

PRODUCT TIPS

1. We do not recommend the use of the Sentry II WLS on any casement window system that does not meet AAMA 101 hardware load requirements. All hardware and motor system warranties are void if the window system does not meet these guidelines.
2. Awning windows must be equipped with a properly sized counterbalance hinge such as our 13 series or 34 series 4-bar hinges. If an awning window is specified with butt (or continuous) hinges, a skylight operator and motor system must be used. All hardware and motor system warranties are void if these guidelines are not followed. (See Tech Notes).
3. Unless otherwise specified, the Sentry II WLS power window system is designed to operate any properly sized rotary hardware and hinge system manufactured by us. Use of the Sentry II WLS motor system on windows or skylights with manual hardware manufactured by companies other than us. Hardware is at your own risk. For verification, look for our logo/name stamped on the hinge and operator arm, or consult with the window manufacturer. If your hardware is not manufactured by us, contact our technical service department for available options.
4. The Sentry II WLS system is rated for use in indoor applications only.
5. The Sentry II WLS power skylight system is designed to be used on skylight operators that lift to open and pull to close in the center of the skylight. Therefore, the stiles of the skylight panel must be rigid enough in the closed position to ensure proper corner pull-in for a weather tight seal and rigid enough in the open position to provide proper skylight stability when supported at a single center point. The wider the skylight is, the more significant this issue can become.

The Sentry II WLS requires 1 amp of 120 VAC.

ARCHITECT SPECS

Motorized system for skylights (not exceeding 80 lbs.), awning or casement windows. Mounting should accommodate wood, PVC or metal

skylights and windows. Motorized system shall replace the handle on crank type skylight, casement or awning window operators manufactured by us. The motor drive to be constructed of a high-pressure zinc die cast housing, containing hardened steel drive gears and a high torque 24-volt DC motor. Interchangeable drive adapter allows the system to be compatible with all our operators and many other window hardware systems not manufactured by us (contact technical services for a list of compatible hardware). Mounting hardware to be provided to accommodate a wide range of window profile shapes and materials. Unit to be available with a decorative plastic cover which allows convenient access to mechanical components and easy installation. The control system is to be supplied with standard line voltages from 100 to 240 VAC at 47 to 440 Hz. (no transformer required). The wall mounted motor control is to come complete with its own receptacle box and cover plate. Motor system kit shall include motor drive, decorative cover, wall control, and mounting hardware. This motor system shall be "Sentry II WLS" series.