Directions For Use

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

FOR MANIFOLD

<table>
<thead>
<tr>
<th>Low Side</th>
<th>High Side</th>
<th>Charging and Evacuation Port</th>
<th>Discharge Service Valve</th>
<th>Suction Service Valve</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue</td>
<td>Red</td>
<td>Yellow</td>
<td>Red</td>
<td>Blue</td>
</tr>
</tbody>
</table>

To Observe Operating Pressures

- Closed
- Closed
- Back Seated & Cracked Open
- Back Seated & Cracked Open
- Front Seated

To Charge Refrigerant Through Suction Valve

- Open
- Closed
- Connect Line to Refrigerant Supply
- Front Seated
- Front Seated

To Charge Oil

- Through Suction Valve
- Open
- Closed
- Connect Line to Oil Supply
- Back Seated
- Front Seated

To Charge Liquid Refrigerant

- Through Discharge Valve
- Closed
- Open
- Connect Line to Refrigerant
- Midway Open
- Midway Open

To Build Low Pressure

- For Control Setting
- Or Leak Detecting
- Open
- Refrigerant Line Closed
- Back Seated & Cracked Open
- Midway Open

To Purge Refrigerant

- From Discharge Valve
- Closed
- Open
- Refrigerant Line Open
- Back Seated & Cracked Open
- Midway Open

To Evacuate With Auxiliary Vacuum Pump

- Open
- Open
- Connect to Vacuum Pump
- Midway Open
- Midway 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 pur-
chased 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 encoun-
tered 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.

FORM NO. 23000-308
PRINTED IN U.S.A.
# Deep Vacuum Pumps

Featuring Heavy Duty, High Performance

<table>
<thead>
<tr>
<th>Model</th>
<th>CFM</th>
</tr>
</thead>
<tbody>
<tr>
<td>DV-42N</td>
<td>1.5 CFM</td>
</tr>
<tr>
<td>DV-85N</td>
<td>3 CFM</td>
</tr>
<tr>
<td>DV-142N</td>
<td>5 CFM</td>
</tr>
<tr>
<td>DV-200N</td>
<td>7 CFM</td>
</tr>
<tr>
<td>DV-285N</td>
<td>10 CFM</td>
</tr>
</tbody>
</table>

Also Available With Dual Voltage Motors

**DESCRIPTION**

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 Recal to Zero:

1. Remove lens.
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.

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

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## REPAIR PARTS

See your wholesaler for a complete line of gauges

<table>
<thead>
<tr>
<th>No.</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MR-601</td>
<td>Handwheel &amp; Screw</td>
</tr>
<tr>
<td>2</td>
<td>U1-4A</td>
<td>1/4” Intake</td>
</tr>
<tr>
<td>3</td>
<td>MR-520</td>
<td>Sight Glass</td>
</tr>
<tr>
<td>4</td>
<td>MR-505</td>
<td>Piston w/Seat &amp; O-Rings</td>
</tr>
<tr>
<td>5</td>
<td>MR-506</td>
<td>Stem &amp; Nut</td>
</tr>
</tbody>
</table>

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

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