Kidde Aerospace & Defense, a unit of UTC Aerospace Systems, offers a non-Halon fire extinguisher for waste bins in aircraft lavatories. The G800100 and G825100 series are drop-in replacements for the Halon A800100 and A825100 units in many legacy aircraft fleets.

The G800100 and G825100 series extinguishers for Boeing and Bombardier aircraft utilize proven, existing hardware. In the event of a fire in waste bin receptacles, the extinguisher activates automatically at 170°F (77°C). Inert nitrogen under pressure propels the extinguishant via discharge nozzles, which are configured by aircraft model. To extinguish the fire, discharge lasts between 3 and 5 seconds.

Proven
More than 50 years of fire extinguishing experience. Compliant with environmental legislation.

Kidde Fire Protection Systems
Lavatory Waste Bin Extinguisher G800100 & G825100 Series

Environmental
• Compliant with environmental legislation
• Meets requirements of ICAO and EU regulations for removal of ozone-depleting Halon 1301 from commercial aircraft
• Hermetically sealed
• No hydrostatic test required
• Meets FAA lavatory fire extinguisher Minimum Performance Standards

Reliable
• Extremely high reliability
• Completely self-actuating
• No life limit on unit

Safety & Maintenance
• FAA approved
• Output nozzles are configured for specific aircraft installations
• Commonality with production equipment reduces inventory holding costs
• Simple, two screw installation; no other connections required
• Low maintenance requirements

For additional information:
4200 Airport Drive, Wilson, NC 27896 U.S.A.
Tel: +1 252 246 7004
Fax: +1 252 246 7180

This document does not contain any export controlled technical data.
General Specifications

Connectors: None
Mounting: Two screws
Extinguishing Medium: HFC-227ea
Discharge Medium: Nitrogen, 200 PSIG (1379 kPa) @ 70°F (21°C)
Size: Body 2.6 in. diameter x 2.83 in. high (6.6 cm x 7.1 cm)
Discharge nozzles vary by dash number
Weight: 0.854 lbs (387 g) fully charged, includes 0.254 lbs (115 g) of extinguishing medium
Actuation Temperature: 170-177°F (77-81°C)
Coverage: Over 6 ft³ (1.83m)

Lavatory Fire Extinguishing Non-Halon Retrofit Matrix

<table>
<thead>
<tr>
<th>Aircraft Application</th>
<th>Part Number</th>
<th>Replaces Halon Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>737-100/200</td>
<td>G800100-1</td>
<td>A800100-1</td>
</tr>
<tr>
<td>737-100/200</td>
<td>G800100-2</td>
<td>A800100-2</td>
</tr>
<tr>
<td>737, 747, 757, 767, 777, 717, MD-80, MD-88, MD-90, MD-11</td>
<td>G800100-3</td>
<td>A800100-3</td>
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<td>G800100-5</td>
<td>A800100-5</td>
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<tr>
<td>757</td>
<td>G800100-7</td>
<td>A800100-7</td>
</tr>
<tr>
<td>MD-80, MD-88, DC-10, MD-11</td>
<td>G825100-4</td>
<td>A825100-4</td>
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<tr>
<td>DHC-8-400</td>
<td>G825100-3</td>
<td>A825100-3</td>
</tr>
<tr>
<td>CRJ 200/700/900/1000</td>
<td>G825100-4</td>
<td>A825100-4</td>
</tr>
</tbody>
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