



**AUTODRAPE® Models 936 and 1456**  
**SILVER SERVICE® Model 2906**  
**HERCULES® Model 6506**

Model 936



Close-up of RCS



	Model No.			
	936	1456	2906	6506
ETL LISTED DOOR, DRAPERY, GATE, LOUVER AND WINDOW OPERATORS AND SYSTEMS 56613 Conforms To ANSI/UL-325				
Horsepower	1/4	1/3	1/2	3/4
Volts (Power and Control)	115	115	115	115
Phase	1	1	1	1
Lifting Speed (fpm)	18	18	18	18
Maximum Cable Pull (lbs.)	200	300	400	450
Number Wires for Remote Control (Plus Ground)	3	3	3	3
App. Overall Dimension (inches)				
Length		29	29	29
Width		11	11	11
Height		17	17	17
App. Shipping Weight (lbs.)	155	155	160	165

These machines are not to be used for the lifting, supporting, or transporting of people. These machines should not be used to move objects over areas where people are present unless suitable safety devices are installed. Other data will be found in the Curtain Machine Selector Guide (page 86).

NOTE: Guard not shown. Required for ETL compliance.

### CONTROL SWITCH

Three-position maintained toggle type. Only one remote control can be used with this machine, this being wired temporarily to machine at the factory to allow limit switch setting during installation. Magnetic Control System (MCSA) and Low Voltage Control System (LVCS), available as options and allow the use of any number of remote control switches.

### BRAKING EFFECT

Provided by the gear reduction unit only. Provided when switch is moved to center "off" position. A friction type magnetic brake is available as an option.

### DISCONNECT SWITCH

Safety 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

Automatic type helps protect machine, track and curtain against effects of accidental overload. Must be manually reset.

### THERMAL OVERLOAD

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

Models 936, 1456, 2906 and 6506 were designed for raising and lowering curtains on projects where moderate cost is an issue. These machines are not equipped with friction brakes and may drift when stop command is issued. A fairly high reduction in the gear unit helps minimize this drifting. Stop, Start and Reverse action is provided with a reversing motor and three-position maintained control switch. Integral rotary limit switches are provided for the "Full Raise" and "Full Lower" positions.

### OUTSTANDING FEATURES

#### CABLE SPOOL

Helps ensure positive drive and minimize cable slippage. Constructed of coated steel 4" diameter x 8" long. Coated wire-rope center cable must be used.

#### EMERGENCY HAND CRANK

For conversion to hand operation in case of mechanical or power failure.

#### ROTARY LIMIT SWITCH

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

### SUGGESTED SPECIFICATIONS FOR MODELS 936, 1456, 2906 OR 6506

Curtain machines shall be fully automatic type equipped with ... HP special reversing motor connected through V-belt drive to single reduction gear unit, on the output shaft of which shall be mounted in elevator-type un-grooved steel cable spool delivering lifting speed of 18 feet per minute. Remote control switch shall provide reversing action at any point along elevated travel and shall be composed of three-position, maintained contact toggle-type switch. Integral rotary limit switch shall be driven from output shaft of gear reduction unit. Machine shall be equipped with disconnect switch, overload protective breaker, and emergency hand crank for conversion to hand operation. The entire mechanism shall be mounted on a steel base. Model ... as manufactured by Automatic Devices Company of Allentown, PA.