

5831 Series Low Energy Operator

Overview

As one of the world's only regenerative swing door operators, the Lockwood 5831 Series is designed to reduce energy consumption by as much as 100 percent versus other comparable operators. Available in wireless and plug-in versions and able to fit in the tightest of spaces, the 5831 Series is simple to install and use.



Features

- Regenerative drive or continuous duty operation
- 5° door opening
- Push side mounting
- Push-and-Go (ADA1015T/24V Kit must be connected)
- Power Close (ADA1015T/24V Kit must be connected)
- Pull Side Conversion Kit optional
- Latch Assist
- Executive Mode Feature
- Radio Frequency stainless steel push buttons
- Integral RF receiver
- Shock absorbing arm
- 24VDC input port
- ADA1015T/24V hardware kit
- Built-in ON/OFF Switch
- Auxiliary activation input port
- Maximum door width - 1200mm
- Maximum door weight - 110kg
- 12 month limited warranty

Benefits

Simple Installation

- Mounts on door
- No voltage / low voltage power to opening
- Patented Auto-Tune ensures safety & compliance

Flexible

- Adjustable open/closing force
- Controls doors up to 1200mm wide & weighing up to 110kg
- Functions like ordinary door closer when used manually

Dependable

- Protection from high-wind & abusive environments
- Built-in battery backup allows use during power failure
- Brushless DC motor/gearbox tested 10+ million cycles
- Latch Assist ensures dependable door latching

5831 Series Low Energy Operator

Lockwood 5831 Series Features

- Push and pull side options
 - Wireless RF Push Button
 - Patented Auto-Tune
- Mounting hardware for virtually any door and frame
- **Optional Wave-to-Open Switch** - Door can be opened with the wave of your hand



Models 5831 (push)

No Electrical Power Required – 25% Automatic use or less.

- Ideal for commercial, high traffic and manual opening applications that occasionally require automatic operation
- Regenerative Drive System charges an onboard battery pack
- For traffic patterns allowing for 80 door cycles per day, 25% automatic and 75% manual
- No electrical connection required and installs like a manual door closer in less than an hour

5831 Series with ADA1015T/24V Hardwire Kit

24 VDC Powered – Continuous Automatic Use.

- Commercial applications requiring push-and-Go, Power Close, or Electric Lock Interface features
- Connects to any 24VDC Power Supply
- For traffic patterns requiring continuous automatic use or automatic use more than 25% of the time
- For doors requiring compliance to meet DDA Requirements, the ADA1015T/24V Hardwire Kit must be used.

One unit with two applications.



Push Side Mounting
without electrical power



Pull Side Mounting with
ADA1015T/24V Hardware Kit

5831 Series Operator Activation via Wireless Interface Module

Seamlessly Interface to:

- RF wireless push buttons
- Electronic Access Control locking
- Outside Push Button Disable: Privacy Feature
- Emergency Interface Relay (EIR)



Order separately using
part number ADA1028W

5831 Series Low Energy Operator



ASSA ABLOY

Sustainability Contributions

This product has been documented to help facilities meet sustainable building certification programs.

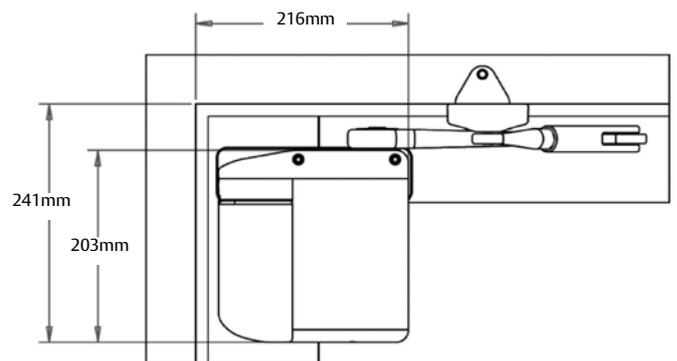
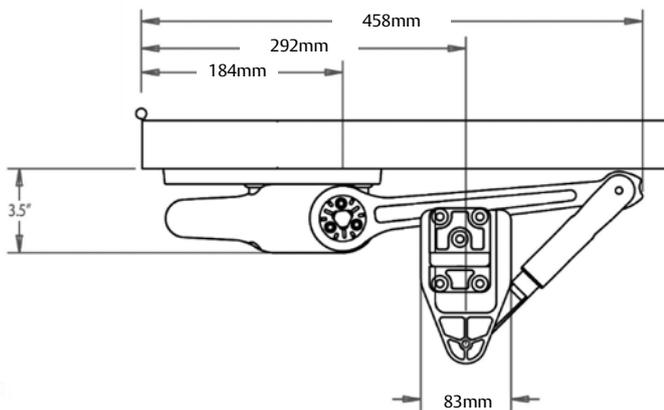
- GreenCircle Certification-validation of energy efficiency claims, as compared to similar operators:



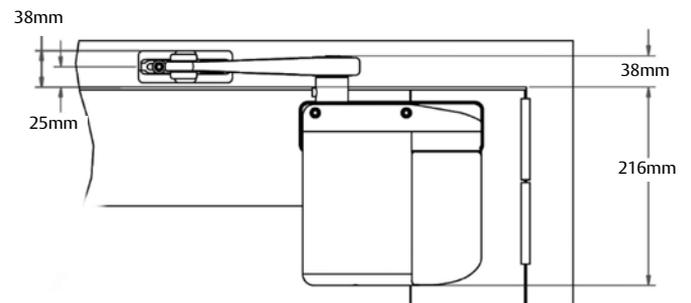
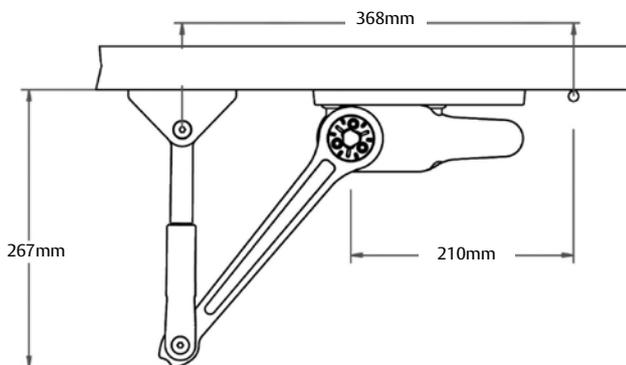
- 5800 Series ADAEZ (plug-in) - 91% efficiency
- 5800 Series ADAEZ (wireless) - 100% efficiency

Product Dimensions

Push Side



Pull Side



All dimensions are approximate.