Concealed Electromechanical Fire Door Closers

The beauty of the Lockwood Concealed Door Closer Systems is that they stay virtually invisible when the door is closed, keeping your design pure and clean just as you intended. Featuring efficient 'cam action' technology, it has an in-built power adjustment mechanism which allows you to reduce opening force whilst maximising closing force, making it perfect for almost every new door design. When it's all about aesthetics, the Lockwood Concealed Door Closer Series is the best choice.

Lockwood fire door closing systems guarantee easy access and convenience as well as maximum safety in the event of fire. Lockwood fire door closing systems are composed of reliable and compatible components that enable building up a safe, individual solution for each application.

Function of fire door closing systems

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Standards and Compliance

The Lockwood Electromechanical Concealed Door Control System has been successfully fire tested up to 2 hours on fire door assemblies in accordance with Australian Standard AS1905.1:2005 - Part 1: Fire Resistant Doorsets.

Lockwood Fire Door Closers conform to the requirements of AS1428 Clause 13.5.3 (e) Design for Access and Mobility.

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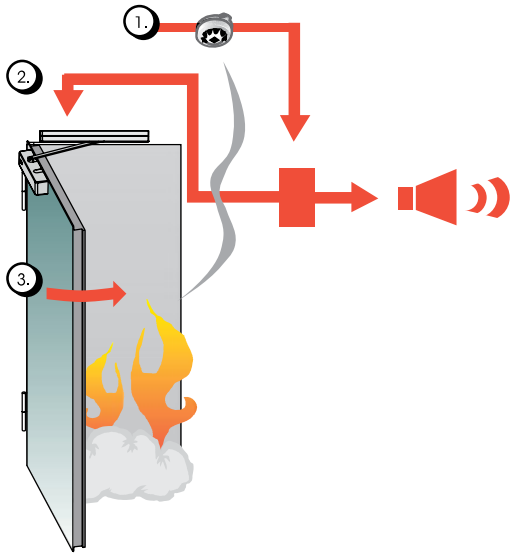
Power Sizes			
Recommended Door Width	**Door Weight (kg) Max**	**Closer PowerSize**	**ClosingTorque (Nm)**
750	20	1	9 - <13
850	40	2	13 - <18
950	60	3	18 - <26
1100	80	4	26 - <37
1250	100	5	37 - <54

Door height should be a maximum of 2340mm



FD480 Electromechanical Hold-Open Device Single Doors

The FD480 is suitable for applications where fire doors are constantly kept open. Applications for the FD480 include hotels, office buildings and fire doors where hold open function is needed. The maximum door width is 1400 mm.

Fire door is held open by the FD480 at the selected angle. When power is switched off, e.g. when smoke detectors react to smoke, the door closes. The hold open angle for the door can be adjusted from 70° to 120°. Hold-open device has adjustable hold-open function. Current consumption 60 mA (24 VDC).

Product Details

Design	Compact modern design to suit both single and double door installations.
Door Sizes	• Single door applications minimum 350mm, maximum 1100mm • Minimum door thickness 40mm
Electrical Specifications	24VDV ± 15%. Low consumption: max current 60mA per hold-open device
Flexibility in Installation	One unit suits both push side or pull side
Hold-Open Device	• Easy to install with adjustable angles (70° to 120°) • Hold-open strength can be adjusted during the installation
Opening Angles	Maximum opening angle 120°
Power Size	Adjustable EN 1 - 4

Standards and Compliance

The Lockwood FD480 Concealed Door Control Systems has been successfully fire tested up to 2 hours on fire door assemblies in accordance with Australian Standard AS1905.1:2005 - Part 1: Fire Resistant Doorsets.

FD480 Electromechanical Hold-Open Device Single Doors

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Part Numbers	Finishes
FD480	Silver