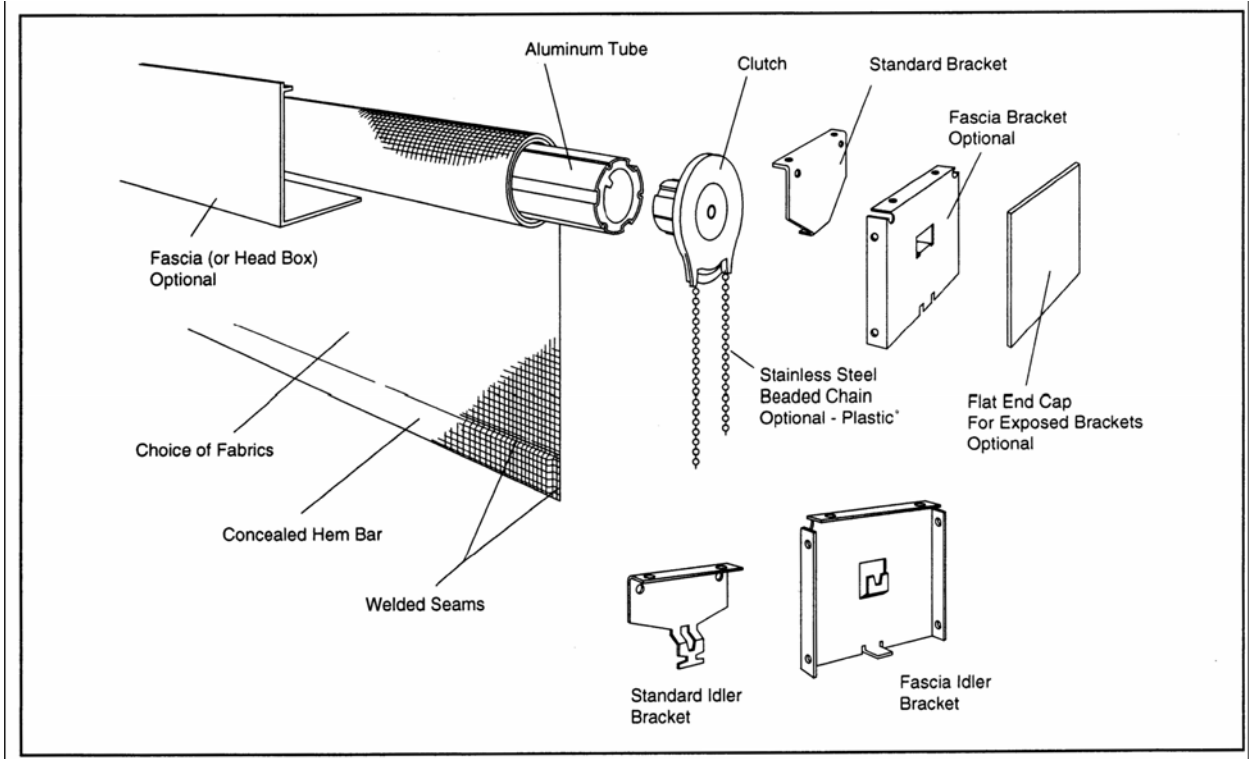


# MANUAL SHADES - R24 SPECIFICATIONS

Top-quality architectural shading systems for optimum solar control



## Tech™ Shades - R24 System

The superb styling of the Tech Shade by Elizabeth Shutters offers excellent light and glare control with an uninterrupted view to the exterior. Blackout materials are offered for complete light control. The R24 mechanisms is to be specified for large shades in commercial installations such as restaurants, institutional, and commercial office interiors with shades up to 20 lbs and/or 140 square feet combined width and length. The shade represents the same appearance, inside and out, so they are ideal for many different architectural settings. All Tech Shades by Elizabeth Shutters are custom made to your exact size, color and material specifications.

