Smoke Detectors for Fire Alarm Systems

COMPANY
Simplex Time Recorder Co
6 TECHNOLOGY PARK DR
WESTFORD, MA 01886 United States

S1199

Investigated to UL 268 (7th ed.)
Products Suitable for Ducts, D(I) and D(ST) are investigated to UL 268A

Detector			Compatibility	Velocity Range (fpm)		date of	Time of Manufacture	Firmware Version
Model	Application	Type	Restrictions	Min	Max	Manufacture	Firmware Version	Update
A4098-9774 (m)	OAP	P	D2	0	4000	-	-	-
4098-9774 (m)	OAP, RS	P	D2	0	4000	-	-	-
4098-5251, 4098-5280, 4098-5284, 4098-5287, 4098-5291	OAP	P	D2	0	300	Footnote (o)	Footnote (o)	Footnote (o)
4098-5252, 4098-5288, 4098-5292	OAP, D	P(IHD)	D2	0	4000	Footnote (o)	Footnote (o)	Footnote (o)
4098-5254, 4098-5283, 4098-5290	OAP	P(IHD)	D2	0	300	Footnote (o)	Footnote (o)	Footnote (o)
4098-5255	OAP	P(IHD)	D2	0	300	Footnote (o)	Footnote (o)	Footnote (o)
4098-5255C	OAP	P(IHD)	D2	0	300	Footnote (o)	Footnote (o)	Footnote (o)
4098-5256	OAP, D	P	D2	0	4000	Footnote (o)	Footnote (o)	Footnote (o)
4098-5256C	OAP	P	D2	0	300	Footnote (o)	Footnote (o)	Footnote (o)
4098-5265	OAP	P	D2	0	300	Footnote (o)	Footnote (o)	Footnote (o)

4098-5266	OAP, D	P(IHD)	D2	0	4000	Footnote (o)	Footnote (o)	Footnote (o)
4098-5268	OAP	P(IHD)	D2	0	300	Footnote (o)	Footnote (o)	Footnote (o)
4098-5281, 4098-5285	OAP	P(IHD)	D2	0	300	Footnote (o)	Footnote (o)	Footnote (o)
4098-5601	OAP	P	D2	0	300	-	-	-
4098-5602	OAP	P	D2	0	300	-	-	-
4098-5603	OAP	P	D2	0	300	-	-	-
4098-5604	OAP	P	D2	0	300	-	-	-
4098-5701	OAP, D	P	D2	0	4000	Footnote (o)	Footnote (o)	Footnote (o)
4098-5702	OAP	P(IHD)	D2	-	-	-	-	-
4098-5704	OAP	P(IHD)	D2	-	-	-	-	-
4098-9714 (d), (m), 4098-9714K (d),(m), GSA4098-9714 (d)(m), GSA4098-9714E (d)	OAP, RS	P	D2	0	4000	-	-	-
4098-9764 (m), 4098-9764K (m)	RS	P(IHD)	D2	0	4000	-	-	-
4098-9764BA (m)	RS	P(IHD)	D2	0	4000	-	-	-
4098-9764BK (m)	RS	P(IHD)	D2	0	4000	-	-	-
4098-9768 (m)	OAP	P(IHD)	D2	0	4000	-	-	-
4098-9768BA (m)	OAP	P(IHD)	D2	0	4000	-	-	-
4098-9768BK (m)	OAP	P(IHD)	D2	0	4000	-	-	-
4098-VEP-A00-1P, 4098-VEP-A00-P, 4098-VEP-A10-P	OAP, D, AS	Laser	D1	0	4000	2020-06-22	8.13.01	-
4098-VES-A00-P, and 4098-VES-A10-P	OAP, D, AS	Laser	D1	0	4000	2020-08-30	8.13.01	-

4098-VEU-A00, 4098-VEU-A10	OAP, D, AS	Laser	D1	0	4000	2020-08-31	8.13.01	-
516-845-001	OAP	P(IHD)	D2	-	-	-	-	-
516-845-002	OAP	P	D2	-	-	-	-	-
516.900.201	OAP	P	D2	0	300	-	-	-
516.900.202	OAP	P	D2	0	300	-	-	-
A4098-9714 (m)	OAP	P	D2	0	4000	-	-	-
A4098-9714BA (m)	OAP	P	D2	0	4000	-	-	-
A4098-9764BA (m)	RS	P(IHD)	D2	0	4000	-	-	-
A4098-9764BK (m)	RS	P(IHD)	D2	0	4000	-	-	-
A4098-9768 (m)	OAP	P(IHD)	D2	0	4000	-	-	-
A4098-9768BA (m)	OAP	P(IHD)	D2	0	4000	-	-	-
A4098-9768BK (m)	OAP	P(IHD)	D2	0	4000	-	-	-

Base Model	Related Detector	Control Unit Compatibility Restrictions
4098-5261	4098-5251, 4098-5252, 4098-5254,4098-5265,4098-5256,4098-5266, 4098-5268, 4098-5280, 4098-5281, 4098-5283, 4098-5290, 4098-5255, 4098-5256, 4098-5284, 4098-5285, 4098-5291, 4098-5292, 4098-5601, 4098-5602, 4098-5603, 4098-5604, 4098-5701, 4098-5702, 4098-5704, 516.845.001, 516.845.002, 516.900.201, 516.900.202, 4098-5284, 4098-5287, 4098-5288	B2
GSA4098-9796(h)*	4098-9764,4098-9764BA, 4098-9764BK	B2
4098-9775	-	None
4098-9776	-	None
4098-5207	4098-5701, 4098-5702, 4098-5704, 4098-5601, 4098-5602, 4098-5603, 4098-5604, 516.900.201, 516.900.202, 516-845-002, 516-845-001	B2
4098-5208	4098-5255, 4098-5256	B2
4098-5210	4098-5251, 4098-5252, 4098-5254,4098-5255,4098-5256,4098-5265,4098-5266, 4098-5268, 4098-5280, 4098-5281, 4098-5283, 4098-5284,4098-5285, 4098-5287,4098-5288, 4098-5290,4098-	B2

