

Toilet Compartment Fire Extinguishers

FFE has extensive experience developing fire protection systems for all aircraft types.

Our fire extinguishers are installed on a large majority of commercial transports, including Airbus, Boeing, Bombardier and BAE.

We offer a range of CAA Approved fire extinguishers for use in aircraft toilet compartments. In the event of a fire in waste bin receptacles, the extinguisher activates automatically at 70°C and 79°C (depending on the model). FE-36 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.



Key benefits include:

Environmental

Compliant with environmental legislation

FE-36 meets requirements of ICAO and EU regulations for removal of ozone-depleting Halon 1301 from commercial aircraft

Hermetically sealed

No hydrostatic test required

Reliable

Extremely high reliability

Completely self-actuating

10 year shelf life from date of manufacture

Infinite number of options for arm lengths and positions to suit an aircraft installation

Sealed standalone unit able to detect and suppress fire without external action

Safety and Maintenance

CAA 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

Designed to protect aircraft toilet compartments from waste bin, toilet flush and/or water heater fires

Pressure indicators to aid routine service checks

Halon 1211 (BCF) and FE-36

0.12kg – 0.5kg capacity