The VDMC can be arranged in configurations to meet your facilities aspiration needs.

<table>
<thead>
<tr>
<th>Model</th>
<th>Height</th>
<th>Length</th>
<th>Width</th>
<th>Net Weight</th>
<th>Motor Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>28&quot; O.C.</td>
<td>90&quot;</td>
<td>103&quot;</td>
<td>34&quot;</td>
<td>930 lbs, 419 kg</td>
<td>F.R. 3 HP, 2.2 kW</td>
</tr>
<tr>
<td>28&quot; C.C.</td>
<td>112&quot;</td>
<td>102&quot;</td>
<td>90&quot;</td>
<td>1850 lbs, 841 kg</td>
<td>L.C. 0.5 HP, 0.37 kW</td>
</tr>
<tr>
<td>56&quot; O.C.</td>
<td>91&quot;</td>
<td>107&quot;</td>
<td>34&quot;</td>
<td>1750 lbs, 796 kg</td>
<td>F.R. 1.5 HP, 1.1 kW</td>
</tr>
<tr>
<td>56&quot; C.C.</td>
<td>117&quot;</td>
<td>111&quot;</td>
<td>97&quot;</td>
<td>3470 lbs, 1578 kg</td>
<td>L.C. 0.5 HP, 0.37 kW</td>
</tr>
<tr>
<td>84&quot; O.C.</td>
<td>91&quot;</td>
<td>107&quot;</td>
<td>34&quot;</td>
<td>2160 lbs, 982 kg</td>
<td>F.R. 2 HP, 1.5 kW</td>
</tr>
<tr>
<td>84&quot; C.C.</td>
<td>117&quot;</td>
<td>111&quot;</td>
<td>97&quot;</td>
<td>4180 lbs, 1900 kg</td>
<td>L.C. 0.5 HP, 0.37 kW</td>
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</tbody>
</table>

**NOTE:**
1. Hourly input ratings are directly influenced by the screen sizes, the amount of foreign materials, the physical characteristics of the product, and the moisture content.
2. Capacities shown are in bushels and metric tons (one metric ton weighs 1,000 kilos or 2,205 pounds).
3. Capacities shown are based on U.S. harvesting practices.
4. Dry grains are considered to have a moisture content of less than 14%.
5. The following volumetric weights (pounds/bushel) apply:
   - Barley 48
   - Safflower 56
   - Oats 32
   - Soybeans 60
   - Corn (Maize) 56
   - Wheat 60
   - Canola 60
   - Paddy Rice 45
   - Sunflower Seed 32
   - Sorghum 56
   - Mustard 60
   - Edible Beans 60

- O.C.=Open Circuit
- C.C.=Closed Circuit
- F.R.= Feed Roll
- L.C.= Liftings Conveyor

Complete laboratory service is at your disposal. Carter Day's facility enables us to test your unique product sample in our laboratory or on full-size equipment to aid in determining the right machine for your application. We invite you to participate in tests conducted at our facility in Minneapolis, Minnesota USA.

The liftings product discharge is controlled with a constant speed direct drive 9" liftings auger.

**VDMC ASPIRATOR CAPACITIES**

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</thead>
<tbody>
<tr>
<td>900 Bu/Hr-24 mt/hr (2200CFM 6&quot;)</td>
<td>900 Bu/Hr-26 mt/hr (4300CFM 6&quot;)</td>
<td>900 Bu/Hr-24 mt/hr (6400CFM 6&quot;)</td>
<td>900 Bu/Hr-26 mt/hr (8500CFM 6&quot;)</td>
<td>900 Bu/Hr-19 mt/hr (2200CFM 6&quot;)</td>
<td>900 Bu/Hr-20 mt/hr (4300CFM 6&quot;)</td>
<td>900 Bu/Hr-18 mt/hr (6400CFM 6&quot;)</td>
<td>900 Bu/Hr-22 mt/hr (3000CFM 6&quot;)</td>
<td>900 Bu/Hr-8 mt/hr (3000CFM 6&quot;)</td>
<td>900 Bu/Hr-10 mt/hr (3000CFM 6&quot;)</td>
<td>500 Bu/Hr-10 mt/hr (2200CFM 6&quot;)</td>
<td>500 Bu/Hr-13 mt/hr (2200CFM 6&quot;)</td>
</tr>
</tbody>
</table>
Carter Day has been manufacturing quality processing equipment for over 100 years. We continue this tradition of quality equipment with the V.D.M.C. Carter Day has the efficiency and capacity for virtually any aspiration application involving cereal grains and other free flowing granular materials. The V.D.M.C. is our most efficient aspiration system.

As the product enters the aspiration column, it is contacted by an air wash which removes light fines, straw, hulls, etc. The concentrated product free-falls through the aspiration column which by its design expands the product stream allowing for more efficient cleaning. The aspirated light materials are pulled through the aspiration column into the liftings chamber to settle out in the closed circuit model, or discharged to an outside collection system in the open circuit design.

The patented performance engineered 6 pass aspiration cascading column design provides a superior method of separating fines from free flowing granular material. The material is dropped in a free-fall vertical flow path into an opposing air stream to suspend the fines in the air stream for removal to the collection system. The column design is engineered with louvers in the panels which expands the product stream allowing for a more effective aspiration.

Our New Patent Pending Perforated Panels found on the incoming air side of the product stream allows for an even and constant flow of air on the product. This addition takes this aspirator to a new level.

As the product cascades through the 46" aspiration column it is constantly hit with incoming air. That means not just 6 pass of 1" of air but the full cascading column is hit with opposing air for a highly efficient aspiration separation. The perforation size is adjusted per the product in order to best serve proper cascading.

This design reflects decades of experience manufacturing and selling V.D.M.C. Aspirators. Carter Day’s worldwide sales representation assures you of service after the sale.

Our panels are fabricated in 28" segments which can be stacked together to form our widest 112" machine. This system requires no tools allowing for complete clean-down or replacement in minutes. A system of removable full-view acrylic windows, and lightweight removable inner panels for visibility, easy clean-down and replacement.

A molded urethane feed roll accurately controls the feed rate and provides a positive shut-off. The urethane feed roll is highly wear resistance and its smooth surface resists build-up of product and contaminations. VFD controlled variable speed drive accommodates a variety of feed rate ranges.