## Clutch

Heavy duty clutch mechanism allows for positioning of the shade with precise accuracy. The clutch is bi-directional, never needs adjustment, and stops automatically, holding the shade in the exact position when you stop pulling. The clutch components are made with (5) high-carbon steel springs molded glass-reinforced Valox or Type 6 nylon from GE Plastics. The mechanism comes in vanilla or black.

## Spring Assist Mechanism

Heavy shades lift easily by reducing the pull force of heavier shades to approximately 6 lbs. No field adjustment is necessary.

## **Control Loop**

The operating control can be located at either the right or left side of the shade. It comes standard with a #10 qualified stainless steel ball chain. Steel ball stops are used to control the upper and lower stop positions.

## **Brackets**

The “universal” standard mounting brackets for the R24 mechanism can be rear, side or ceiling mounted. The brackets are .125 gauge nickel-plated steel.

## **Tube and Hem Bar**

The tube is standard 2 ½” diameter extruded aluminum in .071 gauge. 1 ½” tubes may be used for shades under 80” in width. The fabric is heat welded to a soft vinyl interconnect and press-fit into a key way allowing for simple field adjustability, or change of shade band materials. The custom design of the aluminum extension hem bar provides for maximum rigidity. The bar is inserted into the hem pocket and heat welded at the top of the side to provide a refined unobtrusive appearance. Round or oval hembars are available on request.

## **Fascia System & Headboxes**

A snap-on 4” aluminum fascia panel covers the shades, roller, and mounting hardware and provides a sleek finished look. The fascia panel is available in white, bone, black, clear anodized or bronze, in a high quality baked on finish. Fascia brackets are used to support both the roller tube and fascia panel. The brackets are universal and are finished to match the fascia panels. 4 ½” square headboxes with 3” closure plates are also available.

## **Accessory Components**

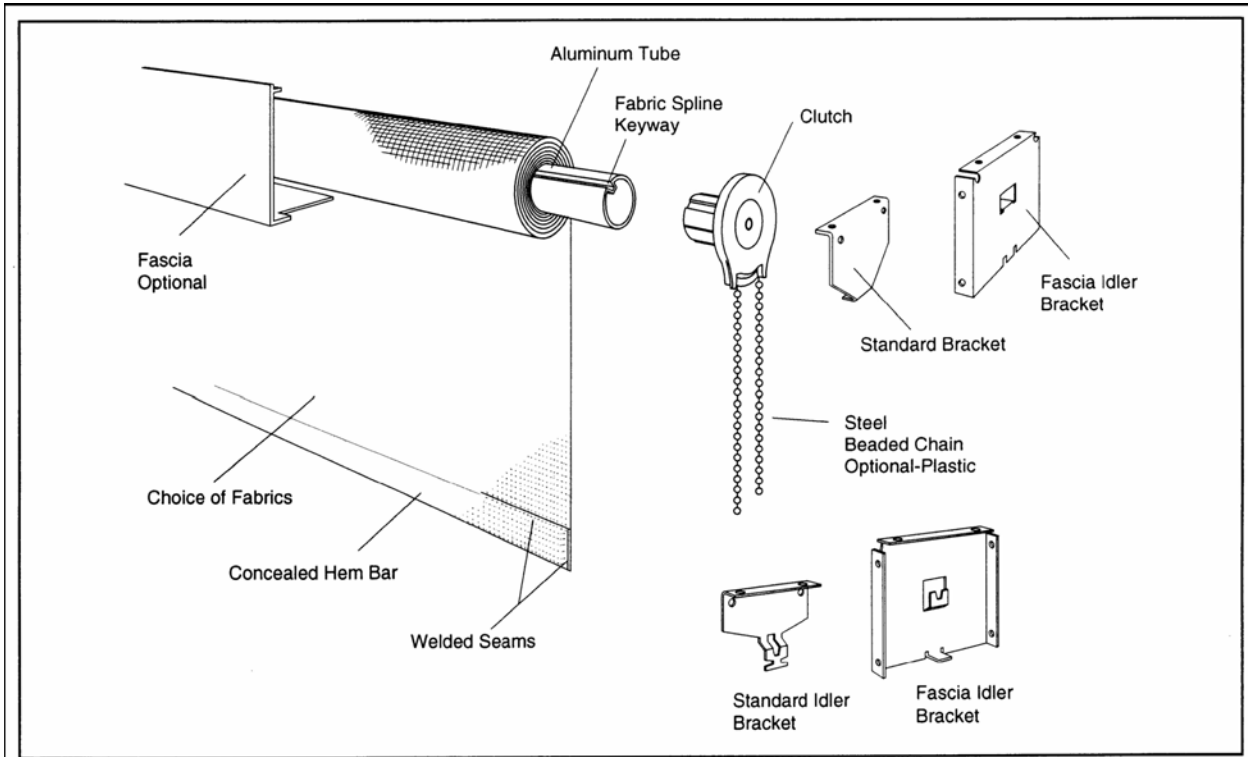
Accessory components available include single or double side-channels, sill-channel, closure plates and attachment strips.

