Purol® Elite Series Combination Torch
WH-4200 Welding Handle
CA-4200 Cutting Attachment

Why Purol Elite?

Safety
- Tube-less extruded handle minimizes the potential of mixed gases in handle
- Head injector - should flashback occur the head is a safer place than the tube
- Color coded pressure adjustment knobs for easy identification of gases
- Internal tip nut keeps cutting tip seated and reduces risk of leaks
- Properly weighted for reduced operator fatigue
- Piston style attachment is easy to connect, safer for operator

Durability
- 3 tube design on cutting attachment offers more strength between torch head and body
- Internal tip nut design protects head threads from damage when changing tips
- One piece, tube-less extruded welding handle is stronger than individual gas tube design
- Encapsulated pre-heat valve stems for long-term protection from damage

Performance
- Universal swirl injector - operates on acetylene or any alternate fuel gas at a lower inlet pressure
- 3 tube design offers highest cutting capacity of any medium-duty combo torch on the market with alternate fuel gases
- Ease on control of cutting oxygen reduces the potential for blow back when piercing
- Backwards compatible with W-300/CW-300

Guaranteed
- 100% Satisfaction Guarantee - Buy risk free and we’ll do whatever it takes to make sure you are totally satisfied within 100 days from the date of your purchase
- Lifetime Warranty covers manufacturer defects in materials and workmanship
PUROX Elite Swirl Injector

- In the higher pressure oxygen stream, the injector swirls the oxygen to create a superior homogenous mix of gas in the entrainment zone that increases efficiency.
- The superior homogenous mix in the entrainment zone delivers optimum performance not possible with equal pressure or tip mixers.
- Swirling of the high-pressure oxygen mixing with the fuel gas creates a pumping action that pulls a vacuum on the torch to improve performance with long hoses and low-pressure operations.

Separate Flash Arrestors

- When flash arrestors are in proper working condition, used per instructions, and checked regularly for clogging, they are excellent safety devices to help prevent injury and flashback. However, when used incorrectly, flash arrestors can potentially cause flashback.
- ESAB offers separate flash arrestors that are not built into the torch. The flash arrestor can be safely checked without causing torch downtime.

Torch Comparison

<table>
<thead>
<tr>
<th>Performance Data</th>
<th>Purox Elite WH-4200</th>
<th>Brand V 100FC</th>
<th>Brand V 315FC</th>
<th>Brand H 85</th>
<th>Brand S WH-100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welding Range</td>
<td>1 in.</td>
<td>3/4 in.</td>
<td>3/4 in.</td>
<td>1/2 in.</td>
<td>7/8 in.</td>
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<tr>
<td>Heating Range*</td>
<td>294,000</td>
<td>147,000</td>
<td>147,000</td>
<td>206,000</td>
<td>129,000</td>
</tr>
<tr>
<td>Oxygen Flow @ 20 psi</td>
<td>428 cfh</td>
<td>188 cfh</td>
<td>193 cfh</td>
<td>195 cfh</td>
<td>317 cfh</td>
</tr>
<tr>
<td>Fuel Flow @ 20 psi</td>
<td>420 cfh</td>
<td>203 cfh</td>
<td>218 cfh</td>
<td>215 cfh</td>
<td>338 cfh</td>
</tr>
<tr>
<td>Warranty</td>
<td>Lifetime</td>
<td>5 years</td>
<td>5 years</td>
<td>5 years</td>
<td>Lifetime</td>
</tr>
</tbody>
</table>

* BTU's/hr average using Acetylene

<table>
<thead>
<tr>
<th>Performance Data</th>
<th>Purox Elite CA-4200</th>
<th>Brand V CA-1350</th>
<th>Brand V CA-2460</th>
<th>Brand H 72-3</th>
<th>Brand S CW5A</th>
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</thead>
<tbody>
<tr>
<td>Cutting Range - Acetylene</td>
<td>8 in.</td>
<td>6 in.</td>
<td>8 in.</td>
<td>5 in.</td>
<td>6 in.</td>
</tr>
<tr>
<td>Cutting Range - Alternate Fuels</td>
<td>8 in.</td>
<td>6 in.</td>
<td>8 in.</td>
<td>5 in.</td>
<td>6 in.</td>
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<tr>
<td>Design</td>
<td>Head Injector</td>
<td>Tube Mix</td>
<td>Tube Mix</td>
<td>Head Mix</td>
<td>Tip Mix</td>
</tr>
<tr>
<td>Warranty</td>
<td>Lifetime</td>
<td>5 years</td>
<td>5 years</td>
<td>3 years</td>
<td>3 years</td>
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</tbody>
</table>

PUROX Elite - Clear Value. Easy Decision.

Click here to learn more about this PUROX Elite Series product.

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