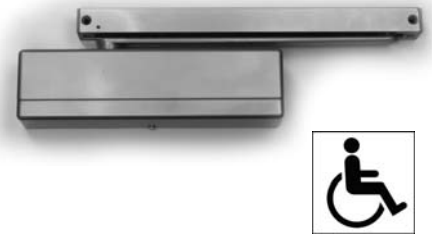


421 Cam Action Door Closer

FAQs**Frequently Asked Questions**

What is the new 421 Cam Action Door Closer?

- SARGENT's new revolutionary Door Closer with optimum performance, the 421 Cam Action Door Closer's advanced design provides high efficiency, strong closing force and ADA compliance with track arm applications.



How does the "Cam Action" work?

- "Cam Action" refers to the manner in which force is applied to the door. The Cam is carefully designed to apply closing force so that doors have plenty of power to latch without excessive resistance to opening.

What is the difference between a regular SARGENT Door Closer and the Cam Action Door Closer?

- Externally, the two closers look very much alike. Internally they are completely different.
- Traditional Door Closers have a single piston which is driven by a rack and pinion gear. While the design has proven to be reliable in a variety of applications, the performance is limited by the selection of gear ratios and by the length of the piston which demands close internal tolerances.
- Cam Action Door Closers rely on a Cam carefully designed to apply closing forces in precisely the proper location so that the highest force is applied at latch and less force is applied throughout the remainder of the closing cycle. Cam Action Door Closers also use two pistons reducing internal friction and increasing closer efficiency.
- On the door, the SARGENT Cam Action Door Closer is easy to open and operates smoothly.



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Why does a Cam Action Closer only have a track arm?

- The 421 Cam Action Closer is specifically designed to apply closing force in the optimum manner for a track arm. A double lever arm has a distinctive geometry and would require a different cam design.

What are the benefits and features of having the 421 Cam Action Closer?

- ADA compliant with track arm applications
- Easy to open with strong closing force
- Aesthetic track arm applications

Why is SARGENT offering a Cam Action Door Closer?

- SARGENT is offering a Cam Action Door Closer to provide superior power and efficiency for even the most difficult door openings (i.e., stack pressure, etc.).

What are appropriate applications for the 421 Cam Action Door Closer?

- Ideal applications are stairwells, airport jet ways along with exterior and interior doors that have problems meeting ADA requirements. Doors subject to high HVAC and/or wind conditions would also benefit from the strong closing force offered by the 421 Cam Action Door Closer.

For additional information, contact your ASSA ABLOY Door Security Solutions sales consultant, SARGENT at 800-727-5477 or visit www.sargentlock.com.