## **Fabrics**

Select from the Elizabeth Shutters fabric selector. All materials are FR Rated and are acceptable for commercial application. Materials are available with openness factors of 1 to 20% and complete blackout. Customer’s own materials (C.O.M.) may be submitted for review to determine fabrication acceptability.

# MANUAL SHADES – R16 SPECIFICATIONS

Top-quality architectural shading systems for optimum solar control



## Tech™ Shades – R16 System

The superb styling of the Tech Shade by Elizabeth Shutters offers excellent light and glare control with an uninterrupted view to the exterior. Blackout materials are offered for complete light control. The R16 mechanism is to be specified for large shades in commercial installations such as restaurants, institutional, and commercial office interiors with shades under 14 lbs and/or 130" in length. The shade represents the same appearance, inside and out, so they are ideal for many different architectural settings. All Tech Shades by Elizabeth Shutters are custom made to your exact size, color and material specifications.

## Clutch

Heavy duty clutch mechanism allows for positioning of the shade with precise accuracy. The clutch is bi-directional, never needs adjustment, and stops automatically, holding the shade in the exact position when you stop pulling. The clutch components are made with 3 high-carbon steel springs molded glass-reinforced Valox or Type 6 nylon from GE Plastics. The mechanism comes in vanilla or black.

## Control Loop

The operating control can be located at either the right or left side of the shade. It comes standard with #10 qualified stainless steel ball chain. Steel ball stops are used to control the upper and lower stop positions. Plastic #10 beaded chain (optional) is available in bone, white or black. Snap on plastic connectors control the upper and lower stop positions.

## **Brackets**

The “universal” standard mounting brackets for the R16 mechanism can be rear, side or ceiling mounted. 1 ½” projection brackets are .075 gauge nickel plated steel. 2” projection brackets are .125” gauge nickel plated steel.

## **Tube and Hem Bar**

The tube is standard 1 ½” diameter extruded aluminum. The fabric is heat welded to a soft vinyl interconnect and press-fit into a key way allowing for simple field adjustability, or change of shade band materials. The custom design of the aluminum extension hem bar provides for maximum rigidity. The bar is inserted into the hem pocket and heat welded at the top of the side to provide a refined unobtrusive appearance. Round or oval hembars are available on request.

## **Fascia System & Headboxes**

A snap-on 3” aluminum fascia panel covers the shades, roller, and mounting hardware and provides a sleek finished look. The fascia panel is available in white, bone, black, clear anodized or bronze, in a high quality baked on finish. Fascia brackets are used to support both the roller tube and fascia panel. The brackets are universal and are finished to match the fascia panels. Custom colors are available upon request.

## **Accessory Components**

Accessory components available include single or double side-channels, sill-channel, closure plates and attachment strips.

## **Fabrics**

Select from the Elizabeth Shutters fabric selector. All materials are FR Rated and are acceptable for commercial application. Materials are available with openness factors of 1 to 20% and complete blackout. Customer’s own materials (C.O.M.) may be submitted for review to determine fabrication acceptability.