Acme’s smoke exhaust fans are designed for life-saving smoke exhaust management under severe temperatures.

These units are intended for installation in buildings in accordance with requirements contained in the Recommended Practice for Smoke Control System, NFPA 92A; and are intended to be connected to and controlled by Listed Smoke Control System Equipment (UUKL).

Acme Engineering & Manufacturing Corporation
P.O. Box 978
Muskogee, OK 74402
918/682-7791
Fax 918/682-0134
www.acmefan.com
# Utility Smoke Exhaust Fans

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Performance (CFM)</td>
<td>23,230</td>
<td>61,128</td>
<td>74,712</td>
</tr>
<tr>
<td>Max SP (inches w.g.)</td>
<td>3.50</td>
<td>5.50</td>
<td>9.00</td>
</tr>
<tr>
<td>UL 705 Electrical</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>UL Listed Power Vents for Smoke Control Systems</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Smoke Exhaust Rating</td>
<td>500°F for 4 hours 1000°F for 15 minutes</td>
<td>500°F for 4 hours 1000°F for 15 minutes</td>
<td>500°F for 4 hours 1000°F for 15 minutes</td>
</tr>
</tbody>
</table>

**8100-SE Utility Smoke Exhaust Blower is standard with...**
- Class 1 and Class 2 Construction
- 2 year limited warranty
- Heavy-gauge, enamel coated, steel housing and weather cover
- Airfoil steel wheel and fully streamlined inlet
- Added insulation and heat slinger for high heat resistance
- Dual belt, variable pitch drives designed for 1.5 service factor
- Flush, bolted access door
- Unitary pillow block bearings rated at an L-50 life of 200,000 hours

**QBR-SE Utility Smoke Exhaust Blower is standard with...**
- Field rotatable housing in 7 discharge arrangements
- 2 year limited warranty
- Heavy-gauge, enamel coated, steel housing and weather cover
- Airfoil steel wheel and fully streamlined inlet
- Added insulation and heat slinger for high heat resistance
- Dual belt, variable pitch drives designed for 1.5 service factor
- Flush, bolted access door
- Unitary pillow block bearings rated at an L-50 life of 200,000 hours
## Inline Smoke Exhaust Blowers

### Inline Smoke Exhaust Fans

<table>
<thead>
<tr>
<th>QBMX-SE: Belt Drive Smoke Exhaust Mixed Flow Fan</th>
<th>2100H-SE Belt Drive Smoke Exhaust Centrifugal Blower</th>
<th>HA-SE: Belt Drive Smoke Exhaust Propeller Fan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Performance (CFM)</td>
<td>60,349</td>
<td>57,072</td>
</tr>
<tr>
<td>Max SP (inches w.g.)</td>
<td>5.5</td>
<td>6.0</td>
</tr>
<tr>
<td>UL 705 Electrical</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>UL Listed Power Vents for Smoke Control Systems</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Smoke Exhaust Rating</td>
<td>500°F for 4 hours 1000°F for 15 minutes</td>
<td>500°F for 4 hours 630°F for 4 hours 800°F for 4 hours 1000°F for 15 minutes</td>
</tr>
</tbody>
</table>

### QBMX-SE Inline Smoke Exhaust Fan is standard with:
- Sizes 16 - 49
- 2 year limited warranty
- Heavy-gauge, enamel coated, steel housing
- Mixed-flow steel wheel and fully streamlined inlet
- Dual belt, variable pitch drives designed for 1.5 service factor
- Flush, bolted access door
- Unitary pillow block bearings rated at an L-50 life of 200,000 hours

### 2100H-SE Inline Smoke Exhaust Fan is standard with:
- Class 1 & 2
- 2 year limited warranty
- Heavy-gauge, enamel coated, steel housing
- Airfoil steel wheel and fully streamlined inlet
- Dual belt, variable pitch drives designed for 1.5 service factor
- Flush, bolted access door
- Unitary pillow block bearings rated at an L-50 life of 200,000 hours

### HA-SE Inline Smoke Exhaust Fan is standard with:
- Sizes 16 - 60
- 2 year limited warranty
- Heavy-gauge, enamel coated, steel housing
- Heavy duty steel propeller
- Added insulation and heat slinger for high heat resistance
- Dual belt, variable pitch drives designed for 1.5 service factor
- Flush, bolted access door (sizes 42 - 60)
- Unitary pillow block bearings rated at an L-50 life of 200,000 hours
## Smoke Exhaust Fans

### PNU-SE Roof Smoke Exhaust is standard with:
- 5 year limited warranty
- Heavy gauge aluminum windband with rolled bead for extra strength
- Backward inclined, non-overloading steel impeller
- Added insulation for high heat resistance
- Resiliently mounted bearings in neoprene rings and permanently lubricated in a duplex split pillow block housing
- Rated at L-50 life of 200,000 hours

### UBH-SE Roof Smoke Exhaust is standard with:
- 2 year limited warranty
- Heavy duty steel housing and charcoal baked enamel with UV inhibitors
- Heavy gauge aluminum propeller
- Added insulation and heat slinger for high heat resistance
- Unitary pillow block bearings rated at an L-50 life of 200,000 hours

### UBGMX-SE Smoke Exhauster is standard with:
- 2 year limited warranty
- Heavy duty galvanized steel housing with die-formed flange for extra strength
- Heavy gauge aluminum propeller
- Added insulation and heat slinger for high heat resistance
- Unitary pillow block bearings rated at an L-50 life of 200,000 hours

### Specifications

<table>
<thead>
<tr>
<th></th>
<th>PNU-SE</th>
<th>UBH-SE</th>
<th>UBGMX-SE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Performance (CFM)</td>
<td>33,374</td>
<td>61,236</td>
<td>78,842</td>
</tr>
<tr>
<td>Max SP (inches w.g.)</td>
<td>5.0</td>
<td>1.25</td>
<td>0.75</td>
</tr>
<tr>
<td>UL 705 Electrical</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>UL Listed Power Vents for Smoke Control Systems</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Smoke Exhaust Rating</td>
<td>500°F for 4 &amp; 8 hours 630°F for 4 hours 1000°F for 15 &amp; 25 minutes</td>
<td>500°F for 4 hours 1000°F for 15 minutes</td>
<td>500°F for 4 hours 1000°F for 15 minutes</td>
</tr>
</tbody>
</table>

### UL 705 Listed

- Smoke Exhaust Fans
- UL 705 Electrical
- UL Listed Power Vents for Smoke Control Systems

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**Max Performance (CFM)**
- 33,374 for PNU-SE
- 61,236 for UBH-SE
- 78,842 for UBGMX-SE

**Max SP (inches w.g.)**
- 5.0 for PNU-SE
- 1.25 for UBH-SE
- 0.75 for UBGMX-SE

**UL 705 Electrical**
- ✔ for all models

**UL Listed Power Vents for Smoke Control Systems**
- ✔ for all models

**Smoke Exhaust Rating**
- 500°F for 4 & 8 hours, 630°F for 4 hours, 1000°F for 15 & 25 minutes for PNU-SE
- 500°F for 4 hours, 1000°F for 15 minutes for UBH-SE
- 500°F for 4 hours, 1000°F for 15 minutes for UBGMX-SE