

PRICE LIST
PRICE LIST
PRICE LIST

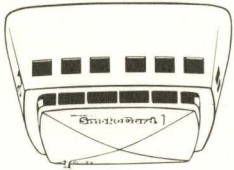



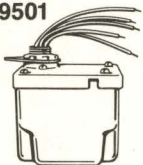
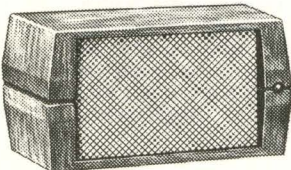
Effective May 1, 1980
Supersedes all previous price lists

PRICE LIST
PRICE LIST
PRICE LIST
DISTRIBUTOR PRICE LIST / ELECTRICAL
PRICE LIST
PRICE LIST
PRICE LIST



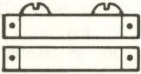

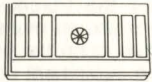


STATITROL DIVISION
EMERSON ELECTRIC CO
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
(303) 986-1581



Models	Features	Distributor Price		Suggested Dealer Price
Model 809A  Weight: 1 lb.	<p>“SmokeGard” IONIZATION SMOKE DETECTOR — 9 volt battery-powered. Push-to-test button checks all electronic circuitry. Features new “Dual Alarm Comparator” (D.A.C.). For existing homes, condominiums, apartments, etc. Packed 12 units per carton, 12 lbs. —</p>	12-84 \$11.40 96-216 10.30 228-564 9.40 576 + 8.95	\$14.25	
Model 810A  Weight: 1 lb.	<p>Model 810A — 8" x 8" x 3" (Available May 1, 1980)</p> <p>For retail packaging add 10¢ per unit.</p>			
Model 907A  Weight: 1 lb.	<p>“SmokeGard” IONIZATION SMOKE DETECTOR — 120 volt AC powered. Mounts to all standard electrical boxes. Features new “Dual Alarm Comparator” (D.A.C.) and push-to-test button. Excellent for new construction. Packed 12 units per carton, 12 lbs. — 8" x 8" x 3"</p>	12-84 \$10.90 96-216 9.85 228-564 8.95 576 + 8.55	\$13.75	
Model 907B  Weight: 1 lb.	<p>“SmokeGard” IONIZATION SMOKE DETECTOR — 120 volt AC powered as described above (907A). Interconnects up to ten (10) units. Packed 12 units per carton, 12 lbs. — 8" x 8" x 3"</p>	12-84 \$11.50 96-216 10.45 228-564 9.50 576 + 9.05	\$14.50	
Model 9501 	<p>ACCESSORY RELAY — U.L. Listed — designed to be installed remote from Model 907B “SmokeGard”. Gives capability of initiating remote alarm devices such as horns, bells, lights, telephone dialers, etc. Packed 12 units per carton.</p>	12-36 \$8.40 48 + 8.00	\$10.40	
Model 1152A  Weight: 2 lbs.	<p>RESIDENTIAL INTRUSION DETECTOR — Battery-powered, passive infrared, anti-intrusion device for residential and light industrial applications. Requires no wiring, giving advantage of immediate installation and portability. Excellent for single-family home, apartment/condominium, and office. Self contained; attractive design. Retail packaging. Packed 6 units per carton, 12 lbs. — 5" x 9" x 5 3/8".</p>	6 \$58.05 12-24 54.25 30-48 51.65 54+ 48.25	\$85.00	

Prices Include Batteries

Models	Features	Distributor Price		Suggested Dealer Price
Model 9502 	ACCESSORY ELECTRONIC SIREN — Weather resistant horn and power pack designed to be utilized with Residential Intrusion Detector and Perimeter Intrusion System. 6-12 V.D.C. horn exceeds 105 db., 120 V.A.C. power pack. Packed 6 units per carton.	6-18 24 +	\$29.40 28.00	\$41.94
Model 1200A 	PERIMETER INTRUSION SYSTEM — Hard-wire intrusion system ideal for residential use in single and multiple family homes, apartments, and condominiums. System contains: 1 surface-mounted control panel, 2 magnetic door/window switches, 1 plug-in transformer, 25'-2 conductor Cable. The system is easily expanded with optional accessories to meet almost any residential need. Packed six units per carton.	6 +	\$55.00	\$73.15
1200-0001 	MAGNETIC DOOR/WINDOW SWITCH — Perimeter system accessory. Surface mounted switches detect intrusion when a protected door or window is opened. Packed 6 units per carton.	6 +	\$6.00	\$7.95
1200-0002 	REMOTE DISARM SWITCH — Perimeter system accessory. Allows convenient exit from home without having to return to control. Pushbutton disarms system for 40 seconds. System automatically rearms after the 40 second disarm period. Packed 3 units per carton.	3 +	\$3.00	\$3.95
1200-0003 	INDOOR ALARM HORN — Perimeter system accessory. Use in hallways, bedrooms, etc. Produces loud alarm sound. Do not use more than three per installation. Packed 3 units per carton.	3 +	\$6.50	\$8.65

Prices Include Batteries

Orders will be accepted and shipments made only in standard case lots of each model. Individual shipment may consist of a mixture of case lots to qualify for volume discounts.

