**EcoCup™ creates vacuum without AIR!**

Great for pick-and-place applications of flat, rigid, non-porous parts including: plastic, glass, solar panels, and electronics, as well as other consumer goods with smooth, flat surfaces.

The EcoCup™ features:
- Light-switch operation
- Ultra-fast actuation
- Noise-free operation
- Easy installation and setup
- Reduced maintenance costs
- Easy optional mounting to Scara robots
- Eliminated risk of air-borne contaminants

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### EcoCup™ EC40 Electric Vacuum Cup Assembly

#### Specifications

<table>
<thead>
<tr>
<th>VC-EC40-45N</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Actuation Time</td>
<td>25 ms</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>5° ~ 60°C [41° ~ 140°F]</td>
</tr>
<tr>
<td>Duty Cycle</td>
<td>50% (½ On, ½ Off)</td>
</tr>
<tr>
<td>Voltage</td>
<td>24 VDC</td>
</tr>
<tr>
<td>Current</td>
<td>0.5 Amp</td>
</tr>
<tr>
<td>Weight</td>
<td>0.12 kg [0.25 lb]</td>
</tr>
<tr>
<td>Cup Material</td>
<td>45 Durometer Nitrile</td>
</tr>
</tbody>
</table>

#### Holding Capacity

<table>
<thead>
<tr>
<th>VC-EC40-45N</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended Load</td>
<td>&lt;0.45kg [1.0 lb]</td>
</tr>
</tbody>
</table>

Loads from 0.45kg [1.0 lb] up to 1.81kg [4.0 lb] max. may be used with longer movement times. (See chart in drawing area for greater detail).

#### Operating Instructions:

1. Set cup on smooth, flat surface of part.
2. Apply 24VDC to Pins 3 and 4 on M12 connector. (Center of cup lifts, creating vacuum)
3. Release voltage and part is released.

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Dimensions and technical information are subject to change without notice
EcoCup™ EC40 Electric Vacuum Cup Assembly

Model | Weight
--- | ---
VC-EC40-SRM50 | 111g [3.9 oz.]

EcoCup™ EC40 Optional Apple Core Mounting

Model | Weight
--- | ---
VC-EC40-ACM50 | 40g [1.4 oz.]

EcoCup™ EC40 M12 4-Pin Connector with Rotating Coupling (Contact DESTACO for Custom Solutions)

Model | Weight
--- | ---
Turck #FKM 4.4-0.5 | 14g [0.5 oz.]

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