



# af-x fireblocker



**hochiki** heat detector 90°C  
**article:** 23-50-444-00-00

## TECHNICAL INFORMATION

<b>type</b>	DFJ-CE3 conventional fixed temperature heat detector 90°C
<b>approvals</b>	LPCB & VdS EN54:2000 Class C & CS
<b>operating voltage</b>	9.5V - 30 V dc
<b>quiescent current (typ)</b>	35 $\mu$ A
<b>max. current alarm</b>	40 mA
<b>remote indicator drive</b>	20 mA (max.) / 9.5-14 mA (typ)
<b>operating temperature range</b>	-10 °C to + 50 °C
<b>max. humidity</b>	95%RH - Non Condensing (at 40 °C)
<b>ingress protection rating</b>	IP63
<b>weight</b>	76 g (ex. base)
<b>diameter / height</b>	100 / 38 mm

## description

Model DFJ-CE3 is a 90°C Fixed Temperature Heat Detector using a thermistor and linearising circuit to provide an accurate linear response Heat Detector. A third terminal provides integral remote indicator output.

The DFJ-CE3 is ideal for use where medium ambient temperatures exist, such as drying rooms or where Smoke Detectors are unsuitable because of the presence of steam or cooking fumes such as in a kitchen.

The DFJ-CE3 is supported by a wide range of bases for different applications and these are supported on the majority of conventional systems.

## PRODUCTS:

### *Gaseous Suppression*



Inert Gas (IG-01, IG-55, IG-100, IG-541)  
Novec 1230™ Fluid (FK-5-1-12)  
FM-200® (HFC-227ea.)  
Carbon Dioxide (CO<sub>2</sub>)  
Hybrid Systems (N<sub>2</sub> / Water)  
Pressure Relief Vents  
Enclosure Integrity Testing Equipment  
Pipe & Fittings

### *Water Suppression*



Water Mist - High Pressure  
Water Mist - Intermediate Pressure  
Water Mist - Low Pressure  
Hybrid Systems (Water / N<sub>2</sub>)  
Monitors & Delivery Systems  
High Speed Deluge

### *Foam Suppression*



Foam Concentrates  
Foam Proportioning  
Foam Delivery Systems  
Compressed Air Foam  
Foam Concentrate Testing

### *Explosion Protection*



Explosion Suppression  
Explosion Isolation  
Explosion Vents & Pressure Relief  
Spark Suppression  
Explosibility Testing

### *Fire Detection*



Linear Heat Detection - Digital  
Linear Heat Detection - Fibre Optic  
Linear Heat Detection - Micro Chip  
Flame Detection  
Video Imaging Detection  
Spark Detection  
Control & Indicating Equipment  
Thermal Imaging Detection  
Aspirating Smoke Detection

### *Military & Defence*



Military Vehicles  
Naval Vessels

### *Special Applications*



Micro Environment  
Oxygen Reduction  
Kitchen Protection Systems  
Dry Chemical  
Vehicle Systems  
Marine & Offshore  
Vapour Mitigation  
Li-Ion Fire Systems

### *Support Services*



Design / Engineering  
Technical Support  
Services & Testing

## Australia

### Head Office

Unit 1, 251 Ferntree Gully Road  
Mt Waverley VIC 3149  
Australia

### Brisbane Office

Unit 7, 93 Rivergate Place  
Murarrie QLD 4172  
Australia

### Perth Office

18 – 20 Ledgar Road  
Balcatta WA 6021  
Australia

### Sydney Office

Unit 5, 11 Reliance drive Tuggerah  
NSW 2259  
Australia

**1300 742 296**

[www.fire-protection.com.au](http://www.fire-protection.com.au)  
[enquiries@fire-protection.com.au](mailto:enquiries@fire-protection.com.au)

## New Zealand

### Auckland Office

Unit 2, 13 Airborne Road  
Albany North Shore 0632  
New Zealand

**0011 64 9415 5488**

[www.fire-protection.net.nz](http://www.fire-protection.net.nz)



**'Every solution for your special hazard problems'**