Vortex VTX400P inline blower, for 4 in diameter duct, has a built in automatic pressure switch that detects when air is flowing through the ventilation duct. It will automatically turn on and off the Vortex VTX400P inline blower as required. In a clothing dryer application, when the dryer goes on, the VTX400P will automatically turn on and will stay on till shortly after the dryer goes off. This will allow the dryer to perform better and more efficiently. Both, drying time and power consumption are therefore reduced.

### Performance Data

<table>
<thead>
<tr>
<th>Duct Dia.</th>
<th>RPM</th>
<th>Volts</th>
<th>Max Watts</th>
<th>Max Amps</th>
<th>Static Pressure in Inches W.G.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>2750</td>
<td>115</td>
<td>80</td>
<td>0.65</td>
<td>0&quot;</td>
</tr>
</tbody>
</table>

* Speed (RPM) shown is nominal

ALL VTX PRODUCTS INCORPORATE MOTORS SUITABLE FOR 115 Volts AC 60Hz ELECTRICAL SUPPLY ONLY

Performance ratings are based on installation type O - Ducted inlet, Ducted outlet
Performance ratings do not include the effects of appurtenances (Accessories)

Weight: 8.8 lbs.
When is a dryer duct booster required?

Dryer duct boosting is typically required when duct length exceeds:

<table>
<thead>
<tr>
<th># of 90° bends</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duct (ft)</td>
<td>25 ft</td>
<td>20 ft</td>
<td>15 ft</td>
<td>10 ft</td>
</tr>
<tr>
<td>Duct (mm)</td>
<td>7620 mm</td>
<td>6096 mm</td>
<td>4572 mm</td>
<td>3048 mm</td>
</tr>
</tbody>
</table>

Every bend is equal to 5 linear feet. When installing a clothing dryer duct exhaust system, please ensure to follow all applicable building codes and manufacturer’s recommendations.

2 different typical installations

**Roof or Wall exhaust**

**Dry Facts**

Ideal clothing dryer venting arrangements with short duct length are often not possible. Both commercial and residential clothing dryers should normally dry the clothing in a timely matter. Due to venting restrictions, clothing dryers with longer duct lengths will typically take a longer time to dry and consequently consume more power. An inline vent boosting blower is a smart solution to this problem.

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**VTX400P accessories**

- Dial-A-Temp
- Vari-Speed
- 4” Lint Trap
- 4” Backdraft Damper

CONFORMS TO UL 507 and CSA C22.2 no.113

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