

## PRODUCT TIPS

1. To help prevent personal injury from moving skylight parts, the skylight must be installed at least eight feet above the floor, or an inside screen must be applied to the skylight with the provided screen interlock properly installed. Adherence to these safety requirements is the responsibility of the installer.
2. The Sentry II HS system is rated for use in indoor applications only.
3. When choosing between the non-synchronous or synchronous Sentry II HS motor system, consider the rigidity of the skylight panel. Since each motor system is designed to lift open and pull close at a single contact point, 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. The wider the skylight is, the more significant this issue can become. Therefore, the rigidity of some skylight sizes may make it necessary to use two or more synchronous motor systems even though the weight of the skylight may only require a single motor system.
4. The Sentry II HS requires 1 amp of 120 VAC

## ARCHITECT SPECS

Skylight operating hardware should be suited for roof window, and skylight installation for wood, PVC, and metal materials. Skylight Bases shall be provided with a special high quality gear reduction (high output torque) to meet required maximum sash weight of 160 lbs. (72.6 kg.), unit to be constructed of high-pressure zinc diecast case electrostatically painted. Each base is complete with steel chain, pocket, and detachable sash bracket. The chain sprocket shall be hardened steel and an acetal chain guide must be provided. Base modules with a Motorized Drive shall be low profile in design. Unit to be available with snap-on, decorative ABS cover conveniently accessible to motor, mechanical, and electronic components. The mechanical closing pressure shall not exceed 70 lbs. Supply electronic circuitry for sensing rain and accommodation of remote control. Each unit shall be equipped with auxiliary contacts for additional thermostatic control, security, fire or smoke alarms, or computer control. The control system is to be supplied with standard line voltages from 100 to 240 VAC at 47 to 440 Hz (no

transformer required). Motor kits to include motor, rain sensor, and hardware pack. Remote control shall operate at a minimum distance of 50 ft. from skylight operator. Power skylight system shall be "Sentry II HS".