



## UROX.S6173 Smoke-automatic Fire Detectors

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### Smoke-automatic Fire Detectors

See General Information for Smoke-automatic Fire Detectors

**SILENT KNIGHT BY HONEYWELL**

S6173

7550 MERIDIAN CIR

MAPLE GROVE, MN 55369 USA

Application	Type	Compatibility Restriction	Velocity		Model
			Range Min	(fpm) Max	
OAP	P	++	0	300	SD400-CPS
OAP	I	+	0	300	SD505-AIS
OAP	P	+	0	300	SD505-APS
D(ST)	I	+	300	4000	SD505-ADH
(W/SD505-AIS)					
D(ST)	P	+	500	4000	SD505-ADH
(W/SD505-APS)					
D(ST)	I	+	300	4000	SD505-ADHR
(W/SD505-AIS)					
D(ST)	P	+	500	4000	SD505-ADHR
(W/SD505-APS)					
D(ST)	P	+	300	4000	SD505-DUCT, SD505-DUCTR
Base Model No.	Related Detector				Control Unit Compatibility Restriction
SD505-4AB	SD505-AIS, -APS				+
SD505-6AB	SD505-AIS, -APS				+
SD505-6SB	SD505-AIS,				(+)
	-APS, AHS				
SD505-6RB	SD505-AIS,				(+)
	-APS, AHS				
IDP-6AB	1151, 1151EIS, 2151, 1251, 2251, 3251, 7251				**
Detector Model	Principle	Application	DUCT DETECTORS		Compatible Control Unit
			Velocity (fpm)	Pressure Differential Between Sampling Tube (in of W6x16)	

			Max	Min	Max	Min	
IDP-PDUCT, IDP-PDUCT-R (S)	P	D/ST	4000	100	1.4	0.03	**
Detector Model	Type	Control Unit Compatibility Restriction	Velocity Range-fpm		Application		
			Min	Max			
IDP-BEAM, IDP-BEAM-T	Beam	**	0	300	OAP		
IDP-PHOTO, IDP-PHOTO-T(h), IDP-ACCLIMATE(h)	P	**	0	4000	OAP		
IDP-ION	I	**	0	500	OAP		

**Projected beam smoke detectors**, Models IDP-BEAM and IDP-BEAM-T. For connection to Listed control units with which compatibility was determined by test. Compatible models indicated on installation wiring diagram for control unit. Suitable for use in ambient temperatures of -30 C to 55 C (-22 to 131 F) with a max distance of 12-18 in. below the ceiling.

+ -For connection to Listed control units with which compatibility was determined by test or a review of circuit parameters. Interconnection and compatible Models indicated on installation wiring diagram for Detector (Base) and/or control units.

+ + -Certain bases provide two-wire connections and Listing is limited to specific system control units. Information on compatible control units is indicated on the installation drawing of the control unit and/or detector.

\*\* -For connection to Listed control units with which compatibility was determined by test or a review of circuit parameters. Interconnection and compatible models indicated on installation wiring diagram for detector (base) and/or control unit.

D(ST)-Duct detector-sampling tubes.

I-Ionization.

OAP-Open area protection.

P-Photoelectric.

(h)-Employs auxiliary 135 F rated heat sensor.

(S)-Suitable for use in ambient temperatures of 0-55 C (23-131 F).

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