BROCHURE

LOW ENERGY
DOOR OPERATORS

NORTON RIXSON

ASSA ABLOY

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WHAT IS A LOW ENERGY OPERATOR?

A low energy operator is a device that enables automatic movement of a door providing convenience and compliance with regulatory needs.

WHAT ARE THE APPLICATIONS OF A LOW ENERGY OPERATOR?

Typical applications include:

- Main entrances
- Restrooms
- Large gathering spaces

ELECTROMECHANICAL VS. ELECTROHYDRAULIC LOW ENERGY OPERATORS

Norton Rixson offers two types of low energy operators: electromechanical and electrohydraulic.

Electrohydraulic operators incorporate a door closer for smooth reliable door control. Advantages include long life, nearly silent operation, and smooth feel of the door closer.

Electromechanical operators feature a motor and gearbox for consistent automatic operation. Advantages include compact size and precise door control including special features such as dynamic braking, latch assist, power close, and power assist.

WHAT ARE THE REQUIREMENTS OF A LOW ENERGY OPERATOR?

All low energy operators must comply with the following: ANSI/BHMA A156.19, Americans with Disabilities Act (ADA).



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FRAME-MOUNTED ELECTROHYDRAULIC OPERATORS



6000 SERIES ($$$)



5700 SERIES ($$)



5500 SERIES ($)

CLASSIC OPERATION

- Embedded door closer provides consistent feel throughout the facility
- Hydraulic valves control sweep, latch, and backcheck

UNWAVERING DEPENDABILITY

- Closer continues to function even if operation fails
- Operates as mechanical surface closer when door is opened manually



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FRAME-MOUNTED ELECTROMECHANICAL OPERATORS



6300 SERIES ($$$)



6200 SERIES ($$)



5200 SERIES ($)

SUPERIOR USER EXPERIENCE

- Modular installation – one-person install
- Operator is a secure, password-protected, WiFi hot spot – no connection to building's IT required
- Simple setup; no app required
- View status and make adjustments without removing the operator cover

UNPARALLELED VALUE

- Shared aesthetics, installation, and programming across all three operators
- Mix and match 6300, 6200, 5200 Series operators throughout a facility to maximize value to the customer



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DOOR-MOUNTED ELECTROMECHANICAL OPERATOR



5800 SERIES ($$$)

PROBLEM SOLVER

- Unique on-door installation fits tight spaces
- Ideal for challenging applications such as deep reveal, narrow doors, overhead obstructions

LOW VOLTAGE

- Run off 24VDC - no electrician needed
- Optional built-in battery back-up allows auto operation use during power failure
- Low voltage transformer kit plugs into common 110VAC electrical outlet



LOW ENERGY OPERATORS: PRODUCT COMPARISON

	FRAME-MOUNTED ELECTROHYDRAULIC			FRAME-MOUNTED ELECTROMECHANICAL			DOOR-MOUNTED ELECTROMECHANICAL
FEATURES	**6000**	**5700**	**5500**	**6300**	**6200**	**5200**	**5800**
Push and go	Yes	No	No	Yes	Yes	N/A	Yes[1]
Obstruction detection	Open/ Close	Open	Open	Open/ Close	Open/ Close	Open/ Close	Open
Power assist	No	No	No	Yes	Yes	N/A	No
Power close	No	No	No	Yes	Yes	Yes	Yes[1]
Latch assist	No	No	No	Yes	Yes	Yes	Yes
Infinite hold open	Yes	No	No	Yes	Yes	Yes	Yes[2]
Door traffic (heavy, moderate, or light traffic)	H	M	M	M-H	M	L-M	M-H
Use on exterior doors	Yes	Yes	Yes	Yes	Yes	No	Yes
Use on fire rated doors	Yes[3]	Yes	Yes	Yes	Yes	No	Yes[4]
Integration with access control systems	Yes	Yes	Yes	Yes	No	No	Yes
Blow open function for smoke ventilation	Yes	No	No	Yes	No	No	No
WiFi interface setup	No	No	No	Yes	Yes	Yes	No
Warranty	2 yrs						
Power supply included	Yes	Yes	No	Yes	Yes	Yes	Yes
Optional power cord	No	Yes	No	No	No	Yes	No
Price	$$$	$$	$	$$$	$$	$	$$$
SPECIFICATIONS							
Maximum door weight	250 lbs	250 lbs	250 lbs	250 lbs	200 lbs	200 lbs	250 lbs
Current draw	.9A	.6A	.6A	1.5A	1.5A	.4A	.4A
Onboard power supply for accessories	24 VDC @ 1.3A	24 VDC @ 1.1A	24 VDC @ 1.1A[5]	24 VDC @ 1.3A	24 VDC @ 0.4A	24 VDC @ .4A	N/A
REGULATORY							
ADA	Yes						
BHMA certified to A156.19	Yes						
Meets UL10C positive pressure requirements	Yes						

1 PRO Plus only **2** Auxiliary switch required **3** Push (3-hr); pull (90 min) **4** 90 min **5** Sold separately

For a complete list of features and functions, please refer to the **catalog**.

The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames door and window hardware, mechanical and smart locks, access control and service.

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Since 1880, Norton Rixson door controls have been an integral part of schools, hospitals and businesses around the globe. When you need products and people that perform at the highest level, rely on Norton Rixson – From Open to Close.

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