

Compatible Partitions



A checklist to choose the ideal stalls for the hands-free solution

1 Hinge Type - Adjustable Gravity Hinges

Gravity hinges allow in-swinging doors to open automatically when patrons exit the stall (as seen in the demo videos). Gravity hinges also allow ADA stall doors to compliantly close behind their user.



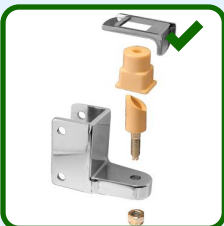
If using continuous (piano) hinges, make sure they are set so that the door tends to the open position between 30 and 45 degrees for standard doors. For accessible stalls, ensure that the continuous hinges tend the door to the closed position.



Preferably the hinges are gravity hinges that have adjustable at-rest angles. We suggest noting on the specifications that the hinge's at-rest angle be set between 30 and 45 degrees inward angle standard doors.



Hinges like these can work only if the bottom hinge looks like the last picture below.



This type of hinge can be found on the bottom or top hinge. Many times, one must set the at-rest angle for these hinges during the installation process of the stalls. They may still be set at the desired angle to allow for a touchless exit. It is helpful to note this in the specifications for the installers.

Compatible Partitions



2

Previous Latch Style (Retrofit) - Surface Mount Preferred

SmartStall locks are designed to retrofit. Surface mounted latches are the most common and simplest to replace.



Avoid pre-installed embed latches (most powder coated metal partitions).



Latches that pass through both sides of the partition door (the inside handle/knob is attached through to an indicator on the outside) may require an extra retrofit plate to cover an existing outer hole.



Partitions that utilize surface mounted latches are ideal for the SmartStall™.



Surface mounted latches can come in a variety of forms.

Compatible Partitions



3 Partition Structure/Mounting

The more secure the partition structure is the better. Ceiling hung partitions and other less secure mounting structures lead to substantial shifts overtime that can affect the latches and hinges.



"Floating" or ceiling hung partitions should be avoided as their original install position will substantially shift over time.



Floor mounted partitions with a headrail brace are recommended as they have a very secure structure. The headrail brace is not required but provides extra stability.



Floor to ceiling mounted partitions are also highly recommended.

Examples of compatible designs :

- Bobrick DesignerSeries HPL 1040
- ASI ALPACO Collection
- Bradley Phenolic Privacy Partition
- Partitions by Ironwood Mfg.
- ...