

SILENT KNIGHT HEAT DETECTOR

| Intelligent Detectors

The Honeywell Silent Knight Series detectors are intelligent (addressable) detectors with point ID capability that enable each detector address to be set with rotary address switches providing exact device locations. Detector sensitivity is continually monitored and reported to the fire alarm control panel. The modern design and expanded color options support contemporary aesthetic demands. In addition, each detector is constructed for exceptional installation and maintenance efficiency.

Silent Knight Series thermal detectors provide cost-effective, intelligent property protection with a UL 521 listing: the SK-HEAT-W. offers 135°F fixed thermal detection; the SK-HEAT-ROR-W. offers 135°F fixed and rate-of-rise thermal detection; the SK-HEAT-HT-W. provides fixed high temperature detection at 190°F.



SK-HEAT-W.
SK-HEAT-ROR-W.
SK-HEAT-HT-W.

FEATURES & BENEFITS

- Designed to meet UL 7th Edition
- New modern profile
- Analog communications
- Low standby current
- Rotary address switches
- Dual LEDs for 360 visibilities
- Expanded color options

TECHNICAL SPECIFICATION

PHYSICAL	
Height	2.0" (51mm)
Diameter	4.1" (104 mm) installed in B501 base
Weight	3.4 oz (95 g)

ELECTRICAL RATINGS

Voltage Range	15 to 32VDC peak Operating Current @ 24VDC: 200mA (one communication every 5 seconds with green LED blink on communication)-
Maximum Current	4.5mA @ 24VDC (one communication every 5 seconds with amber LED solid on)
Maximum Alarm Current	2mA @ 24VDC (one communication every 5 seconds with red LED solid on)

ENVIRONMENTAL

Operating Temperature	
Heat -Fixed temperature	4°F to 100°F (-20°C to 38°C)
Heat -Rate of Rise (ROR)	4°F to 100°F (-20°C to 38°C)
Heat -High Temperature	4°F to 150°F (-20°C to 66°C)
Humidity	10% to 93% non-condensing
Thermal Ratings	Fixed Temperature Set point: 135°F (57°C)
Rate-of-Rise Detection:	15°F/min. (8.3°C/min.)
High Temperature Heat	190°F (88°C)

BASES

B501-WHITE-SK	4" mounting base, white.
B200S-WH	Intelligent addressable sounder base, white.
B224BI-WH	Isolator base, white.
B300-6	6" mounting base, white.

ORDERING INFORMATION

SK-HEAT-W.	Thermal heat detector, 135°F fixed, white
SK-HEAT-ROR-W.	Thermal heat detector, 135°F rate of rise, white.
SK-HEAT-HT-W.	Thermal heat detector, 190°F high temp, white.

AGENCY LISTINGS AND APPROVALS

For exact certification listings for each model, please refer to the respective agency Web site.

- UL listed
- FM approved

COMPATIBILITY

The SK-HEAT-W., SK-HEAT-ROR-W., SK-HEAT-HT-W. are compatible with the following Silent Knight Series FACP's:

- 6820U
- 6820UEVS
- 6808U

For a complete listing of all compliance approvals and certifications, please visit <https://buildings.honeywell.com>. Silent Knight™ is a trademark of Honeywell International, Inc. This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

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