



Features and Benefits

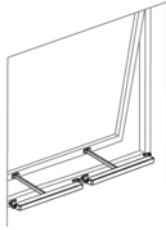
- Synchro-Quasar-L is ideal for extra-wide vents that require 2 to 4 motors, providing multiple sash connection points, and assures synchronized operation, weatherability and stability under wind load. (Available in DC only.)
- Synchro-Quasar-L is a version of Synchro-Quasar with longer chain lengths and a longer case.
- Multiple vents can be wired in parallel, and can be operated by building automation systems.
- Operators come in chain lengths of 24", 30" or 40"; self-adjusting for proper closure at installation.
- Operator has stainless steel, double-link chain for rigidity and durability.
- Quick and easy installation of motor and sash connector for chain operator (see photo page 2).
- Low-profile, attractive aluminum case; available in silver anodized, black paint, or white paint.
- Minimum sash height is 24" for 24" chain, 30" for 30" chain, and 40" for 40" chain.
- 2-year UCS manufacturer's warranty; requires installation by a licensed electrician.
- Functional Fenestration Inc (FFI) has a wide range of motors for windows, skylights, and other vents for residential and commercial applications. FFI has been providing motorized window and skylight operators since 1987, and today is an expert and leader in the motorized ventilation market.

Specifications

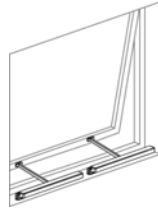
	Synchro-Quasar-L DC (UL)		
chain stroke length	24"	30"	40"
push/pull force	66/66 lbs	33/66 lbs	22/66 lbs
supply voltage	24 Vdc \pm 10%		
current draw	0.9 amps		
power cable (59")	2 conductors (\pm polarity inversion)		
chain speed	0.6 inches per second		
limit stop	electronic limit switch		
safety stop	electronic overload switch		
typical switch	DPDT maintained contact (6 leads)		
safety marks	ANSI/UL/UR ; CE mark		
environment	14 to 140 degrees F (-10 to 60 degrees C); maximum relative humidity 60%		
control options	wall switch, direct digital control, 4-station keypad, remote control, environmental sensors (rain, wind, thermostat)		

Easy Installation

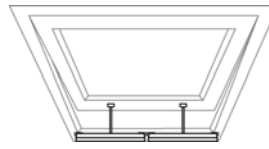
On Wall or Frame



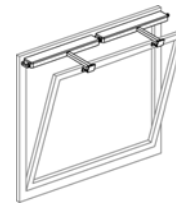
Awning



Skylight



Hopper



- optional brackets may be required for hopper and wall mounting.
- installation guide and CAD files available on request from FFI.



motor installs on sash, sill or wall

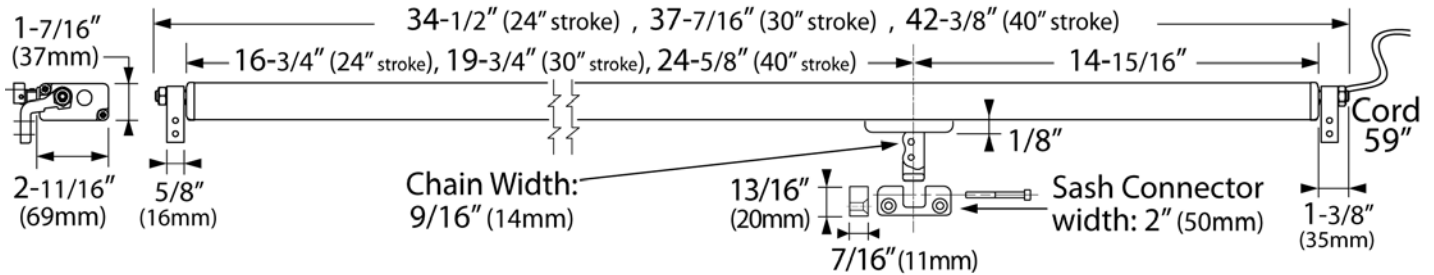


chain operator attached to frame



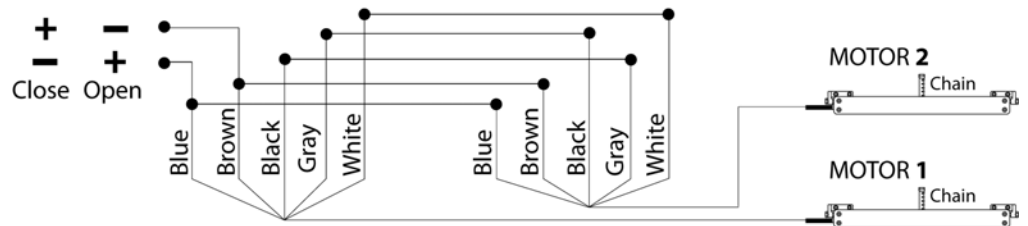
Standard-L pivot brackets (included)

Case Dimensions



Wiring Example:
For 2
Synchro-Quasar-L
Motors

DC Power Cable (59")



Synchro-Quasar-L Actuators from FFI

in stock items ship within 72 hours.

color	24"	30"	40"
silver anodized	41249T	41252W	41255Z
black RAL 9005 paint	41250U	41253X	41256A
white RAL 9010 paint	41251V	41254Y	41257B