QUANTITY PRICING BASED ON SINGLE ORDER FOR SHIPMENT TO ONE DESTINATION. MULTIPLE SHIPMENTS ALLOWED TO COMPANY-OWNED LOCATIONS ONLY.

Freight prepaid to single destination in continental U.S.A. or U.S. Port of Entry on shipments of 96 or more smoke detectors. Lesser shipments are freight collect. On other products, \$900 order minimum for prepaid freight.

Minimum invoice amount for any single order must equal or exceed \$100.

Factory authorized returns subject to 15% restocking charge. NO MERCHANDISE RETURNS WILL BE ACCEPTED WITHOUT PRIOR WRITTEN AUTHORIZATION.

Special requirements (packing, marking, etc.) subject to additional charge. (Contact Factory Representative)

Terms: 2% 10th prox., net 11th cash discount subject to the following:

1. Invoices dated after the 24th of a month will be considered to be as of the first day of the month.
2. Remittance by mail postmarked on the 10th of a month, or earlier, will qualify for 2% cash discount on all invoices dated in the preceding month and from the 25th of the next preceding month.
3. Invoices not paid within the discount period are immediately due on net terms and must be paid before cash discount will be allowed on current invoices.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

TERMS AND CONDITIONS

1. The terms and conditions set forth herein are the standard terms and conditions of acceptance of purchase orders by Statitrol Division, Emerson Electric Co., hereinafter referred to as the "Company," and shall constitute the entire agreement between the Purchaser and the Company.
2. PURCHASE ORDERS, ETC. Any terms or conditions of any customer's order or other instrument which are in addition to or inconsistent with the Company's terms and conditions set forth herein, shall not be binding on the Company and shall not apply to this sale. No waiver, change or modification of any of the terms or conditions set forth herein shall be binding on the Company unless in writing signed by an officer of the Company.
3. TERMS OF PAYMENT AND PRICES. Unless otherwise provided for on the face hereof, terms of payment are:
 - a) Thirty days net from date of invoice, unless otherwise stated, on all equipment for destination within the United States and Canada,
 - b) Net cash by irrevocable letter of credit on all equipment for destination outside the United States and Canada, subject to approval of credit by the Company at time of equipment shipment.All payments shall be in legal currency of the United States. Before any equipment may be returned to Statitrol for credit or other billing adjustment (as opposed to returns for repair and/or replacement provided for in the warranty clause set forth below), prior written authorization must be obtained from an officer of the Company together with appropriate shipping instructions for return or transfer of the equipment, prepaid to destination. All authorized returns are subject to a restocking charge and Statitrol assumes no responsibility whatsoever for unauthorized returns. Prices and terms are subject to change without notice and to correction for error.
4. DELIVERY. Unless otherwise provided for on the face hereof, all shipments are F.O.B. Lakewood, Colorado. Shipment schedules are approximate and are based on conditions at the time of acceptance. The Company will make every effort to complete shipment as indicated, but assumes no responsibility or liability for loss or damage by reason of delay or inability to ship caused by acts of God, fires, floods, wars, embargoes, labor disputes, acts of sabotage, riots, accidents, delays of carriers, sub-contractors or suppliers, voluntary or mandatory compliance with any government act, regulation or request, shortage of labor, materials or manufacturing facilities, or any other cause or causes beyond the Company's reasonable control. If, by reason of any of these things, the Company's supplies of the materials covered hereby are limited, the Company shall have the right to prorate the available supply in such manner as it, in its discretion, determines.
5. PARTIAL DELIVERIES. Partial deliveries shall be accepted and paid for at contract prices on maturity of bills therefor. If any part of the material is not delivered by the Company or is not in accordance with the order, the order for the remainder of the material and Purchaser's obligation thereunder shall not be affected thereby. The Company may, at its option, replace any or all returned material within a reasonable time after it is finally determined that the returned goods are not in accordance with the contract; and in such event the Company shall not be liable for any damages arising from the defective delivery or delay caused thereby.
