



UQGS.S747 Heat-automatic Fire Detectors

[Page Bottom](#)

[Questions?](#)

Heat-automatic Fire Detectors

[See General Information for Heat-automatic Fire Detectors](#)

NOTIFIER

S747

12 CLINTONVILLE RD
NORTHFORD, CT 06472 USA

Notifier. Models 501 (136 F) and 502 (190 F), open circuit type, combining operation on both rate-of-rise and fixed temperature principles. Line wires join terminal screws in mounting base.

Distance between heat detectors on smooth ceilings with large bays shall be not in excess of 50 ft and distance of heat detector from any wall or partition not more than 25 ft.

Notifier. Models 503 (136 F) and 504 (190 F), open circuit type, fixed temperature operation.

Distance between heat detectors on smooth ceilings with large bays shall be not in excess of 15 ft and distance of heat detector from any wall or partition not more than 7.5 ft.

Models HD-601, -621 (135 F) and HD-602, -622 (200 F) open circuit type, combining operation on both rate-of-rise and fixed temperature principles. Line wires join terminal screws in base.

Distance between heat detectors on smooth ceilings with large bays shall not be in excess of 50 ft and distance of heat detector from any wall or partition not more than 25 ft.

Models HD-603, -623 (135 F) and HD-604, -624 (200 F) open circuit type, fixed temperature operation.

Distance between heat detectors on smooth ceilings with large bays shall not be in excess of 25 ft and distance of heat detector from any wall or partition not more than 12.5 ft.

Temperature rating of Models 601 to 604 incl. and 621 to 624 incl. are indicated as follows:

Type	Heat Collector Col Coding	Temp Rating F
Fixed temp only	White with grey dot in center	135
Fixed temp only	White with grey dot in grey circle	200
Fixed temp and R/R	All white	135
Fixed temp and R/R	White with grey circle	200

Firespot, Models "A" and "AT" open circuit, fixed temperature type. Temperature ratings of 135 and 200 F.

The distance between detectors on smooth ceilings with large bays shall not be in excess of 50 ft and the distance of detectors from any wall or partition not more than 25 ft.

Cat. No.	Optional Suffix	Temp Rating Fixed Temp Element F	Contact Arrangement
HD-83	M, R, L, F	135	NO
HD-84	M, R, L, F	194	NO

Combination fixed temperature and Rate of Rise. Distance between heat detectors on smooth ceilings with large bays shall be not in excess of 30 ft and distance of heat detector from any wall or partition not more than 15 ft.

"Notifier," open circuit, combining operation on both fixed temperature and rate anticipation: Model 302H (horizontally mounted), temperature ratings 135 and 200 F.

Distance between heat detectors on smooth ceilings with large bays shall be not in excess of 40 ft and distance of heat detector from any wall or partition not more than 20 ft.

"Notifier," open circuit, combining operation on both fixed temperature and rate anticipation: Model 302 (vertically mounted), temperature ratings 135 and 200 F.

Distance between heat detectors on smooth ceilings with large bays shall be not in excess of 50 ft and distance of heat detector from any wall or partition not more than 25 ft.

Type	Model No.	Temp Rating F	Smooth Ceiling Spacing (Ft)	
			Between Detector	to Wall or Partition
ROR-FT	FDX-551R	135	50	25
ROR-FT	FST-751R,	135	50	25
	FST-851R			
FT	NH-100R	135	50	25
ROR-FT	NH-100	135	50	25

ROR-FT - Combination Rate of Rise-Fixed Temperature.

Type	Temp Rating F	Smooth Ceiling Spacings		Contact Arrangement	Model No.
		Between Detector	to Wall or Partition		
FT	135	50	25	No	DFE-135
FT	190	50	25	No	DFE-190
FT	135	30	15	No	45
FT	200	15	7.5	No	45H
ROR-FT	136	50	25	No	81A
ROR-FT	190	50	25	No	82A
FT	135	25	12.5	No	83A
FT	200	15	7.5	No	84A
FT	135	50	25	(1)	FDX-551
FT	135	50	25	(1)	FST-751, -851
FT	190	50	25	(1)	FST-851H

(1) Listing limited to specific control unit. Information on compatible control unit indicated on installation drawing of control unit and/or detector.

Model No.	Optional Suffix	Temp Rating Fixed Temp Element F	Contact Arrangement
81	M, R, L, F	135	No
82	M, R, L, F	194	No

The distance between detectors on smooth ceilings with large bays shall not be in excess of 25 ft and distance of detectors from any wall or partition not more than 12.5 ft.

The distance between detectors on smooth ceilings with large bays shall not be in excess of 50 ft and distance of detectors from any wall or partition not more than 25 ft.

Model No.	Optional Suffix	Temp Rating Fixed Temp Element F	Contact Arrangement
83	M, R, L, F	135	No
84	M, R, L, F	194	No

Combination fixed temperature — Rate-of-Rise. Distance between detectors on smooth ceilings with large bays shall not be in excess of 50 ft and distance of detectors from any wall or partition not more than 25 ft.

Model No.	Optional Suffix	Temp Rating Fixed Temp Element F	Contact Arrangement
HD-81	M, R, L, F	135	No
HD-82	M, R, L, F	194	No

ROR-FT: Combination rate of rise and fixed temperatures.

FT: Fixed temperature.

Electrical ratings: Model FR: 6-120 v, ac, 1 amp; 6-24 v, dc, 0.5 amp.

Electrical ratings: Models 302, 302H, 6-125 v, ac, 5 amp; 6-25 v, dc, 1.0 amp; 125 v, dc, 0.5 amp. Models 501, 502, 503, 504, 601, 602, 603, 604, 621, 622, 623, 624, 3 amp, 6-125 v, ac; 1 amp, 6-28 v, dc; 0.3 amp, 125 v, dc; 0.1 amp, 250 v, dc. Models A, AT, 6-125 v, ac, 6 amp; 6-28 v, dc, 3 amp; 125 v, dc, 1 amp; 250 v, dc, 0.3 amp.

This listing applies to heat detectors only and not to wiring or other appliances of systems of which they form a part.

Last Updated on 20040806

[Page Top](#)

[Notice of Disclaimer](#)

[Questions?](#)

[UL Listed and Classified Products](#)

[UL Recognized Components](#)

[Products Certified for Canada](#)

This page and all contents are Copyright © 2004 by Underwriters Laboratories Inc.®

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2004 Underwriters Laboratories Inc.®"