



Features and Benefits

- Quasar-L is ideal for large awning windows, hoppers, curtain wall vents and skylights.
- Quasar-L is a version of the Quasar with longer chain lengths and a longer case.
- Multiple vents can be wired in parallel, and can be operated by building management systems.
- Chain operator is self-adjusting for proper closure at installation.
- Operator has stainless steel, double-link chain for rigidity and durability.
- The 24” chain operator opens a 48” tall/264 lb. or 82” tall/451 lb. window or vent.
- The 30” chain operator opens a 48” tall/134 lb. or 82” tall/229 lb. window or vent.
- The 40” chain operator opens a 48” tall/54 lb. or 82” tall/92 lb. hopper window or vent.
- 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

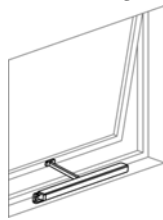
	Quasar-L AC			Quasar-L DC (UL)		
chain stroke length	24”	30”	40”	24”	30”	40”
push / pull force	66/66 lbs	33/66 lbs	22/66 lbs	66/66 lbs	33/66 lbs	22/66 lbs
supply voltage	100 Vac – 240 Vac , 60 Hz (U.S. House Current Compatible)			24 Vdc ± 10%		
current draw	0.48 amps – 0.2 amps			0.9 amps		
power cable (59”)	4 conductors (2xload, common, ground)			2 conductors (± polarity inversion)		
chain speed	0.6 inches per second			0.6 inches per second		
limit stop	electronic limit switch			electronic limit switch		
safety stop	electronic overload switch			electronic overload switch		
typical switch	SPDT momentary contact (3 leads + ground)			DPDT maintained contact (6 leads)		
safety marks	ANSI/UL/UR (pending) ; CE mark			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

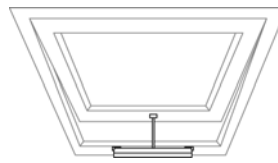
On Wall or Frame



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

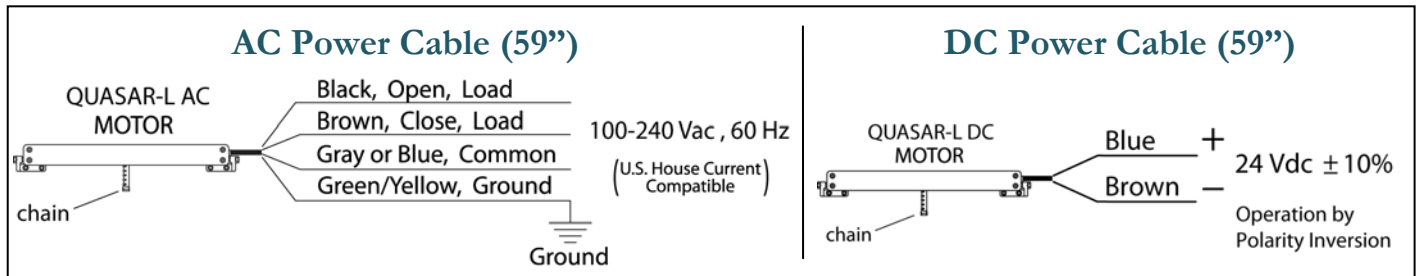
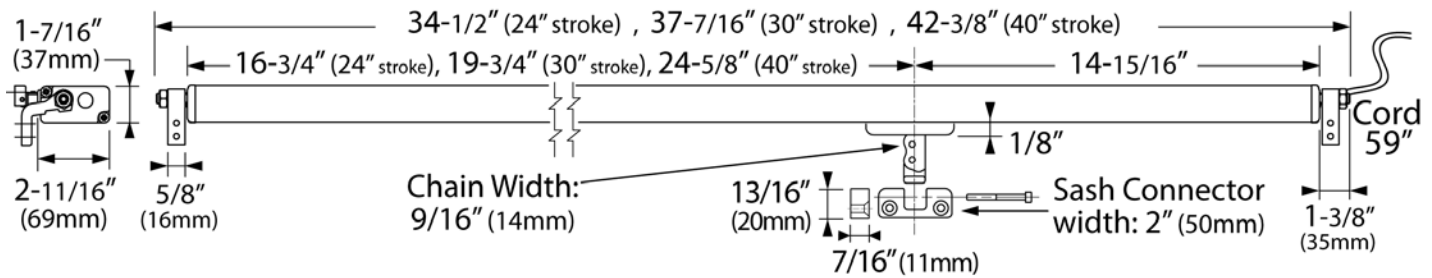


chain operator attached to frame



Standard-L pivot brackets (included)

Case Dimensions



Quasar-L Actuators from FFI

in stock items ship within 72 hours.

color	AC Actuators			DC Actuators (UL)		
	24"	30"	40"	24"	30"	40"
silver anodized	41052C	41055J	41058R	41163M	41166U	41169A
black RAL 9005 paint	41053D	41056K	41059S	41164P	41167W	41170J
white RAL 9010 paint	41054E	41057L	41060T	41165S	41168Y	41171L