



Applications for Actuator & Controls

Almost any operable opening can be automated: awning (top-hinged), hopper (bottom-hinged), or parallel windows (hinged on 4 sides), skylights, curtain wall and other vents. For commercial, institutional and residential projects, including schools, universities, municipal buildings, offices, gymnasiums, homes, condos and more.

Natural Ventilation Systems

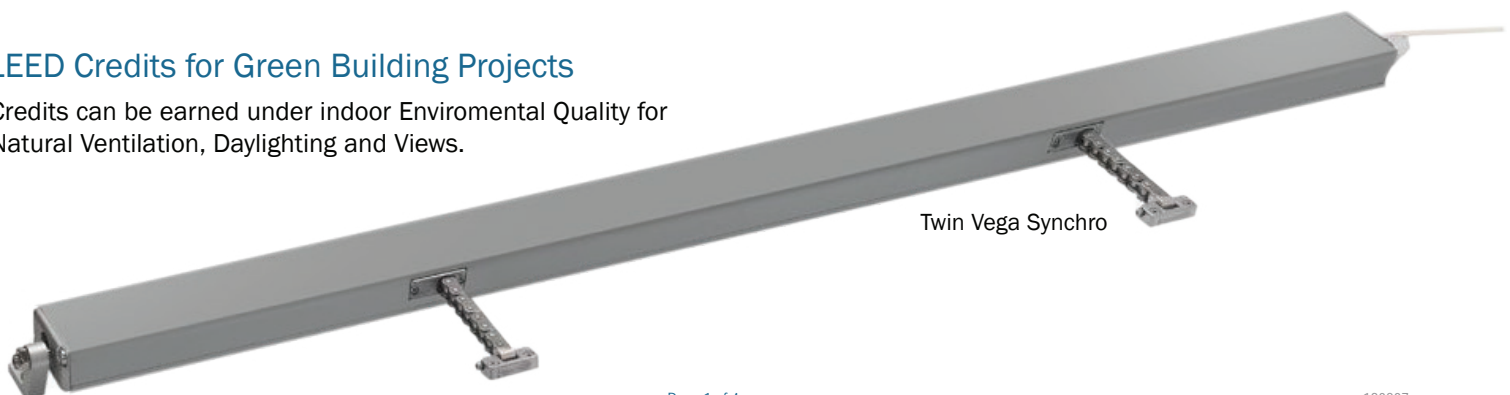
Operable windows and skylights save energy and lower operating costs by reducing air conditioning and heating use.

Smoke Evacuation Systems

Reduce smoke, heat and casualties during a fire; AFI actuators are SHE certified.

LEED Credits for Green Building Projects

Credits can be earned under indoor Environmental Quality for Natural Ventilation, Daylighting and Views.



Actuators



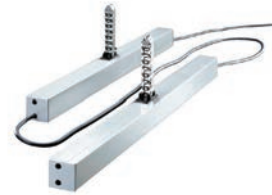
LM2 actuators
18-45 lbs push force
Up to 44 lbs pull force



EM actuators
Up to 68 lbs push/pull force



FM actuator
Up to 158 lbs push/pull force



EM, LM2 and FM actuators
Available in tandem configuration



Vega actuators
55 lbs push/pull force



Quasar actuators
66 lbs push/pull force



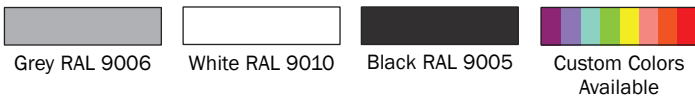
Vega and Quasar models
Available in synchro configuration



Vega RF and Vega RF Rain actuators
Available for 30' range remote control, and rain sensing.



Ulysses and Force linear actuators
Up to 220 lbs push/pull force, up to 39" stroke.



Low Voltage and Line Voltage Actuators

- For awning or hopper windows, skylights or curtain wall vents
- Ideal for smart buildings; integrates with building and home automation systems
- Actuators can be concealed from view
- Actuators available in Grey, White or Black. Custom colors possible.
- Certified for Smoke and Heat Extraction (SHE)
- UL recognized actuators are fully compatible with FFI UL Listed control panels



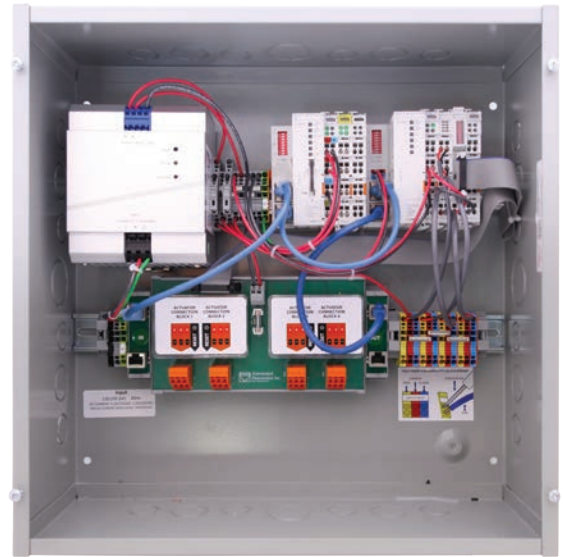
BMS Set up kit for Vega Plus, Vega Advanced, Quasar Plus and Quasar Advanced actuators.
For pre-programming speed, force and chain stroke.



Laurel School Upper Campus - Menlo Park, California

Control Systems

- UL Listed, self-contained, installation ready units
- Programmable features include actuator range of motion, signal feedback and one-touch open/close control
- Multiple panels can communicate with each other
- Control a single actuator or multiple groups



CoreControl Series Control Panels

Controls up to 12 actuators

Integrated BACnet gateway with local switch inputs



RQ Series Control Panels

Controls up to 12 actuators

BACnet, LON & Dry Contact gateway accessories available



PSP Series Power Supply Panels

Interface with AC line voltage switch.

Visit us at www.automatedfenestration.com for more information



Automated Fenestration Inc. is proud to offer accredited continuing educational coursework through AEC Daily and provide a deeper understanding of the benefits of automated natural ventilation.



AFI control panels are UL listed, self-contained, installation ready units. Each unit contains a fully regulated DIN rail mounted power supply along with appropriate mounting terminals for a complete UL listed solution.



Chemeketa Community College - Engineering Building - Salem, OR



**Automated
Fenestration Inc.**

Automated Fenestration Inc.
Hawthorne, CA • Phone (323) 756-9090
www.automatedfenestration.com • sales@automatedfenestration.com