact.

After the person leaves, the door self-closes and displays either White or Green, indicating you can access it again.

Customizable Entry Code: Authorized personnel on-site can select and change the entry code as needed.

IDEAL APPLICATIONS:

- Janitorial Staff Cubicles: Ensures secure access for cleaning personnel.
- Sensitive Areas in Organizations: Enhances security by controlling access to restricted spaces.
- Private or Members-Only Toilets: Manages toilet access, cleanliness, and availability.
- Restaurants and Facilities: Restricts toilet access for better maintenance and control.
- Keypad material: Aluminum 6061 T651
- Finishes available: BLACK / AISI316

By implementing this system, organizations can effectively manage entry while maintaining security and hygiene.



Strong



Water Resistant



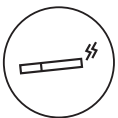
Impact Resistant



Damp Resistant



Heat Resistant



Cigarette Burn Resistant



Easy to clean



Fire Resistant



References



Our products and brands have been tried, tested and trusted by global companies worldwide.





STERN ENGINEERING LTD.

777 Passaic Avenue
Clifton NJ, 07012
Tel: +1.973.773.8011

86 Lackawanna Ave, Suite 315
Woodland Park, NJ 07424

info@sternfaucets.com
www.sternfaucets.us
www.sternfaucets.com
www.sternfaucets.es