



UL-Recognized models available

Vega Actuator Features

- Vega actuators are for awning windows, hoppers, curtain wall vents and skylights.
- Multiple vents can be wired in parallel, and can be operated by building automation systems.
- 12"/300mm chain operator; self-adjusting for proper closure at installation.
- Operator has stainless steel, double-link chain for rigidity and durability.
- Examples of 55 lbs operating force: 48" tall/440 lb. vent, 82" tall/752 lb. vent, or a 110 lb. skylight.
- Low-profile, attractive aluminum case; available in black, white or gray paint.
- Minimum sash height is 10". Standard pivot brackets included.
- Vega F-Signal (DC) has opening and closing feedback signal, ask for data sheet.
- Two-year UCS manufacturer's warranty. Requires reading FFI Install Guide before purchase, and confirmation of project and installation specs by licensed electrical contractor.
- Functional Fenestration Inc (FFI) has a wide range of actuators for institutional, commercial and residential applications. FFI has been providing motorized operators for windows and skylights since 1987, and today is an expert and leader in actuators for automation, natural ventilation, and smoke evacuation.

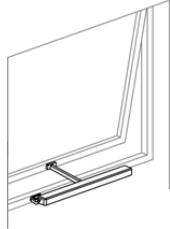
Vega Specifications

	Vega AC	Vega DC UL
supply voltage	100 Vac – 240 Vac, 60 Hz line current	24 Vdc ± 10% low voltage
normal current amp draw*	0.3 amps – 0.15 amps average	0.7 amps average*
push/pull force	55 lbs (250 N)	55 lbs (250 N)
power cable (1.5 m, white)	4 conductors (load/open, load/close, common, ground)	2 conductors (± polarity inversion)
items included	motor, standard brackets	motor, standard brackets
typical switch	momentary contact	maintained contact
safety marks	ANSI/UL pending; CE	ANSI/UL Recognized; CE
UL projects	DC models are UL Recognized	
chain stroke	300 mm (12 inches) opening length	
chain speed	9 mm (0.354") per second	
limit stop	electronic limit switch	
safety stop	electronic overload switch	
environment	14 to 140 degrees F (-10 to 60 degrees C); maximum relative humidity 60%	
control options	Wall switch or CRM keypad; add remote control and weather sensors (rain, wind, thermostat) with CRM	

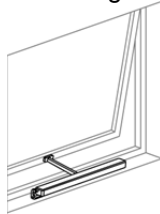
* Vega DC start up current is 1.67 amps per actuator. Calculate power supplies and relay boxes needed based on peak draw of 2 times normal amp draw, or approx. 1.67 amps per actuator.

Application Options

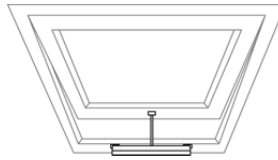
On Wall or Frame



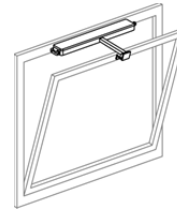
Awning



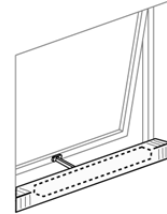
Skylight



Hopper



Concealed in Frame or Curtainwall



- Optional brackets may be required for hopper and wall mounting.
- Read FFI Installation & Maintenance Guide before specifying project details.
- CAD files available on request from FFI.



installs on sash, sill or wall

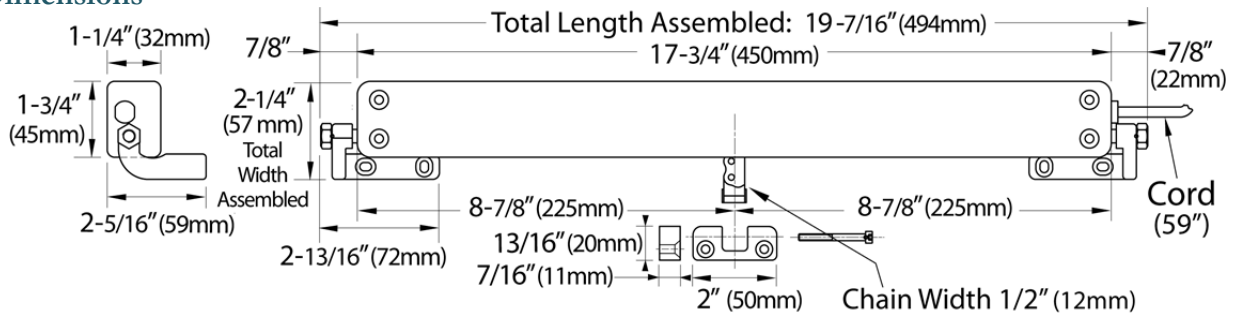


chain operator attached to frame



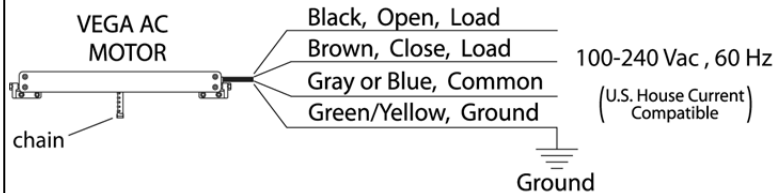
standard pivot brackets (included)

Case Dimensions

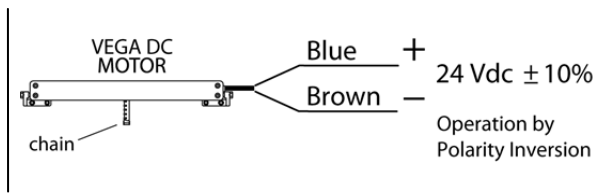


Wiring Examples (generic; not job specific):

Vega AC Power Cable 1.5 meter (59")



Vega DC Power Cable 1.5 m (59")



Vega AC/DC Actuators from FFI - If in-stock, items ship within 24-48 hours

paint color	Vega DC UL	Vega AC
gray RAL 9006	41148S	40900K
black RAL 9005	41149U	40901L
white RAL 9010	41150C	40902M