Fast, Easy and Safe Connections for High Pressure Refrigeration Filling Applications

- Specifically Designed for New Higher Pressure Refrigerants
- Easy to Operate Connectors with Unrestricted Flow Rate for Male PCU, Hansen or Equivalent Style Tips
- Disconnect Vents Trapped Residual Refrigerant with Minimal Media Loss
- Pressure Lock Feature Prevents Accidental Disconnect Under Pressure
- Heavy Duty Steel Construction and Easy Maintenance for Extended Connector Service Life
**FasTest’s** new Refrigeration Quick Disconnect (**RQD**) takes the pressure out of connecting to refrigerant lines for charging or evacuating cooling appliances and applications. The **RQD’s** unique lever action minimizes the effort necessary for connecting to refrigerant lines under high pressure while adding the lever mechanical advantage to the valve opening. This simple two step connection process reduces worker fatigue and increases manufacturing productivity.

**RQD Lever Action Style for PCU Tips**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Connects to</th>
<th>Diameter Dim “A”</th>
<th>Height Dim “B”</th>
<th>Length Dim “C”</th>
<th>Term. Dim “D”</th>
<th>Rating PSI</th>
<th>Housing Material</th>
<th>Seal Material</th>
<th>Repair Kit</th>
<th>Main Seals Package (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KA04PB</td>
<td>1/4” PCU</td>
<td>1.75”</td>
<td>4.39”</td>
<td>7.00”</td>
<td>1/4” NPT</td>
<td>750</td>
<td>Black Oxide Steel</td>
<td>Neoprene</td>
<td>KR04PB</td>
<td>KSM04</td>
</tr>
<tr>
<td>KA06PB</td>
<td>3/8” PCU</td>
<td>1.95”</td>
<td>4.54”</td>
<td>7.00”</td>
<td>3/8” NPT</td>
<td>750</td>
<td>Black Oxide Steel</td>
<td>Neoprene</td>
<td>KR06PB</td>
<td>KSM06PB</td>
</tr>
</tbody>
</table>

Notes:
1/4” PCU mates to PCU Model 61/62 and 71/72 or equivalent.
3/8” PCU mates to PCU Model 66/67 or equivalent.

**RQD Lever Action Style for Hanson Tips**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Connects to</th>
<th>Diameter Dim “A”</th>
<th>Height Dim “B”</th>
<th>Length Dim “C”</th>
<th>Term. Dim “D”</th>
<th>Rating PSI</th>
<th>Housing Material</th>
<th>Seal Material</th>
<th>Repair Kit</th>
<th>Main Seals Package (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KA04HB</td>
<td>1/4” Hanson</td>
<td>1.75”</td>
<td>4.39”</td>
<td>7.00”</td>
<td>1/4” NPT</td>
<td>750</td>
<td>Black Oxide Steel</td>
<td>Neoprene</td>
<td>KR04HB</td>
<td>KSM04</td>
</tr>
<tr>
<td>KA06HB</td>
<td>3/8” Hanson</td>
<td>1.95”</td>
<td>4.54”</td>
<td>7.00”</td>
<td>3/8” NPT</td>
<td>750</td>
<td>Black Oxide Steel</td>
<td>Neoprene</td>
<td>KR06HB</td>
<td>KSM06HB</td>
</tr>
</tbody>
</table>

Notes:
1/4” PCU mates to ISO standard 7241-1 Series B tips (Hanson 2-K series tips, Parker 60 series tips) or equivalent.
3/8” PCU mates to ISO standard 7241-1 Series B tips (Hanson 3-K series tips, Parker 60 series tips) or equivalent.
Operating Instructions

Connecting the RQD is a simple process that delivers a fast, safe and repeatable high pressure connection to 1/4” and 3/8” PCU and Hanson style tips with a minimal amount of physical effort.

1. RQD sleeve and handle in retracted position ➔
   - Male fitting inserted into RQD connector ➔
   - RQD sleeve pushed forward to engage around male fitting, handle remains in retracted position ➔
   - Exposed silver ring is visual indication that sleeve is fully connected

2. RQD sleeve and handle in retracted position ➔
   - Male fitting inserted into RQD connector ➔
   - RQD sleeve in forward position
   - Handle rotated to forward position
   - RQD is now sealed on male fitting and internal RQD valve is open for flow. Sleeve is locked and will not disconnect under pressure.

To disconnect, simply reverse the RQD connection process. Rotating handle will close the internal RQD valve and vent the trapped media away from the handle.
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