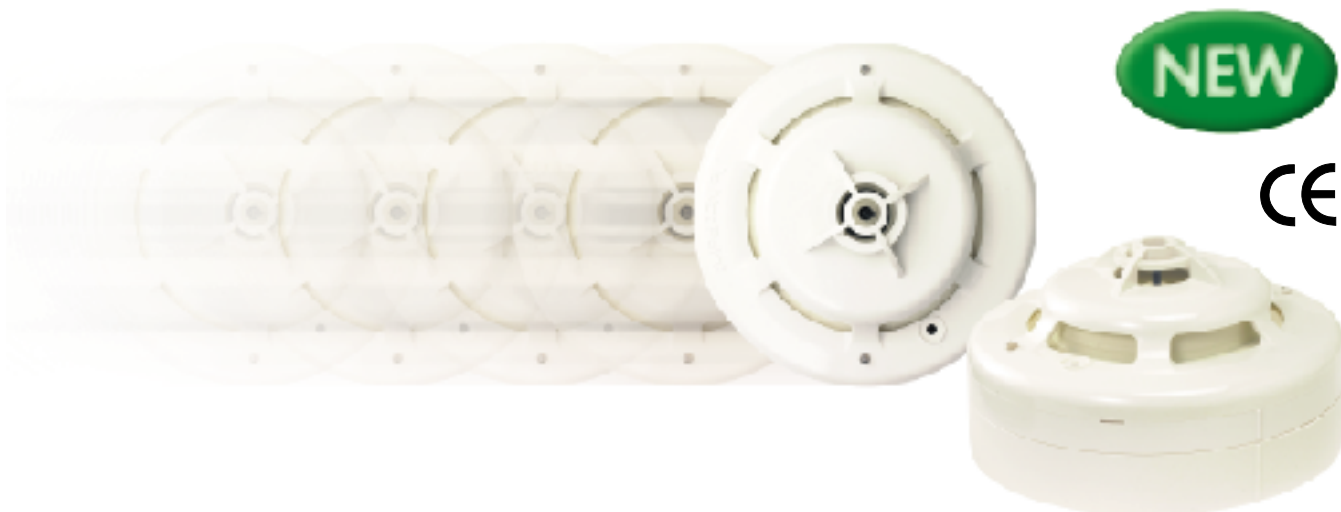


# Multi-Purpose Combination Heat Detector



## Operation Theory

This detector is design to ensure the detection ability for temperature change during pre-fire period. Combination of two different heat detection functions could make the product with more safety and reliability. When detector's ambient temperature rises rapidly and has reached the pre-fire standard (Rate-of-Rise), or the ambient temperature is reached 58°C (Fixed-Temperature) then the fire signal will be sent to control panel.

## Specification

Model	AH-0316-2	AH-0316-3	AH-0316-4
Alarm Current		30mA	
Standby Current		45μA	
Voltage Range		12 ~ 30VDC	
Thermal Setting		58°C	
Response Grade		Comply to EN54, Grade 1	
Ambient Temperature		-10°C ~ +55°C	
Material		Fire-proof plastic	
Dimensions		102mm ( Dia. ) x 55mm ( H )	
Weight	173.5g	174g	175g
Color		Ivory	

## Effective Alert Area

Construction / Height	Under 4M	4M ~ 8M
Fire-proof Building	90 M <sup>2</sup>	45 M <sup>2</sup>
Ordinary Building	50 M <sup>2</sup>	30 M <sup>2</sup>

## Order Information

AH-0316-2	2-Wire
AH-0316-3	3-Wire With Remote Indicator Output
AH-0316-4	4-Wire With Relay Output