Smoke Detectors for Fire Alarm Systems

COMPANY
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S35905

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	-	-	-
A4098-5251	OAP	P	D2	0	300	Footnote (o)	Footnote (o)	Footnote (o)
A4098-5252	OAP	P(IHD)	D2	0	300	Footnote (o)	Footnote (o)	Footnote (o)
A4098-5254	OAP	P(IHD)	D2	0	300	Footnote (o)	Footnote (o)	Footnote (o)
A4098-5255	OAP	P(IHD)	D2	0	300	Footnote (o)	Footnote (o)	Footnote (o)
A4098-5256	OAP	P	D2	0	300	Footnote (o)	Footnote (o)	Footnote (o)
A4098-5265	OAP	P	D2	0	300	Footnote (o)	Footnote (o)	Footnote (o)
A4098-5266	OAP	P(IHD)	D2	0	300	Footnote (o)	Footnote (o)	Footnote (o)
A4098-5268	OAP	P(IHD)	D2	0	300	Footnote (o)	Footnote (o)	Footnote (o)
A4098-5601	OAP	P	D2	0	300	-	-	-
A4098-5602	OAP	P	D2	0	300	-	-	-
A4098-5603	OAP	P	D2	0	300	-	-	-
A4098-5604	OAP	P	D2	0	300	-	-	-
A4098-5701	OAP	P	D2	-	-	-	-	-
A4098-5702	OAP	P(IHD)	D2	-	-	-	-	-
A4098-5704	OAP	P(IHD)	D2	-	-	-	-	-

A4098-9714 (m)	OAP	P	D2	0	4000	-	-	-
A4098-9764	RS	P(IHD)	D2	0	4000	-	-	-
A4098-9764BA	RS	P(IHD)	D2	0	4000	-	-	-
A4098-9764BK	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	-	-	-
A4098-VEP-A00-1P	OAP, D, AS	Laser	D1	0	4000	2020-06-22	8.13.01	-
A4098-VEP-A00-P	OAP, D, AS	Laser	D1	0	4000	2020-06-22	8.13.01	-
A4098-VEP-A10-P	OAP, D, AS	Laser	D1	0	4000	2020-06-22	8.13.01	-
A4098-VES-A00-P	OAP, D, AS	Laser	D1	0	4000	2020-08-30	8.13.01	-
A4098-VES-A10-P	OAP, D, AS	Laser	D1	0	4000	2020-08-30	8.13.01	-
A4098-VEU-A00	OAP, D, AS	Laser	D1	0	4000	2020-08-31	8.13.01	-
A4098-VEU-A10	OAP, D, AS	Laser	D1	0	4000	2020-08-31	8.13.01	-

Base Model	Related Detector	Control Unit Compatibility Restrictions
A4098-5680	4098-9601, JTY-GF-CN4098-9601, CN4098-9602, CN4098-9603, CN4098-9605, CN4098-9633	B2
A4098-5682	4098-9601, JTY-GF-CN4098-9601, CN4098-9602, CN4098-9605, CN4098-9633	B4
A4098-9682	4098-9601	B4
A4098-9683	4098-9601	B4
A4098-9777	-	None
A4098-9789BA	A4098-9714, JTY-GM-CN4098-9714, CN4098-9733, CN4098-9717, CN4098-9754, CN4098-9754	B2

A4098-9792BA*	A4098-9714, JTY-GM-CN4098-9714, CN4098-9733, CN4098-9717, CN4098-9754, CN4098-9754	B2
A4098-9793BA*	A4098-9714, 4098-9714TP, A4098-9733, A4098-9754, CN4098-9714, CN4098-9754	B2
A4098-9794BA	A4098-9714 (d), JTY-GM-CN4098-9714 (d), GSA4098-9714 (d), GSA4098-9714E (d), GSA4098-9714TP (d), GSA4098-9714TTP (d), 4098-9754E (d), 4098-9754TTP (d), GSA4098-9754 (d)	B2

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
A4098-9779	OAP, RS	P(IHD)	D2	0	4000	-	-	-
A4098-9019 [a]	OAP	PB	D1	-	-	May 27, 2025	3.9	-
A4098-9601	OAP, D(I)	P	D7	0	2000	-	-	-
A4098-9601BA	OAP, D(I)	P	D7	0	2000	-	-	-
A4098-9602	OAP	P	D7	0	2000	-	-	-
A4098-9602BA	OAP	P	D7	0	2000	-	-	-
A4098-9605	OAP	P	D7	0	2000	-	-	-
A4098-9714	OAP, RS	P	D2	0	4000	-	-	-
A4098-9714BA	OAP, RS	P	D2	0	4000	-	-	-
A4098-9754	OAP, RS	P(IHD)	D2	0	4000	-	-	-
A4098-9754BA	OAP, RS	P	D2	0	4000	-	-	-
A4098-9757	OAP	P	D2	0	2000	-	-	-
A4098-9774	OAP, RS	P	D2	0	4000	-	-	-

Detector			Compatibility	Velocity Range (fpm)		Pressure Differential Between Sampling Tube		date of	Time of Manufacture	Firmware Version
Model	Application	Type	Restrictions	Min	Max	Min	Max	Manufacture	Firmware Version	Update

A4098-5214	D(ST)	P	D2	500	4000	0.016	1.00	-	-	-
A4098-9685	D(ST)	P	D2	300	4000	0.015	1.55	-	-	-
A4098-9686	D(ST)	P	D2	300	4000	0.015	1.55	-	-	-
A4098-9687	D(ST)	P	D2	300	4000	0.015	1.55	-	-	-
A4098-9688	D(ST)	P	D2	300	4000	0.015	1.55	-	-	-

Base Model	Related Detector	Control Unit Compatibility Restrictions
A4098-5260	A4098-5251, A4098-5252, A4098-5254	B2
A4098-5261	A4098-5251, A4098-5252, A4098-5254	B2
A4098-9766	A4098-9714, A4098-9733, A4098-9774, A4098-9778	B2
A4098-9767, A4098-9767BA, A4098-9767E	A4098-9714, A4098-9733, A4098-9774, A4098-9778	B2
A4098-9770	-	B2
A4098-9771	-	B2
A4098-9772	A4098-9714	B2
A4098-9773	-	B2
A4098-9775	-	None
A4098-9776	-	None
A4098-9780	-	B2
A4098-9789*	A4098-9714	B2
A4098-9789E*	A4098-9714	B2
A4098-9791*	A4098-9714	B2
A4098-9792*	A4098-9714	B2
A4098-9792E*	A4098-9714	B2
A4098-9793*	A4098-9714, A4098-9733	B2
A4098-9794	A4098-9714	B2
A4098-9794E	A4098-9714	B2
A4098-9795	none	B2

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.

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.

D7 - The detector head is used with a separable base where the base determines function and connection.

OAP - Open Area Protection

P - Photoelectric

IHD - Includes Integral Heat Detector

RS - Releasing Service

D - Duct Detector

AS - Air Sampling

PB - Projected Beam

D(I) - Duct Detector - Installation Inside Duct

D(ST) - Duct Detector - Sampling Tubes

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.

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

(m) - Includes a 4000FPM air velocity rating

* - Optional, may be used in combination with the Model A4098-9832 adapter base.

[a] - Consisting of controller part number A4098-9020, detector and prism

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