6. INSPECTION ON ARRIVAL. The Purchaser shall inspect the material immediately on its arrival and shall within five (5) days of its arrival give written notice to the Company of any claim for shortage of material that does not conform with the terms of the contract. If the Purchaser shall fail to give such notice, the material shall be deemed to conform with the terms of the contract, and the Purchaser shall be bound to accept and pay for the material in accordance with the terms of the contract.
7. WARRANTY. Statitrol warrants the equipment of its manufacture to be free from defects in workmanship, materials and construction under normal use and service.
 - a) for a period of one (1) year from date of purchase with respect to SmokeGard* type early warning detectors and auxiliary residential fire protection/escape devices. (*Trademark)
 - b) for a period of two (2) years from date of purchase with respect to all other smoke detection and/or fire protection devices sold by the Company for commercial or industrial applications.Statitrol's obligation under this warranty shall be limited to repairing or replacing, and returning — transportation prepaid, any equipment which shall be returned to Statitrol at its manufacturing facilities, Lakewood, Colorado 80228, with transportation charges prepaid, and which Statitrol's examination shall disclose to its satisfaction to have been defective. This warranty is expressly in lieu of all other warranties and representations, express or implied, and all other obligations or liabilities on the part of Statitrol including, but not limited to, the warranty of fitness for a particular purpose. In no event shall Statitrol be liable for direct, incidental or consequential loss or damage of any kind connected with the use of its equipment or failure of its equipment to function or operate properly. This warranty shall not apply to any Statitrol equipment which has been disassembled, repaired, or altered in any way outside Statitrol's manufacturing facilities so as to, in Statitrol's judgment, affect its use, function or reliability or which shall have been subject to misuse, alteration, improper installation, painting, misapplication, negligence or accident. Statitrol makes no warranty with respect to semi-conductors, batteries, fuses, diodes or any other equipment furnished by Statitrol but manufactured by another inasmuch as they are normally warranted specifically by their respective manufacturers.
8. TAXES. Unless otherwise provided for on the face hereof, Purchaser warrants that the equipment ordered and/or delivered hereunder is intended for re-sale by the Purchaser and/or his agents and that the amount of any and all present or future taxes or other governmental charges upon the production, shipment, installation or sale of the equipment covered hereby, including sales, use or occupation taxes, will be collected from the ultimate consumer by the purchaser and/or his agents and will be paid by said Purchaser or his agents directly to the taxing authorities
9. NON-ASSIGNMENT. Neither this order nor any interest therein may be assigned by Purchaser, whether by operation of law or otherwise, without the prior written consent of the Company.
10. CANCELLATION. This contract may be cancelled by the Purchaser only upon the payment of reasonable cancellation charges which shall take into account expenses already incurred for labor and material costs and overhead and other commitments made by the Company. Filing of a petition in bankruptcy or commencement of any insolvency proceeding pursuant to State law shall be deemed a cancellation by the Purchaser. In cases where the Purchaser has paid part of the cost of the equipment before delivery and the Company is unable to manufacture and deliver equipment in accordance with the specifications within a reasonable period beyond the shipping estimate, the Company agrees to return all payments by the Purchaser and each agrees to terminate this contract without further liability to the other.
11. PATENTS. Statitrol agrees to compensate Buyer for any court-awarded damages suffered by reason of actual infringement of any United States patent which actual infringement shall result specifically and solely from use, or resale of, the specific material ordered hereunder; provided, however, that Buyer promptly notifies Statitrol of any infringement suit filed against Buyer's threat thereof and further provided that Buyer tenders to Statitrol the defense of any such suit.

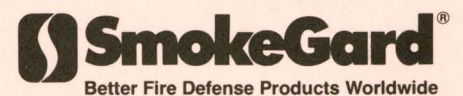
PRICE LIST
PRICE LIST
PRICE LIST

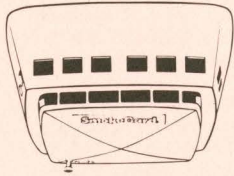
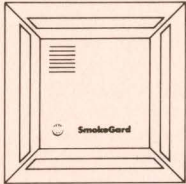

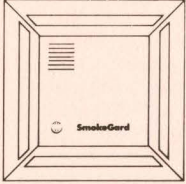
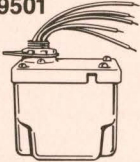
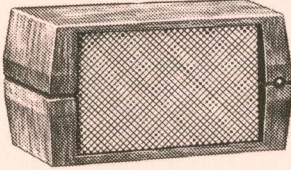
Effective May 1, 1980
Supersedes all previous price lists

PRICE LIST
PRICE LIST
PRICE LIST
DISTRIBUTOR PRICE LIST / SPECIALTY
PRICE LIST
PRICE LIST
PRICE LIST


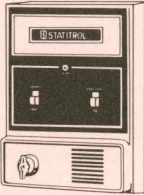
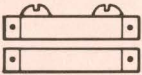
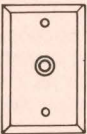
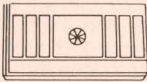


