

**ELECTRICAL SPECIFICATION**

Model	FEHR2000	FEFH2000
Part No	80-030	80-040
Supply Voltage	9-33V DC	
Average quiescent current at 9V	40uA	
Average quiescent current at 24V	45uA	
Alarm Indication	Red LED	
Alarm current at 9V	17mA	
Alarm current at 24V	52mA Max	
Alarm Trigger Condition	Rise, or 57°C	90°C
Operating Temperature	-20 to +90°C (non condensing or icing)	
Max wind Speed	Not affected	
Remote output Characteristics	Current Sink to -ve line (17mA max)	
Compatible Bases	FE-CB Fyreye Common Base FE-DB Fyreye Diode Base FE-RB Fyreye Relay Base	
Detector size (without base)	100mm diameter x 40mm deep	
Weight (without base)	77g	77g

Model	ZTILE2	ZTILE2F
Part No	48-019	48-019A
Supply Voltage	9-30V DC	
Alarm current at 9V	30mA Max	10mA Max
Alarm current at 24V	70mA Max	23mA Max
Alarm Indication	2 x Red LED	2 x Flashing Red LED
Size	86 x 86 x 23mm	

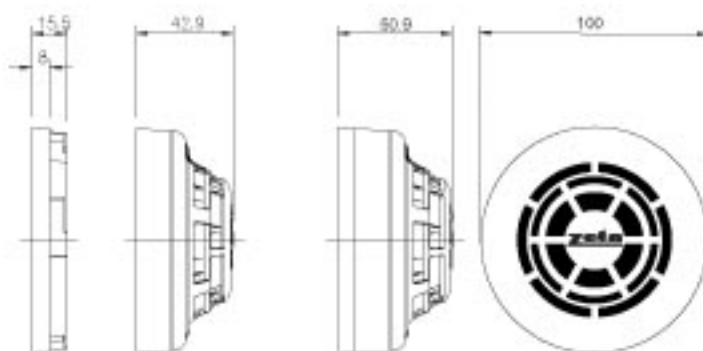
Note: Actual current drawn will be controlled by the detector.

The Fyreye Class A1R (rate of rise) heat detector operates by utilising a matched pair of thermistors to sense heat. One of these thermistors is exposed to the ambient temperature, while the other is sealed inside the detector housing.

Under normal conditions, both thermistors register similar readings. As fire develops, the temperature registered by the exposed thermistor will rise rapidly, resulting in an imbalance, causing the detector to go into its alarm condition. Rate of rise heat detectors also have an upper temperature limit at which the detector will go into alarm if the rate of temperature increase was too slow to trigger the detector earlier.

The Fyreye Class CS (Static response or fixed temperature) heat detector has only one thermistor, and changes to the alarm state at a preset temperature.

- Wide operating voltage 9-33 Volts
- Designed to meet approvals worldwide
- Can be used on security systems
- Compatible with a wide range of bases
- Attractive design
- Remote LED output
- Lockable to base to stop unauthorised removal
- IP 43



**Remote Indicator LED**

The Zeta Remote indicator LED is used in installations where alarm activations may occur behind locked doors. A Remote LED outside all the locked doors will show the location of an alarm activation.

