

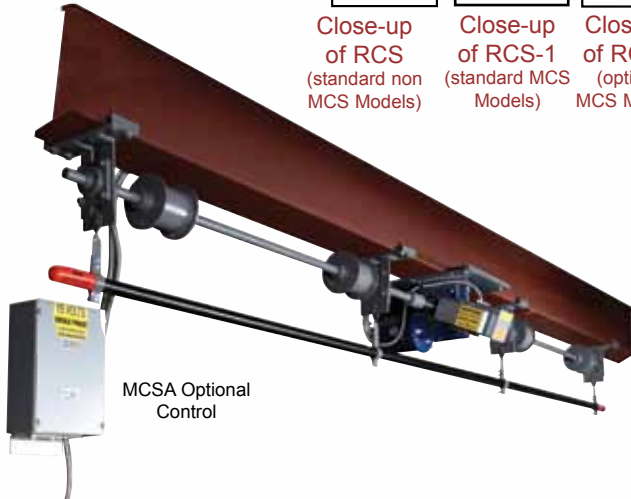
# LIFT CURTAIN MACHINES: GYM DIVIDER




**AUTODRAPE® Model 1452**  
**SILVER SERVICE® Model 2902**  
**HERCULES® Model 6502**



Close-up of RCS (standard non MCS Models)      Close-up of RCS-1 (standard MCS Models)      Close-up of RCS-2 (optional MCS Models)



	Model No.		
	1452	2902	6502
 ETL LISTED DOOR, DRAPERY, GATE, LOUVER AND WINDOW OPERATORS AND SYSTEMS 56613 Conforms To ANSI/UL-325			
Horsepower	1/3	1/2	3/4
Volts (Power and Control)	120	120	120
Phase	1	1	1
Lifting Speed (fpm)	29	29	29
Maximum Lift Capacity (lbs.)	150	200	300
Number of Wires to Remote (Plus Ground)	3	3	3
Length	24	24	24
Width	9	9	9
Height	10	10	10
Shipping weight	85	85	90

All data listed above based on 4" diameter spools.

These machines are not to be used for the lifting, supporting, or transporting of people. These machines should not be used over areas where people are present unless suitable safety devices are installed. Neither is supplied as a standard part of the unit. Other data will be found in the Curtain Machine Selector Guide (page 86).

Models 1452, 2902 and 6502 are designed for mounting directly to a steel beam by means of compression clamps. The machine's output shaft is coupled directly to a solid steel shaft (Model ST-1) and is supported by pillow blocks (Model BBA-3) along its length from a common steel beam. Painted steel spools (Model SP-1) are attached to the steel shaft and the individual lift lines are then attached to these spools. These units are equipped with motors which provide instantaneous stop, start, and reverse action from any point of travel. Integral rotary limit switches provide user definable pre-sets for the "Full Raise" and "Full Lower" positions. The exact size of the supporting beam must be supplied at time of order.

## OUTSTANDING FEATURES:

### CONTROL SWITCH

Three-position maintained toggle type (non-MCS). Only one remote control station can be used with this model, this being wired temporarily to machine at the factory for making limit switch settings during installation. Magnetic Control System (MCSA) and Low Voltage Control System (LVCS), available as options. These options allow the use of any number of remote control stations (MCS Models only).

*\*See Mechanical Gym Equipment Cut Sheet for additional information.*

### BRAKING

Produced by gear reduction only, so some drifting may occur. Magnetic friction brakes, which provide more precise stops, are available as an option.

### ROTARY LIMIT SWITCH

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

### DISCONNECT SWITCH

Toggle switch which removes power to the 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 motor due to overheating (furnished on some single phase motors only).

## SUGGESTED SPECIFICATIONS FOR MODELS 1452, 2902 OR 6502

Curtain machines shall be fully automatic type equipped with ... HP reversing motor directly connected to single reduction gear unit. Remote control switch shall provide reversing action at any point along elevated travel and shall be composed of three-position, maintained toggle-type switch. Integral rotary limit switch shall be driven from output shaft of gear reduction unit. Machine shall be equipped with disconnect switch and overload protective breaker. The entire mechanism shall be mounted on a steel base. Model ... as manufactured by Automatic Devices Company of Allentown, PA.