LIFT CURTAIN MACHINES: GYM DIVIDER

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

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.

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.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Horsepower</th>
<th>Volts (Power and Control)</th>
<th>Phase</th>
<th>Lifting Speed (fpm)</th>
<th>Maximum Lift Capacity (lbs.)</th>
<th>Number of Wires to Remote (Plus Ground)</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Shipping weight</th>
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</thead>
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<tr>
<td>1452</td>
<td>1/3</td>
<td>120</td>
<td>1</td>
<td>29</td>
<td>150</td>
<td>3</td>
<td>24</td>
<td>9</td>
<td>10</td>
<td>85</td>
</tr>
<tr>
<td>2902</td>
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<td>120</td>
<td>1</td>
<td>29</td>
<td>200</td>
<td>3</td>
<td>24</td>
<td>9</td>
<td>10</td>
<td>85</td>
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<td>9</td>
<td>10</td>
<td>90</td>
</tr>
</tbody>
</table>

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).

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).