	5291, 4098-5292,516.845.001, 516.845.002,4098-5701,4098-5702,4098-5704	
4098-5212, 4098-5215	4098-5251, 4098-5252, 4098-5254,4098-5255,4098-5256,4098-5265, 4098-5266, 4098-5268, 4098-5280, 4098-5281, 4098-5283, 4098-5284,4098-5285, 4098-5287,4098-5288, 4098-5290,4098-5291, 4098-5292	B2
4098-5214 Duct Detector Housing	4098-5252, 4098-5256, 4098-5266, 4098-5288, 4098-5292, 4098-5701, A4098-5256, A4098-5266, A4098-5701	B7
4098-5260	4098-5251, 4098-5252, 4098-5256,4098-5255, 4098-5254, 4098-5265, 4098-5266, 4098-5268, 4098-5280, 4098-5281, 4098-5283,4098-5284,4098-5285, 4098-5287, 4098-5288, 4098-5290, 4098-5291, 4098-5292	B2
4098-5680	4098-9601, JTY-GF-CN4098-9601, CN4098-9602, CN4098-9603, CN4098-9605, CN4098-9633	B2
4098-5682	4098-9601, JTY-GF-CN4098-9601, CN4098-9602, CN4098-9605, CN4098-9633	B4
4098-9766, 4098-9793, 4098-9777, 4098-9767, 4098-9767BA and 4098-9767E	4098-9714, 4098-9717, 4098-9733, 4098-9774, 4098-9778	B2
4098-9770, 4098-9771, 4098-9773	4098-9764, 4098-9764BA, 4098-9764BK,	B2
4098-9772(a)(b)(n)*, 4098-9794(a)(b)*, 4098-9794E*, 4098-9795(a)(c)*, GSA4098-9794(h), GSA4098-9795(h)*	4098-9714	B2
4098-9789*, 4098-9792*, 4098-9791*, 4098-9793*, 4098-9780, 4098-9796	4098-9714, 4098-9764, 4098-9764BA, 4098-9764BK	B2
4098-9792K*, 4098-9793K*	4098-9714, GSA4098-9714, 4098-9714K, 4098-9774, 4098-9764, 4098-9764BA& 4098-9764BK, 4098-9764K	B2
4098-9794K(a)*	4098-9714, GSA4098-9714, 4098-9714K, 4098-9774, 4098-9764, 4098-9764BA& 4098-9764BK, 4098-9764K	B2
4B-UL	516.900.201, 516.900.202	B2
5B	516.900201, 516.900.202	B2
5BI-UL	4098-5255, 4098-5256	B2
GSA4098-9780(h), 4098-9780E	-	B2
GSA4098-9789(h), 4098-9789E*, 4098-9792E*, GSA4098-9792(h)*, GSA4098-	4098-9714, 4098-9764, 4098-9764BA, 4098-9764BK,	B2

9793(h)*, 4098-9793E*, 4098-9791E*		

Investigated to UL 268 (previous editions)
Products Suitable for Ducts, D(I) and D(ST) are investigated to UL 268A

Detector			Compatibility	Velocity Range (fpm)		date of	Time of Manufacture	Firmware Version
Model	Application	Type	Restrictions	Min	Max	Manufacture	Firmware Version	Update
4098-9019 (&)	OAP	PB	D1	-	-	May 27, 2025	3.9	-

B2 - 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.

B4 - For connection to any manufacturer's Listed compatible control unit.

B7 - Determined by head.

D1 - Listing limited to specific system control unit. Information on compatible control unit indicated on installation drawing of control unit and/or detector.

D2 - 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.

OAP - Open Area Protection

P - Photoelectric

RS - Releasing Service

D - Duct Detector

IHD - Includes Integral Heat Detector

AS - Air Sampling

PB - Projected Beam

date of Manufacture identifies the manufacturing start date of all product models that will use the specific Time of Manufacture Firmware Version. The date of manufacture is noncoded and in the format YEAR (in 4 digits), MONTH (in letters), DAY (in 2 digits).

Time of Manufacture Firmware Version identifies a numerical and/or alphabetic series designation that is product and date-code specific and will only identify the Firmware Version at the time the product was manufactured. The numeric and/or alphabetic sequence is defined by the manufacturer.

Firmware Version Update is a numerical and/or alphabetic sequential identification that is product and date-code specific and sequentially identifies the Firmware Version Update from the previous version of firmware. The numerical and/or alphabetic sequence is defined by the manufacturer.

(&) - Consisting of controller part number 4098-9020, detector and prism

(a) - Includes integral audible signal.

(b) - Complementary Listing of product under ULSZ, File E31205 and EOQF, File S1199.

(c) - Complementary Listing of product under ULSZ, File E31205.

(d) - Special application, system sensitivity may be set between 0.2 and 0.5 percent per foot obscuration.

(i) - Complementary Listing of product under FTAM, File E320673

(m) - Includes a 4000FPM air velocity rating

(n) - Low Frequency 520Hz Detector Sounder Base

(o) - Since the software resides within the compatible fire alarm control panel, the firmware version is not applicable.

* - Optional, may be used in combination with the Model 4098-9832 adapter base.

h - may be used at ambient temperature up to 150F

P - - Photoelectric

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