SPRING-LOCK SYPHON ELBOW

Increase the life of your existing Kadant Johnson syphon elbow by upgrading to the spring-lock syphon elbow. This simple, inexpensive upgrade installs quickly and easily using your existing joint and syphon pipes. The corrosion-resistant materials and increased robustness of the syphon elbow assembly improves syphon performance and reduces maintenance downtime.

The spring-lock elbows are available off-the-shelf for immediate delivery.

Application information

<table>
<thead>
<tr>
<th>Elbow Size</th>
<th>Quick Ship Number</th>
<th>Symbol Number</th>
<th>Collar Diameter</th>
<th>Minimum Journal I.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2” NPT</td>
<td>20A00370</td>
<td>SJ537-16</td>
<td>1.880”</td>
<td>1.90”</td>
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<tr>
<td>3/4” NPT</td>
<td>20A00465</td>
<td>SJ637-13</td>
<td>2.28”</td>
<td>2.30”</td>
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</tbody>
</table>
**Spring-lock design**

Kadant Johnson spring-locking elbows consist of the standard gravity-lock elbow and a spring-lock assembly. The spring-lock assembly consists of five parts:

- (2) Pipe collars, stainless steel (identical parts)
- (2) Collar straps (identical parts)
- (1) Locking spring, stainless steel

**Features of the Kadant Johnson spring-lock system**

- The collars and spring are stainless steel, to avoid corrosion
- The spring-lock assembly can be assembled without any tools
- The pivot pins in the collars cannot loosen and fall out
- The straps are contoured to guide the elbow into the open position for easier removal
- The spring is located on the radial syphon pipe, to minimize the extension into the dryer