



Motorized Operators for Casement & Awning Windows



Marvel™

The Next Generation of Power Window and Skylight Operating Systems.

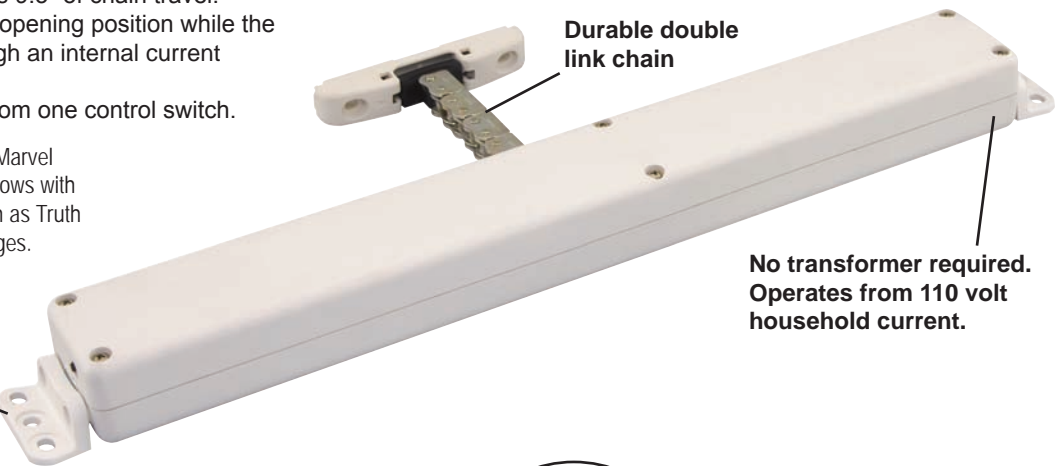
Truth Hardware's new Marvel™ power operator system for windows and skylights proves that simpler can be better. Challenged with the expectation of window and skylight manufacturers with providing a small and sleek motorized system that is simple to install, easy to operate and above all affordable—Truth is confident that the Marvel System is the answer.

Easy to Install and Operate

With installation templates provided in each kit, the mounting brackets used to help secure the Marvel Operator to the center of your window makes this system one of the easiest systems to install.

- Three styles of mounting brackets accompany this product to allow for easy mounting.
- Can be face-mounted or mounted to applications with sills.
- Rated to lift skylight sashes that weigh up to 90 lbs.
- Rated for use in outdoor applications only.
- Controlled using a standard, single pole / double throw, center off momentary contact switch. (Not Supplied)
- Durable double link chain produces 9.5" of chain travel.
- Electronic limit switch controls the opening position while the closing position is controlled through an internal current sensing feature.
- Users can operate multiple units from one control switch.

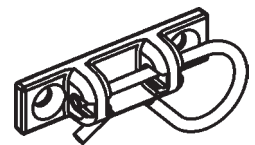
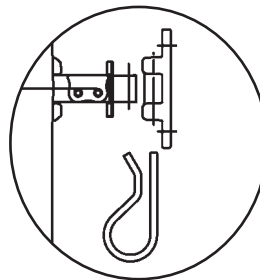
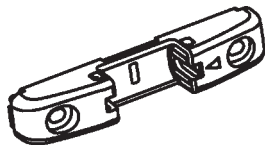
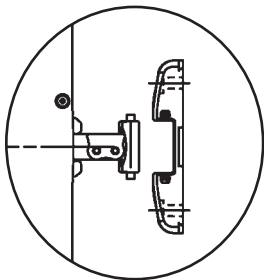
Note: When used on awning windows, the Marvel System is designed to work on awning windows with a properly sized counter balance hinge such as Truth Hardware's 13 series or 34 series 4-bar hinges.



Durable double link chain

No transformer required. Operates from 110 volt household current.

Three styles of mounting brackets to allow for easy mounting



Snap Bracket Type

Part #	Truth #	Finish
39-760-1	42.90.03.100	Bronze
39-760-32	42.90.38.100	White (Weathershield)

Pull Pin Bracket Type

Part #	Truth #	Finish
39-789-1	42.90.03.101	Bronze
39-789-32	42.90.38.101	White