

AUXILIARY HARDWARE

GRAVITY DOOR COORDINATOR

Model No. 6600 & 6800



This UL-listed gravity-type door coordinator is specifically designed for pairs of swinging fire doors with an astragal installation. The coordinator ensures proper closing sequence for double doors by preventing the active door from closing before the inactive door. Due to the visible projection of the arm above the door, these devices are typically chosen for applications where functional performance takes precedence over aesthetic appearance.

Operating Principle

Gravity coordinators employ a sophisticated cast arm and pivot system installed on the pull side of the door from. The mechanism operates through a simple but effective sequence:

1. When the inactive door leaf opens, the arm automatically drops down, creating a mechanical stop that keeps the active leaf open.
2. As the inactive leaf returns to close, the arm gradually rises.
3. Once the inactive leaf fully closes, the arm elevates completely, allowing the active leaf to close.
4. A precision-engineered roller at the arm's end ensures smooth and efficient operation throughout the cycle.

Product Information

Feature	Non-handed design
Projection	<ul style="list-style-type: none">• 6600 – 6-1/2"• 6800 – 8-1/2"
Material	<ul style="list-style-type: none">• Main body: Forged brass construction• Roller: Alloy wheel core with rubber outer layer
Max. Door Size	48" (1219mm) x 96" (2438mm), Hollow metal
Mounting	Surface mounted on frame header
Finishes	US3, US4, US15, US26, US26D
Certification	Conforms to UL10C Standard as Fire Door Coordinator, 3-hour fire rating

