Each gauge is individually tested and calibrated prior to shipment. Due to its sensitivity, the gauge may need to be "zeroed in" prior to usage. Adjusting Gauge Recall to Zero

1. Remove lens plug.
2. Turn recal screw slightly in the opposite direction that pointer is to be moved. Maximum recal screw adjustment is 1/2 turn. Over adjustment will permanently destroy calibration.
3. Replace lens plug.

Gauges are sensitive instruments. Over adjustment and/or being subjected to pressures over dial range are not covered under warranty terms.

### REPAIR PARTS
See your wholesaler for a complete line of gauges

<table>
<thead>
<tr>
<th>REF. NO.</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>U1-6B</td>
<td>3/8&quot; Intake</td>
</tr>
<tr>
<td>2</td>
<td>U1-4A</td>
<td>1/4&quot; Intake</td>
</tr>
<tr>
<td>3</td>
<td>MR-520</td>
<td>Sight Glass</td>
</tr>
<tr>
<td>4</td>
<td>MR-605</td>
<td>Piston w/Seat &amp; O-Rings</td>
</tr>
<tr>
<td>5</td>
<td>MR-607</td>
<td>Stem &amp; Nut</td>
</tr>
<tr>
<td>6</td>
<td>MR-501</td>
<td>Handwheel &amp; Screw</td>
</tr>
<tr>
<td>7</td>
<td>MR-503</td>
<td>Handwheel Screws</td>
</tr>
<tr>
<td>8</td>
<td>MR-509</td>
<td>O-Ring (2)</td>
</tr>
<tr>
<td>9</td>
<td>M2-102N</td>
<td>Hanging Hook</td>
</tr>
</tbody>
</table>

### DEEP VACUUM PUMPS
Featuring Heavy Duty, High Performance 1/2 HP, 60 Cyc Motor
- DV-42N 1.5 CFM
- DV-85N 3 CFM
- DV-142N 5 CFM
- DV-200N 7 CFM
- DV-285N 10 CFM
Also Available With Dual Voltage Motors

Technical service: 800-323-0811
E-Mail: sales@jbind.com
Web Site: www.jbind.com

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LIMITED WARRANTY
INSTRUCTIONS PARTS LIST
**Directions For Use**

Caution: Always consult equipment manufacturer’s service manual or instruction sheet for recommended procedures.

### Operating Pressures
- **To Observe**: Closed
- **To Charge Refrigerant Through Suction Valve**: Open
- **To Charge Liquid Refrigerant Through Discharge Valve**: Closed
- **To Build Low Pressure; For Calibrating Or Leak Detecting**: Open
- **To Purge Refrigerant From Discharge Valve**: Closed
- **To Evacuate With Vacuum Pump**: Open

### For Use
- **Evacuation**: Closed
- **Charging**: Closed
- **Discharge**: Closed
- **Suction**: Closed

### Color Coding
- **To Observe**: Back Seated & Cracked Open
- **To Charge Refrigerant**: Back Seated & Cracked Front Seated
- **To Charge Liquid**: Back Seated Front Seated
- **To Build Low Pressure**: Back Seated & Cracked Open
- **To Purge Refrigerant**: Back Seated & Cracked Open
- **To Evacuate With Vacuum Pump**: Midway Open

### Vacuum Pump
- **Evacuation**: Open

### Limited Warranty

Manifold bar has a lifetime warranty, while the components, i.e., gauges, hoses, handles, hose holders, etc. are covered under the limited warranty policy. Products are warranted for a period of one year from date of shipment by JB and limited to repair, replacement or credit, if in our opinion are defective due to workmanship and/or materials. Defective components should be returned to the wholesaler from which the product was purchased for evaluation.

Manifolds are designed for use with all refrigerants except ammonia (R-717). Working pressures are limited to gauge dial range. Use of this manifold under any other conditions voids the warranty.

### FOR PROFESSIONAL USE ONLY

JB manifolds are designed for use by technically trained AC/R service engineers only. Due to the high pressures encountered in all systems that this manifold will be used on, plus the dangers due to the physical and chemical nature of refrigerants and oils present in all systems, misapplication could result in injury or death.