CENTRIFUGAL FANS

IN-LINE
• Available in 3-10 HP sizes
• 18", 24", and 28" diameter openings
• Precision balanced steel fan wheel ensures maximum airflow and efficiency
• Aerodynamically designed inlet cone
• Weatherproof electrical controls
• Air-over cooled motor

HIGH SPEED
• Available in 3-10 HP sizes
• Adapts to most aeration systems
• Precision balanced steel fan wheel ensures maximum airflow and efficiency
• Fan cooled electric motor
• Weatherproof electrical controls

LOW SPEED
• Available in 10-30 HP sizes
• Adapts to most full floor aeration systems
• Precision balanced, seam welded steel wheel ensures maximum airflow and efficiency
• Adjustable feet are standard to allow unit to be leveled on a concrete pad or blower support stand
• Enclosed, fan cooled, electric motor
• Weatherproof electrical controls

INCHES IN STATIC PRESSURE

<table>
<thead>
<tr>
<th>MODEL</th>
<th>HP</th>
<th>2</th>
<th>4</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
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<tbody>
<tr>
<td>GGI-80311</td>
<td>3</td>
<td>3690</td>
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Fan Performance: Airflow (CFM) at Static Pressure (In. Water Gauge)

INCHES IN STATIC PRESSURE

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<tr>
<th>MODEL</th>
<th>HP</th>
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<th>2</th>
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<th>5</th>
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<tbody>
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<tr>
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<td>4100</td>
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<tr>
<td>GGI-81011</td>
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<td>5843</td>
<td>5500</td>
<td>5150</td>
<td>4750</td>
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Fan Performance: Airflow (CFM) at Static Pressure (In. Water Gauge)

LOW TEMPERATURE SUPPLEMENTAL HEATERS

LOW TEMPERATURE SUPPLEMENTAL HEATERS ALLOW 24 HOUR GRAIN DRYING WHEN HIGH HUMIDITY CONDITIONS PREVAIL. THE HEATER IS EASILY INSTALLED BETWEEN THE FAN AND BIN.

• Lowers humidity up to 50%
• 60,000 and 100,000 btu models raise air temperature approximately 10-12°C
• 200,000 btu models raise air temperature approximately 25-30°C
• Propane or natural gas (operate on lbs. pressure only)
• Available for in-line and high speed centrifugal fans
• Electronic Ignition
• High heat limit safety switches
• Airflow and pressure sensing safety devices included
• 60,000 btu available in 9”x14” or 18” round (3 HP fan)
• 100,000 btu available in 9”x14” or 24” round (5 HP & 7 HP fans)
• 200,000 btu available in 12”x17” or 28” round (10 HP fans)
EQUILIBRIUM MOISTURE CONTENT (EMC)

EMC reflects moisture levels in grain when exposed to the certain humidity levels and temperatures for a period of time.

<table>
<thead>
<tr>
<th>RELATIVE AIR HUMIDITY</th>
<th>CORN 10 °C (50 °F)</th>
<th>25 °C (77 °F)</th>
<th>WHEAT 10 °C (50 °F)</th>
<th>25 °C (77 °F)</th>
<th>CANOLA 10 °C (50 °F)</th>
<th>25 °C (77 °F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50%</td>
<td>12.50%</td>
<td>11.00%</td>
<td>58%</td>
<td>13%</td>
<td>58%</td>
<td>8.60%</td>
</tr>
<tr>
<td>60%</td>
<td>13.80%</td>
<td>12.40%</td>
<td>64%</td>
<td>14%</td>
<td>64%</td>
<td>9.40%</td>
</tr>
<tr>
<td>70%</td>
<td>14.50%</td>
<td>14.00%</td>
<td>70%</td>
<td>15%</td>
<td>70%</td>
<td>10.30%</td>
</tr>
<tr>
<td>80%</td>
<td>17.30%</td>
<td>16.00%</td>
<td>75%</td>
<td>16%</td>
<td>75%</td>
<td>11.10%</td>
</tr>
<tr>
<td>90%</td>
<td>20.40%</td>
<td>19.00%</td>
<td>79%</td>
<td>17%</td>
<td>79%</td>
<td>12.00%</td>
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<tr>
<td></td>
<td>88%</td>
<td>19%</td>
<td>86%</td>
<td>18%</td>
<td>86%</td>
<td>14.50%</td>
</tr>
</tbody>
</table>

Barley: spoilage occurs when initial temperature ranges from 5°C to 20°C with respective moisture from 18% to 10% moisture content.

Beans: spoilage occurs when initial temperature ranges from 5°C to 42°C with respective moisture from 20% to 10% moisture content.

Canola: spoilage occurs when initial temperature ranges from 10°C to 50°C with respective moisture from 12% to 7% moisture content.

Flax: spoilage occurs when initial temperature ranges from 5°C to 32°C with respective moisture from 13% to 6% moisture content.

Oats: spoilage occurs when initial temperature ranges from 0°C to 21°C with respective moisture from 17% to 8% moisture content.

Wheat: spoilage occurs when initial temperature ranges from 0°C to 28°C with respective moisture from 18% to 10% moisture content.

Charts provided by http://www.grainscanada.gc.ca/storage-entrepose/ssg-de-eng.htm#barley
Grain Guard is an AGI Brand.

AGI is a leading provider of equipment solutions for agriculture bulk commodities including seed, fertilizer, grain, and feed systems with a growing platform in providing equipment and solutions for food processing facilities. AGI has manufacturing facilities in Canada, the United States, the United Kingdom, Brazil, South Africa and Italy and distributes its products globally.

AGI GRAIN GUARD

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