GAS BURNERS

P250AF-E & P265F-E

WAYNE Combustion Systems™
a Scott Fetzer company

BURNER DESCRIPTION

Designed to house all electrical components in an easily accessible enclosure, this burner series provides a streamlined appearance and straightforward installation. Primarily used for oil to natural gas conversion applications, all units include die cast aluminum housing for precise alignment of parts, along with a machined cast iron venturi for superior mixing of gas and air. The universal mounting flange adapts to any appliance, making this burner series extremely flexible in its application.

P250AF-E FEATURES

The P250AF-E features an adjustable flame spreader to allow for tailoring of the ideal flame shape to the combustion chamber. With a firing range from 50,000 to 250,000 Btu/hr., the P250AF-E comes standard with an 8” air tube (for insertions up to 7”) and multi-try ignition.

P265F-E FEATURES

The P265F-E delivers a firing range from 65,000 – 200,000 Btu/hr. and is available in numerous air tube lengths. All configurations come standard with a fixed flame spreader and multi-try ignition control. Available with an optional stainless steel air tube, Wayne’s #64488, “BB” version, is ideal for boiler and water heater applications.

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# Gas Burners Specifications

## P250AF-E
- **Minimum Firing Rate**: 50,000 Btu/hr
- **Maximum Firing Rate**: 250,000 Btu/hr
- **Voltage**: 120V, 60Hz (can run 50Hz*)
- **Gas Pressure Required (Min-Max)**:
  - Natural Gas: 4.5"-14" w.c.
  - LP Gas: 11"-14" w.c.
- **Ignition Source**: Direct Spark Ignition
- **Gas Valve Operators**: 24 Vac
- **Gas Connection**: 1/2" NPT
- **Air Tube Diameter**: 4"
- **Max. Air Tube Insertion Depth**: Variable (See Chart Below)
- **Flame Spreader**: Adjustable

*Reduces maximum output to 208,000 Btu/hr

## P265F-E
- **Minimum Firing Rate**: 65,000 Btu/hr
- **Maximum Firing Rate**: 200,000 Btu/hr
- **Voltage**: 120V, 60Hz (can run 50Hz*)
- **Gas Pressure Required (Min-Max)**:
  - Natural Gas: 4.5"-14" w.c.
  - LP Gas: 11"-14" w.c.
- **Ignition Source**: Direct Spark Ignition
- **Gas Valve Operators**: 24 Vac
- **Gas Connection**: 1/2" NPT
- **Air Tube Diameter**: 4"
- **Max. Air Tube Insertion Depth**: Variable (See Chart Below)
- **Flame Spreader**: Fixed

*Reduces maximum output to 166,000 Btu/hr

## Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Part #</th>
<th>Airtube Length</th>
<th>Insertion Depth</th>
<th>Fuel</th>
<th>Ignition</th>
<th>Shipping Weight Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>P250AF-E</td>
<td>64465</td>
<td>8&quot;</td>
<td>7 1/8&quot;</td>
<td>LP</td>
<td>DI</td>
<td>25 lbs.</td>
</tr>
<tr>
<td>P250AF-E</td>
<td>64466</td>
<td>8&quot;</td>
<td>7 1/8&quot;</td>
<td>NAT</td>
<td>DI</td>
<td>25 lbs.</td>
</tr>
<tr>
<td>P265F-E</td>
<td>64467</td>
<td>5&quot;</td>
<td>3 1/2&quot;</td>
<td>LP</td>
<td>DI</td>
<td>23 lbs.</td>
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<tr>
<td>P265F-E</td>
<td>64468</td>
<td>5&quot;</td>
<td>3 1/2&quot;</td>
<td>NAT</td>
<td>DI</td>
<td>23 lbs.</td>
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<tr>
<td>P265F-E</td>
<td>64469</td>
<td>8&quot;</td>
<td>6 1/2&quot;</td>
<td>NAT</td>
<td>DI</td>
<td>24 lbs.</td>
</tr>
<tr>
<td>P265F-E</td>
<td>64470</td>
<td>11&quot;</td>
<td>9 1/2&quot;</td>
<td>LP</td>
<td>DI</td>
<td>25 lbs</td>
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<tr>
<td>P265F-E</td>
<td>64471</td>
<td>11&quot;</td>
<td>9 1/2&quot;</td>
<td>NAT</td>
<td>DI</td>
<td>25 lbs</td>
</tr>
<tr>
<td>P265F BB-E</td>
<td>64488</td>
<td>7 3/8&quot;</td>
<td>6 3/8&quot;</td>
<td>NAT</td>
<td>DI</td>
<td>24 lbs.</td>
</tr>
</tbody>
</table>

Please contact us for further information:

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