Vision™ AirSystem Series

ROTARY SCREW AIR COMPRESSORS
5–15 HP

PREMIUM PERFORMANCE
The Champion AirSystem series offers the performance and reliability that you demand, delivered by a simple and proven industrial design. With industrial grade components the Vision Series is not a throw-away compressor! It is an investment in your organization’s future.

EFFICIENCY
Instead of developing a package and then selecting an airend, we designed the airend and then built the package. The newly enhanced airend included in the Vision Series improved efficiency over its predecessor and increased bearing life over 50%.

QUIET
With dba levels as low as 67, the Vision Series can be installed next to the point-of-use. In addition to lower overall installation costs, the low sound level results in a safer work environment.

COMPACT
By utilizing the air receiver as a base for the compressor and dryer, the Vision AirSystem provides all the options of a room-sized compressed air system in a space-saving footprint.

EASE OF MAINTENANCE
The Vision Series has been designed so all routine maintenance can be accomplished in as little as 15 minutes, with no specialized tools needed!

The **Vision Series** is designed to perform like a **Champion**
<table>
<thead>
<tr>
<th>Model</th>
<th>Working Pressure psig</th>
<th>Capacity at Rated Pressure acfm</th>
<th>Motor Power HP</th>
<th>Receiver Size gallons</th>
<th>Net Weight lbs</th>
<th>Net Weight with Dryer lbs</th>
<th>Dimensions L x W x H inches</th>
<th>Dimensions with Dryer L x W x H inches</th>
<th>Noise Level dBA</th>
</tr>
</thead>
<tbody>
<tr>
<td>VISION 5</td>
<td>110, 125, 175</td>
<td>20, 18, 13</td>
<td>5</td>
<td>80, 120</td>
<td>960, 1040</td>
<td>1150, 1235</td>
<td>27 x 31 x 43</td>
<td>63 x 32 x 73, 72 x 32 x 73</td>
<td>67</td>
</tr>
<tr>
<td>VISION 7.5</td>
<td>110, 125, 175</td>
<td>28, 27, 18.5</td>
<td>7.5</td>
<td>80, 120</td>
<td>1000, 1085</td>
<td>1150, 1235</td>
<td>27 x 31 x 43</td>
<td>63 x 32 x 73, 72 x 32 x 73</td>
<td>68</td>
</tr>
<tr>
<td>VISION 10</td>
<td>110, 125, 175</td>
<td>41, 36.5, 26.5</td>
<td>10</td>
<td>80, 120</td>
<td>1030, 1115</td>
<td>1190, 1275</td>
<td>27 x 31 x 43</td>
<td>63 x 32 x 73, 72 x 32 x 73</td>
<td>70</td>
</tr>
<tr>
<td>VISION 15</td>
<td>110, 125, 175</td>
<td>59, 54, 41</td>
<td>15</td>
<td>80, 120</td>
<td>1030, 1115</td>
<td>1245, 1330</td>
<td>27 x 31 x 43</td>
<td>63 x 32 x 73, 72 x 32 x 73</td>
<td>70</td>
</tr>
</tbody>
</table>

**STANDARD EQUIPMENT: BASE MOUNTED UNIT**

- After Cooler: Radiator-Type
- Air Hoses: Stainless Steel, Over-Braided
- Air/Oil Separator: Spin-On Type
- Belt: V-Belt
- Belt Adjustment: Jack-Bolt Tensioning Device
- Control Lines: Corrosion-Resistant Tubing
- Control Enclosure: NEMA 4 Listed
- Controller: AirSmart™ Microprocessor
  - Displays Hourmeter (loaded and total), Discharge Air
  - Temperature, System/Reservoir Pressure
  - Separator Differential Pressure
- Design Codes:
  - UL/cUL Labeled Electronics - Including Control Panel
  - CSA Labeled and Approved Electrical Controls and Wiring
- Discharge Pressure Check Valve (Minimum)
- Enclosure: 16 Gauge Steel, 67–70 dBA
- Inlet Air Filter: 99.9% @ 5 Micron, Two-Stage, High Eff.
- Moisture Separator/Trap (Base Mounted Only)
- Motor: TEFC Drive, 1.15 Service Factor, 5 Year Warranty, 3 ph models are EISA Energy Efficient
- Oil Cooler: Radiator-Type
- Oil Reservoir: Pressure Relief Valve, CRN Approved
- Oil Filter: Spin-On Type, 30 Micron, Full Flow
- Oil Hoses: Stainless Steel, Over-Braided
- Starter: Mounted and Wired Full-Voltage Starter
- Thermal Mixing Valve: Thermostatic

**STANDARD EQUIPMENT: RECEIVER MOUNTED UNIT**

Includes All of the Base-Mounted Standard Equipment PLUS:

- Condensate Drain: Automatic, Zero Air Loss
- Fork Lift Slots: Integrated, Enclosed

**STANDARD EQUIPMENT: RECEIVER MOUNTED UNIT WITH REFRIGERATED DRYER**

Includes All of the Base-Mounted and Receiver-Mounted Standard Equipment PLUS:

- Dryer: Non-Cycling Refrigerated with 38°F dew point. (see CRN brochure for details)
- 3-Way Bypass Valve

**OPTIONAL EQUIPMENT**

- Cold Coalescing Filter (Units with Dryer Only)
- Communication/Sequencing Module:
  - Sequencing of up to eight Compressors
  - Remote Monitoring Ready
  - Date and Time Stamping
- Wye Delta Motor/Starter: 10 & 15 HP only

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Printed in U.S.A.
CS-VISAS-5-15 1st Ed. 10/12

Due to Champion’s continuing product development program, specifications and materials are subject to change without notice or obligation.