



## AUTODRAPE® Models 936SFR and 963S



Model 936SFR



Close-up of RCS-1 (standard)



Close-up of RCS-2 (optional)

NOTE: Shown With And Without Guard required for UL/ETL compliance.	Model No.	
	936SFR	963S
Horsepower	1/3	1/3
Volts	120 Vac	120 Vac
Phase	1	1
Drum diameter (inches)	4	6
Cable speed (fpm)	27	40
Number of control wires (Plus Ground)	4	4
Control Voltage	24 VAC	24 VAC
Approximate overall dimensions:		
Length	26	26
Width	12	12
Height	16	16
App. Shipping Weight (lbs.)		



Curtain Operator \*applicable only to single phase units when UL approved guards are installed.



ETL LISTED DOOR, DRAPERY, GATE, LOUVER AND WINDOW OPERATORS AND SYSTEMS  
Conforms To ANSI/UL-325



Models 936SFR and 963S are designed to operate side and top screen masking panels. These machines are equipped with either a 4" diameter steel (936SFR) or 6" diameter aluminum (963S) grooved cable drum to assure positive positioning of the masking panels. Standard on these machines is the Model MCS control circuit which provides Stop/Start/Reverse control from any point of travel and which interfaces to many automation systems. Control voltage of 24 Vac makes the machines compatible with most automation systems on the market. These machines can also be equipped with our optional multiple-stop controls allowing the user to preset various formats such as slide, flat, scope etc.

### OUTSTANDING FEATURES:

#### GROOVED CABLE DRUM

Assures positive drive without cable slippage. Constructed of either aluminum 6" diameter x 5" long or steel 4" diameter x 4" long. Coated wire-center cable must be used. Cable size (1/4" max) must be specified when ordering. Drum must be at least 10' from track live-end pulley, or last pulley in system to allow cable to wind properly on drum.

#### CONTROL STATIONS

Three-button type and marked Open, Close and Stop. To reverse direction appropriate button is pushed. No limit to number of control stations that can be used with this type of machine. Two supplied with each machine, one on the machine and one for use as a remote control station. 24 VAC.

#### ROTARY LIMIT SWITCH

Allows for user defined pre-set stops for the "Full Raise" and "Full Lower" positions. Fully adjustable cam type assembly.

#### MAGNETIC CONTACTOR

Provides Start/Stop/Reverse control for the machine. Compatible with most automation systems. LVCS Low Voltage Control System 24 VAC standard.

#### DISCONNECT SWITCH

Toggle switch which removes power to machine's internal circuitry.

**Power will still be active at the machine terminal strip and on one side of the disconnect switch. To completely remove power from the machine for Servicing, power must be shut off at its source And locked out according to OSHA regulations.**

#### OVERLOAD PROTECTIVE BREAKER

Helps protect the machine, track and curtain against the effects of accidental overload.

#### THERMAL OVERLOAD

Built into some motors to help prevent possible damage to the motor due to overheating (furnished on some single phase motors only).

#### SAFETY RELAY

Prevents single phase motor from continuing to run in the same direction when a push-button is pressed at the same instant the limit switch is tripped.

### SUGGESTED SPECIFICATIONS FOR MODELS 936SFR, 963S

Curtain machines shall be fully automatic type with 1/3 HP motor connected through V-belt drive to gear unit, on the output drive shaft of which shall be mounted elevator-type grooved cable drum. Mechanism shall include magnetic contactor to provide reversing action at any point along the travel and shall include three-button control stations mounted on unit and one for remote control. Control switch wiring shall be accomplished through low voltage system running from the machine's control box to the remote control station. Limit switch assembly shall be mounted integrally with gear unit. Safety guard shall be provided over V-belt drive and limit switch chain drive. Machine shall be equipped with disconnect switch, overload protective breaker. The entire mechanism shall be mounted on steel base. Model 936SFR or 963S as manufactured by Automatic Devices Company of Allentown, PA.