HEALTHY OPENINGS AND HARDWARE

HEALTHY BUILDING SEMINAR AUGUST 2020
OVERVIEW

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exlr|lqj#

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• Khdkj#kdugzdu#e#lupfrdgg#kh#hqhlin#frshu#bar|1##
AUTO OPERATORS

• What are your door control challenges?
  • Focus on the amount of traffic and how often people will go through the opening(s).
• What type of access does the staff and public need?
  • 24 hours or 8am-5pm
• What access control is needed?
  • Security badges used to access building
AUTO OPERATORS

- Different types of auto operators exist to allow for different levels of pricing and function.
  - Record 8100
  - Norton 5800
  - LCN 4640

- Installing auto operators in an existing opening presents challenges:
  - Do you have solid filtered electrical power accessible to top of door opening?
  - Is there solid wall (blocking) construction above the opening to allow for secure fastening of the auto operator?
  - What current door hardware, floor conditions, or locks will need to be changed?
• The opening has been examined and you have chosen the auto operator model that works for your opening. You have explored the installation questions for install with Hull Services.

• What to expect for auto operator installation?
  • Very minimal alterations, wall penetration, or construction is needed for most auto installations.
  • Auto operators installed for a single door in ideal conditions takes about (3) hours
    ✓ Face of wall or frame where you install operator is solid.
    ✓ Electricity is filtered and accessible at the top of the opening.

• The auto operator will need to be configured to opening speed and correct swing function.

Example: Record 8100 after installation will have a software function where it will be set to opening speed and parameters. The parameters are set by the door being opened to reach stop or resistance.
DOORS/FRAMES
- Standard/Modified
- Thresholds
- Fire Rating
- Weatherstripping
- Sweeps

HANG:
- Butt Hinge
- Continuous Hinge

PROTECT:
- Kick Plates
- Exit Device Protectors
- Lever/Knob Protectors

CONTROL:
- Door Closers
- Power Operators
- Magnetic Locks

SECURE:
- Lever/Knob Locks
- Push Button Locks
- Residential/Commercial
- ADA-compliant
- High Security Systems

ADDITIONAL:
- Actuator
- Remote Release
- Prox Pad
- Electric Strike
- Intercom
- Video Surveillance/CCTV
TOUCHLESS ACUATORS

• What is a commercial door actuator?
  • **Knowing Act:** For most auto operators the actuator will be a push button or credential that the user knowingly activates. These can be hardwired to the operator or can be setup to send a wireless signal. These actuators come in a wide variety of shapes and types.
  • **Unknowing Act:** Some auto operators will be receiving a signal that the user unknowingly activates. These actuators are typically motion sensors that are mounted above the door that track a person's movement within a certain area that the sensor is constantly scanning. Motion sensor actuators will also require safety sensors on or around the door that will monitor for other movement to ensure someone does not get injured by the swing of the door. If the safety sensors pick up movement in the area they are scanning, the auto operator will stop and reverse course so that it does not harm someone in the doorway. Motion sensor actuators are programmable to meet the needs of the opening.
Introducing:
Touchless Solutions
Introducing:

Touchless Solutions for Offices
HEALTHY HARDWARE BY TRIMCO

- “The door handle of a public facility can be touched several thousand times a day. That is thousands of opportunities to transfer bacteria and infectious diseases. In hospitals alone, there are over 103,000 Hospital Acquired Infections (HAIs) reported every year!” –Trimco

- Trimco can help minimize infectious bacteria* in your facility through our Healthy Hardware™ portfolio of products made with CuVerro® bactericidal copper alloy surfaces.
HEALTHY HARDWARE OPTIONS

ABOUT THE PBT8000 PUSH BAR COVER – HEALTHY HARDWARE®

The PBT8000 series is designed for retrofit application with immediate installation and minimal labor time. The bactericidal Push Bar Trim covers snap on to installed exit devices. Currently the PBT8000 is available for the Von Duprin 98/99 and Precision Hardware Apex 2000 exit devices.

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>APPLICATIONS</th>
<th>FINISHES</th>
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</thead>
</table>
| • No hardware required for installation  
• EPA Certified Bactericidal Copper-Alloys  
• Not a coating – does not wear off  
• Available for multiple exit device sizes  
• Precision & Von Duprin  
• Custom lengths available | • Hospitality  
• Multifamily & Mixed Use  
• Public Buildings & Facilities  
• Retail & Strip Malls  
• Commercial & Industrial Buildings | 710CU Healthy Hardware |

<table>
<thead>
<tr>
<th>Trimco #</th>
<th>PBT8000-2-13.710CU</th>
<th>PBT8000-2-19.710CU</th>
<th>PBT8000-2-23.710CU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Device</td>
<td>Precision Apex 2000</td>
<td>Precision Apex 2000</td>
<td>Precision Apex 2000</td>
</tr>
<tr>
<td>Door Width</td>
<td>2'6” Device</td>
<td>3’ Device</td>
<td>4’ Device</td>
</tr>
<tr>
<td>Cover Length</td>
<td>13.125”</td>
<td>19.125”</td>
<td>23.125”</td>
</tr>
</tbody>
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How Does Copper Kill Bacteria?

1. Copper ions on the surface are recognized as an essential nutrient and enter the cell.

2. A lethal dose of copper ions interferes with normal cell functions and membrane integrity.

3. Copper ions impede cell respiration/metabolism, sometimes causing DNA damage.
HULL SUPPLY CO. COUNTER SALES

- Touchless Options and Design with Hull Supply
  - We have designed a standard version of the manual foot pull for easy install.

- Division 10/ Restroom Options
  - Touchless Automatic hand dryers and wave operation.
  - Restroom stall and partition hardware.

- Hull Bio Services
  - Toll Free Number to schedule remediation for your office.
  - We can organize our Hull Bio Team to disinfect and atomize EPA certified cleaning.
CONCLUSION

- Auto operators and touchless actuators allow for ingress and egress without the spread of germs and reducing the threat of SARS-COV-2.
- Healthy Hardware can provide an anti-microbial option to help reduce the spread in your environment.
- Touchless options and hardware solutions for your restores confidence in your building.
- Hull Supply Company is here for all solutions to doors, frames, and hardware. We have access control consulting, locksmithing, and best options for touchless design. Please refer to our line card to reflect what items you currently have in your building.

Thank you
Hull Supply Co. has provided architecture division 8, 10, and 28 solutions for 35 years and we know touchpoints too well. We can help with any type of establishment or any opening issues you run into give us a call anytime.

Architectural Services
Technical coordination from the initial quote to recommendations for value engineering, provided by qualified project managers.

Counter Sales
Our Staff takes pride in helping you get what you need and on the way. We've got standard size favorites in stock, or we can order custom preps and special products.

Service & Repair
Our technicians are some of the finest and most experienced in the field. Call us to handle all your door opening problems!

In Stock & Quick Ship
Thousands of essential components in popular standard sizes and finishes, ready for pick up or delivery. Get quick preps in our fabrication shops.

Keying Services
High security keying systems, master keyed systems, interchangeable cores and keys, key core controls for every type of commercial locking hardware.

Products
Everything required for the commercial architectural opening in your choice or material and finish...Wood, Laminate, Steel, Aluminum Doors; Hollow Metal.