



Hy[®] Lock Accessibility

Hy[®] Lock: Meeting and Exceeding Global Accessibility Standards

At SmartStall, we are committed to accessibility. Our Hy[®] Lock is designed to meet and exceed the highest standards in accessibility for commercial restrooms. Below, we highlight how the manual operation complies with relevant accessibility standards and how the innovative wave functionality exceeds those requirements to provide a superior user experience.

Hy[®] Lock Key Standards for Manual Operation:

- United States: ADA/TSA §309.4 – Accessible Operable Parts
- European Union: EN 17210 – Accessibility of the Built Environment
- Australia: AS 1428.1-2021 Clause 13.5 – Door Hardware
- United Kingdom: Part M / BS 8300 – Access to and Use of Buildings
- And more

Summary of Codes and Key Standards:

- Door hardware must be designed and positioned for use by people with disabilities.
- The operable parts of doors and hardware must be accessible, requiring a force not exceeding 5 lbf (22.2N) in the US; 20N in many jurisdictions to operate.
- The operable parts must not require grasping, pinching, or twisting of the wrist.
- Hardware should be operable with a single motion or action.

Accessibility for Visual Impairment:

Lock state indications include red/white indications (red for locked; white for unlocked) to accommodate those with red/green color blindness.

Hy[®] Lock's Hands-Free Advantage

The Hy[®] Lock manual alternative complies with major global accessibility standards. Its design requires minimal physical effort and does not require grasping, pinching, or twisting, making it easily operable by individuals with limited dexterity or mobility. A single motion with an appendage can operate the lock.

Furthermore, the wave functionality of the Hy[®] Lock exceeds all these standards by providing completely hands-free operation. Users simply wave to operate the lock/unlock, which eliminates the need for any physical interaction, offering a superior level of accessibility and hygiene. This feature ensures that people with varying abilities can access restrooms with ease, while also reducing the spread of germs.

SmartStall is leading the way in accessible, hands-free restroom solutions. The Hy[®] Lock sets a new standard in restroom accessibility. For businesses looking to provide the highest level of accessibility and hygiene, the Hy[®] Lock is the ideal solution.