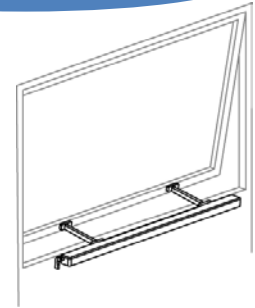




UL-Recognized models available



Twin-Synchro-Vega Actuator Features

- Twin Synchro-Vega actuators are for awning windows, hoppers, curtain wall vents and skylights.
- Twin Synchro-Vega is for wide vents that require 2 motors, providing multiple sash connection points and synchronized operation. Available in DC version only.
- Twin-Synchro-Vega is 2 Synchro-Vega actuators in one case. Standard distance between chains is 480 mm (approx. 19"); longer by custom order.
- Multiple vents can be wired in parallel, and can be operated by building automation systems.
- 12" chain operators; self-adjusting for proper closure at installation.
- Operators have stainless steel, double-link chain for rigidity and durability.
- Examples of 55 lbs operating force of 2 motors: 48" tall/880 lb vent; 82" tall/1504 lb vent; or 220 lb skylight.
- Low-profile, attractive aluminum case; available in silver anodized, black paint, or white paint.
- Minimum sash height is 10". Standard pivot brackets included.
- Twin-Synchro-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.

Twin-Synchro-Vega Specifications

	Twin-Synchro-Vega DC UL
supply voltage	24 Vdc \pm 10% low voltage
normal current amp draw*	1.4 amps average*
power cable (1.5 m)	white color; 2 conductors (\pm polarity inversion)
chain stroke	300 mm (12 inches)
chain speed	9 mm (0.354 inches) approximate per second
limit stop	electronic limit switch
safety stop	electronic overload switch
typical switch	DPDT maintained contact (6 leads)
safety marks	ANSI/UL Recognized; CE
UL projects	UL Recognized
push/pull force	110 lbs (500N)
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

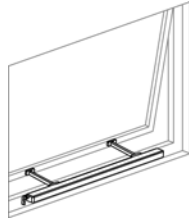
* Vega DC start up current is approximately 3.3 amps for twin actuators. Calculate power supplies and relay boxes needed based on peak draw of 2 times normal amp draw, or approx. 3 amps per twin Vega set.

Application Options

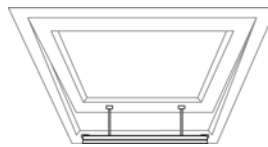
On Wall or Frame



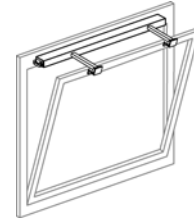
Awning



Skylight



Hopper



- 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-L pivot brackets (included)

<p>Case Dimensions Height: 1 7/16" (37mm) Depth: 2 11/16" (69mm) Length: 39 3/16" (996mm)</p>	<p>Sash Bracket Dimensions</p>
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Wiring Example (generic; not job specific): for Twin-Synchro-Vega with 1.5 meter DC Power Cable

Blue + 24 Vdc ± 10%
 Brown -
 Operation by Polarity Inversion

Twin Synchro-Vega Actuators from FFI

If in-stock, items ship within 24-48 hours

color	Twin Synchro-Vega DC 12"/300mm UL
silver anodized	41154L
black RAL 9005 paint	41155N
white RAL 9010 paint	41156R