

Features

- Quasar actuators are for awning windows, casement windows, hoppers, curtain wall vents and skylights.
- Twin Synchro Quasar is for wide vents that require 2 to 4 motors, providing multiple sash connection points and synchronized operation. Available in low voltage 24VDC only.
- Multiple vents can be wired in parallel, and can be operated by building automation systems.
- Available as 15" (380mm) or 20" (500mm) chain operator; self-adjusting for proper closure at installation.
- Operator has stainless steel, double-link chain for rigidity and durability.
- Examples of 135 lbs operating force: 48" tall/864 lb. vent, 82" tall/1476 lb. vent or a 270 lb. skylight (with 15" chain).
- Low-profile, attractive aluminum case; available in Black, White or Grey paint.
- Minimum sash height is 12" for 15" chain (16" for 20" chain).
- Twin Synchro Quasar F-Signal has opening and closing feedback signal, ask for data sheet.
- Two-year UCS manufacturer's warranty. Requires reading AFI Install Guide before purchase, and confirmation of project and installation specs by licensed electrical contractor.



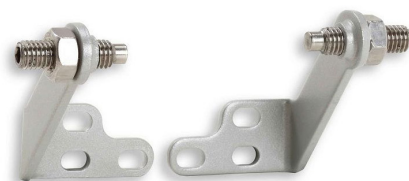
Twin Synchro Quasar

Part #	Chain	Color	Stroke (and force)
41178B*	15" Chain	Grey	Up to 380mm (600N)
41179D*		Black	Up to 380mm (600N)
41180M*		White	Up to 380mm (600N)
41181P	20" Chain	Grey	Up to 500mm (600N)
41182S		Black	Up to 500mm (600N)
41183U		White	Up to 500mm (600N)

* 10 unit minimum order quantity on 15" chain models.



Mounting brackets available separately



Mounting brackets ordered separately
Long Slim model, fits most profiles.

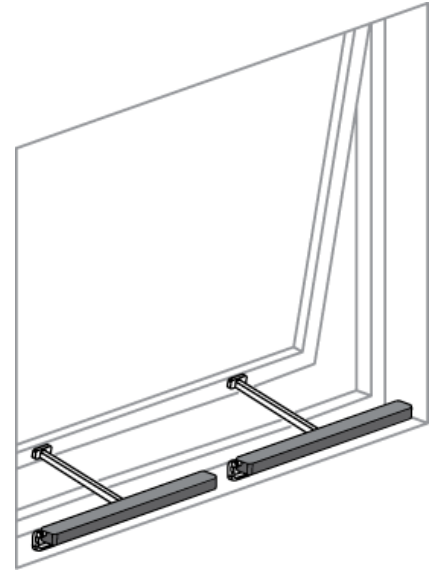
Mounting Brackets (Ordered separately)

Part #	Style	Color
41898F	Long Slim	Grey
41899G		Black
41900H		White
41901I	Short Slim	Grey
41902J		Black
41903K		White
40843F	Die-cast	Grey
40844G		Black
40845H		White



Specifications

Supply voltage	24VDC Low Voltage
Nom. Current draw	1.8A average
Limit stop	(Open): Built in limit switch (Closed) Integrated electronic power cut-off
Chain stroke (approx)	380mm (12") or 500mm (20")
Push force (Max)	135 lbs (600N)
Pull force (Max)	135 lbs (600N)
Chain speed	15mm/sec
Dimensions	1485 x 69 x 37mm (58 ⁷ / ₁₆ " x 2 ¹¹ / ₁₆ " x 1 ⁷ / ₁₆ "
Power cable	UL cable 1.5 meter included, white color
Run/Rest cycle	For every 60 sec running (on), must then rest (off) for 120 sec
Ambient Oper Temp	-10 °C to +60 °C (14 °F to 140 °F)
Listing	UL Listed
Protection class	IP20
Colors	Powder-coated: Grey (RAL 9006), White (RAL 9010), or Black (RAL 9005)
Opening mechanism	Stainless steel chain, chain is centered in case



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