Models 2905-TV, 6505-TV and 7005-TV combine versatility with the power and drum capacity needed to operate large draw curtains. Equipped with electronic frequency drives, the TV series machines are the most versatile in the ADC line. Designed for draw applications, these machines offer a multitude of parameters that can be programmed in the field to meet a variety of applications. Parameters such as run speed, maximum obtainable speed, minimum obtainable speed, acceleration ramp time and deceleration ramp time are easily changed at the drive. These machines also feature emergency overtravel limit switches which allow the machine to decelerate to a stop rather than abruptly stop at the end of its travel. A Cable Tension Device is included as standard equipment. A magnetic brake, for precise stopping, is available as an option.

**Outstanding Features:**

**Grooved Cable Drum**

Assures positive drive without cable slippage. Aluminum construction 8" diameter x 12" long. Coated wire-center cable must be used. Drum must be at least 14' from track live end pulley, or last pulley in system to allow cable to wind properly on drum.

**Variable Speed** (0-72 RPM)

Speed cannot be adjusted while machine is operating without effecting limit positions.

### Suggested Specifications for Models 2905-TV, 6505-TV or 7005-TV

<table>
<thead>
<tr>
<th>Horsepower</th>
<th>Input Voltage/Phase</th>
<th>Cable Speed (fpm)</th>
<th>Number of Remote Wires</th>
<th>Control Voltage</th>
<th>(Plus Ground)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2</td>
<td>120/220 1</td>
<td>0-72</td>
<td>6</td>
<td>24 VAC</td>
<td></td>
</tr>
<tr>
<td>3/4</td>
<td>120/220 1</td>
<td>0-72</td>
<td>6</td>
<td>24 VAC</td>
<td></td>
</tr>
<tr>
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<td></td>
</tr>
</tbody>
</table>

Frequency drive machines must be used for any motorized system over 100 feet wide. Failure to do so would void the factory warranty.

**Cable Tension Device**

Helps eliminate cable slack automatically. Also helps retain cable within drum grooves.

**Emergency Hand Crank**

Facilitates hand operation of curtain in case of mechanical or power failure.

**Rotary Limit Switch**

Allows for user defined decelerated pre-set stops for the "Full Open" and "Full Close" positions. The limit assembly is also supplied with emergency overtravel limit switches which bypass the deceleration ramps and shut the machine off immediately.

**Disconnect Switch**

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

**Overload Protective Breaker**

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

**Frequency Control Drive**

Provides user definable parameters of operation. Examples are: run speed, maximum obtainable speed, minimum obtainable speed, acceleration ramp time and deceleration ramp time.