1. Inputs shown are believed to be maximum capacities for inducers when mounted on pipe sizes shown for ordinary jobs where a moderate amount of mechanical induced draft is required.

2. Consideration is given to typically higher static pressure requirements for larger installations, for the type of fuel burned and for the type of draft control installed.

3. Where pressure requirements are unknown or believed to be unusually severe, ask for complete performance curves or consult factory.

4. All ratings have been developed in our testing and research department and have been approved by a nationally known independent testing laboratory. Certification is available upon request.

5. Heating capacities shown are for 1000 BTU per cubic foot natural gas and for 139,000 BTU per gallon No. 2 fuel oil. Consult factory for capacities with other fuels. Heating capacities are based on typical combustion efficiencies and allow for approximately 5 percent ambient air drawn into inducer to cool motor and drives.

6. Draft Inducers should be installed in single wall vent pipe in order to insure proper performance.

Note: Tjernlund Products, Inc. reserves the right to make changes to specifications without notification.
MODEL D-3 DRAFT INDUCER SPECIFICATIONS

Performance curves

1. Inputs shown are believed to be maximum capacities for inducers when mounted on pipe sizes shown for ordinary jobs where a moderate amount of mechanical induced draft is required.

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**MOTOR SPECIFICATIONS**

**ELECTRICAL DATA**

- Volts: 115
- Hertz: 60
- RPM: 1550
- Watts: 74
- Amps: .96
- Therm. Prot.: Yes
MODEL I DRAFT INDUCER
SPECIFICATIONS

Performance curves

1. Inputs shown are believed to be maximum capacities for inducers when mounted on pipe sizes shown for ordinary jobs where a moderate amount of mechanical induced draft is required.

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### MOTOR SPECIFICATIONS

<table>
<thead>
<tr>
<th>ELECTRICAL DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volts</td>
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<tr>
<td>Hertz</td>
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<tr>
<td>RPM</td>
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<tr>
<td>Watts</td>
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<tr>
<td>Amps</td>
</tr>
<tr>
<td>Therm. Prot.</td>
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## MODEL IL DRAFT INDUCER SPECIFICATIONS

### Performance curves

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>PIPE SIZE IN.</th>
<th>GAS FIRING WITH DRAFT HOOD</th>
<th>GAS FIRING WITH BAR DRAFT CONTROL</th>
<th>OIL FIRING WITH BAR DRAFT CONTROL</th>
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<tbody>
<tr>
<td></td>
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<td>270°F FLUE GAS</td>
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<td>15</td>
<td>2,020,000</td>
<td>1.37</td>
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<tr>
<td></td>
<td>16</td>
<td>1,950,000</td>
<td>1.39</td>
<td>1570</td>
</tr>
</tbody>
</table>

1. Inputs shown are believed to be maximum capacities for inducers when mounted on pipe sizes shown for ordinary jobs where a moderate amount of mechanical induced draft is required.

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6. Draft Inducers should be installed in single wall vent pipe in order to insure proper performance.

**Note:** Tjernlund Products, Inc. reserves the right to make changes to specifications without notification.

### MOTOR SPECIFICATIONS

**ELECTRICAL DATA**

- Volts: 115
- Hertz: 60
- RPM: 1725
- Watts: 1/4 HP
- Amps: 5.4
- Therm. Prot.: Yes
1. Inputs shown are believed to be maximum capacities for inducers when mounted on pipe sizes shown for ordinary jobs where a moderate amount of mechanical induced draft is required.

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**Model XL Draft Inducer Specifications**

**Performance curves**

<table>
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<th>Model XL</th>
<th>10°F Air</th>
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<td>16&quot; Pipe</td>
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<tr>
<td>18&quot; Pipe</td>
<td>70°F Air</td>
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<tr>
<td>20&quot; Pipe</td>
<td>70°F Air</td>
</tr>
<tr>
<td>24&quot; Pipe</td>
<td>70°F Air</td>
</tr>
</tbody>
</table>

**Static pressure inches H2O (70°F Air)**

**MOTOR SPECIFICATIONS**

**ELECTRICAL DATA**

- Volts: 115, 208-230
- Hertz: 60
- RPM: 1725
- Watts: 3/4 HP
- Amps: 11 @ 115, 5.4 @ 208, 5.3 @ 230
- Therm. Prot.: Yes
MODEL HD DRAFT INDUCER SPECIFICATIONS

Performance curves

1. Inputs shown are believed to be maximum capacities for inducers when mounted on pipe sizes shown for ordinary jobs where a moderate amount of mechanical induced draft is required.

2. Consideration is given to typically higher static pressure requirements for larger installations, for the type of fuel burned and for the type of draft control installed.

3. Where pressure requirements are unknown or believed to be unusually severe, ask for complete performance curves or consult factory.

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MOTOR SPECIFICATIONS

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<tbody>
<tr>
<td>Volts</td>
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<tr>
<td>Hertz</td>
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<tr>
<td>RPM</td>
</tr>
<tr>
<td>Watts</td>
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<tr>
<td>Amps</td>
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<tr>
<td>Therm. Prot.</td>
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MODEL HD DRAFT INDUCER SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PIPE SIZE</th>
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<th>GAS FIRING WITH BAR DRAFT CONTROL</th>
<th>OIL FIRING WITH BAR DRAFT CONTROL</th>
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</thead>
<tbody>
<tr>
<td>HD</td>
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<td>270°F Flue Gas</td>
<td>70°F Flue Gas</td>
<td>390°F Flue Gas</td>
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<td>24</td>
<td>5,000,000 S.P.</td>
<td>5,000,000 S.P.</td>
<td>5,000,000 S.P.</td>
</tr>
</tbody>
</table>

Static pressure inches H20 (70°F Air)

Static pressures shown are “negative” and apply only on inlet side.

Volts 208-230, 460
Hertz 60
RPM 1725
Watts 2 HP
Amps 6.3 @ 208
6.4 @ 230
3.2 @ 460
Therm. Prot. No

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