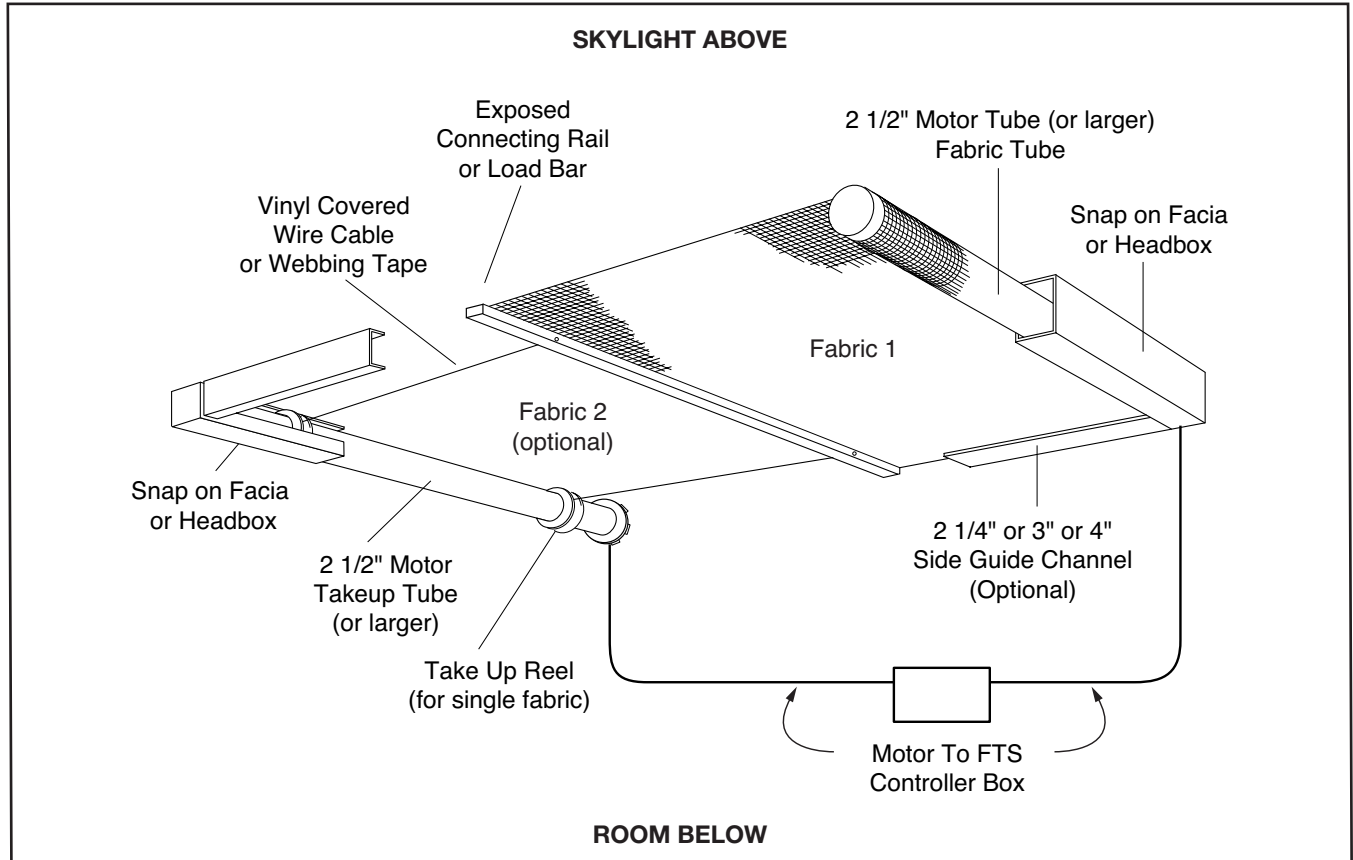


FTS MOTOR SKYLIGHT SPECIFICATIONS

Top-quality architectural shading systems for optimum solar control



Motorized Skylight Shades

Motorizing skylight systems allow complete control of overhead windows, using solar shading materials or blackout fabrics. Fabric tension system hardware consists of dual motorized tubes, fabric secured between 2 tubes with cable or industrial webbing on take-up reels or “C” clamps mounted on 2½” diameter tubes. If blackout and solar material screening are desired, the 2 materials can be welded together and wrapped on each tube, allowing for both solar screening and blackout capabilities. The system is designed to tighten the fabric when it has been fully opened. Skylight can be flat or sloping.

Roll Direction

Standard FTS System has fabric rolling off the top of the tube (closest to the glass/skylight). Standard motor location is R/R (looking up from room).

Brackets

The mounting brackets for motorized shades are heavy duty steel. Each of the 4 brackets are positively secured to the motor and idle components.

The Motors

The tubular AC motors are 120 volt and designed to meet U.S. and international electrical standards. The motors are fully-encapsulated for greater shock resistance and quieter operation. The controller operates each motor independently to maintain the dynamic (moving) tension. The final (static) tension sets the fabric to eliminate sagging when the fabric is fully closed.

Lift Capacity & Speed

Motors turn at 20 RPM and operate skylight tension systems of up to 300 square feet of material area.

Tube and Load Bar

The standard tubes are 2½" diameter extruded aluminum with keyways to secure fabric with SKYCO's standard vinyl interconnect. The load bar is 1"x1½" aluminum rectangle, depending on the width of the shade fabric. The shade can be tracked in side channels where blackout shades are required. Wide shades require wheeled side carriers with 4" angle trim. Shades over 8 feet wide require oversized tubes (3½" and larger).

Fascia System or Headbox Covers

A snap-on 4" aluminum fascia panel covers the shade tubes and motor hardware and provides a sleek finished look. The fascia panel is available in white, bone, black, clear anodized and dark bronze in a high quality enamel finish. Shades over 8 feet wide require custom fascias. Headbox covers come 3 and 4 sided depending on fabric roll. Special size boxes are available for wide shades with large diameter tubes.

Accessory Components

Accessory components available with motorized shades include single and double side channels. headboxes are available if larger size coverings are required.

Motor Controls

Operating shades can be as simple as a single switch operating one shade, or integrating computer systems and Audio Visual interface. Controls are in groups, sub-groups and individual by use of timers and sun/light sensors.

Fabrics

Select from the SKYCO Shading Systems fabric selector. All materials are FR-rated and are acceptable for commercial application. Materials are available with openness of 1 to 20% and complete blackout. Customers own materials (COM) may be submitted for review to determine fabrication acceptability.

Note: Skyco recommends PVC coated fiberglass materials for FTS Skylight systems. Polyester yarn fabrics can stretch causing hourglass condition or loose tensioning.



Skyco Shading Systems, Inc.

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