STATITROL DIVISION
EMERSON ELECTRIC CO.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
(303) 986-1581



Models	Features	Distributor Price		Suggested Dealer Price
Model 809A  Weight: 1 lb.	<p>“SmokeGard” IONIZATION SMOKE DETECTOR — 9 volt battery-powered. Push-to-test button checks all electronic circuitry. Features new “Dual Alarm Comparator” (D.A.C.). For existing homes, condominiums, apartments, etc. Packed 12 units per carton, 12 lbs. —</p> <p>Model 810A — 8" x 8" x 3" (Available May 1, 1980)</p> <p>For retail packaging add 10¢ per unit.</p>	12-84 \$11.40 96-216 10.30 228-564 9.40 576 + 8.95	\$14.25	
Model 810A  Weight: 1 lb.	<p>“SmokeGard” IONIZATION SMOKE DETECTOR — 120 volt AC powered. Mounts to all standard electrical boxes. Features new “Dual Alarm Comparator” (D.A.C.) and push-to-test button. Excellent for new construction. Packed 12 units per carton, 12 lbs. — 8" x 8" x 3"</p>	12-84 \$10.90 96-216 9.85 228-564 8.95 576 + 8.55	\$13.75	
Model 907A  Weight: 1 lb.	<p>“SmokeGard” IONIZATION SMOKE DETECTOR — 120 volt AC powered as described above (907A). Interconnects up to ten (10) units. Packed 12 units per carton, 12 lbs. — 8" x 8" x 3"</p>	12-84 \$11.50 96-216 10.45 228-564 9.50 576 + 9.05	\$14.50	
Model 907B  Weight: 1 lb.	<p>ACCESSORY RELAY — U.L. Listed — designed to be installed remote from Model 907B “SmokeGard”. Gives capability of initiating remote alarm devices such as horns, bells, lights, telephone dialers, etc. Packed 12 units per carton.</p>	6 \$58.05 12-24 54.25 30-48 51.65 54+ 48.25	\$85.00	
Model 9501 	<p>RESIDENTIAL INTRUSION DETECTOR — Battery-powered, passive infrared, anti-intrusion device for residential and light industrial applications. Requires no wiring, giving advantage of immediate installation and portability. Excellent for single-family home, apartment/condominium, and office. Self contained; attractive design. Retail packaging. Packed 6 units per carton, 12 lbs. — 5" x 9" x 5 3/8".</p>	12-36 \$8.40 48 + 8.00	\$10.40	
Model 1152A  Weight: 2 lbs.	<p>RESIDENTIAL INTRUSION DETECTOR — Battery-powered, passive infrared, anti-intrusion device for residential and light industrial applications. Requires no wiring, giving advantage of immediate installation and portability. Excellent for single-family home, apartment/condominium, and office. Self contained; attractive design. Retail packaging. Packed 6 units per carton, 12 lbs. — 5" x 9" x 5 3/8".</p>	6 \$58.05 12-24 54.25 30-48 51.65 54+ 48.25	\$85.00	

Prices Include Batteries

Models	Features	Distributor Price		Suggested Dealer Price
Model 9502 	ACCESSORY ELECTRONIC SIREN — Weather resistant horn and power pack designed to be utilized with Residential Intrusion Detector and Perimeter Intrusion System. 6-12 V.D.C. horn exceeds 105 db., 120 V.A.C. power pack. Packed 6 units per carton.	6-18 24 +	\$29.40 28.00	\$41.94
Model 1200A 	PERIMETER INTRUSION SYSTEM — Hard-wire intrusion system ideal for residential use in single and multiple family homes, apartments, and condominiums. System contains: 1 surface-mounted control panel, 2 magnetic door/window switches, 1 plug-in transformer, 25'-2 conductor Cable. The system is easily expanded with optional accessories to meet almost any residential need. Packed six units per carton.	6 +	\$55.00	\$73.15
1200-0001 	MAGNETIC DOOR/WINDOW SWITCH — Perimeter system accessory. Surface mounted switches detect intrusion when a protected door or window is opened. Packed 6 units per carton.	6 +	\$6.00	\$7.95
1200-0002 	REMOTE DISARM SWITCH — Perimeter system accessory. Allows convenient exit from home without having to return to control. Pushbutton disarms system for 40 seconds. System automatically rearms after the 40 second disarm period. Packed 3 units per carton.	3 +	\$3.00	\$3.95
1200-0003 	INDOOR ALARM HORN — Perimeter system accessory. Use in hallways, bedrooms, etc. Produces loud alarm sound. Do not use more than three per installation. Packed 3 units per carton.	3 +	\$6.50	\$8.65

Prices Include Batteries

Orders will be accepted and shipments made only in standard case lots of each model. Individual shipment may consist of a mixture of case lots to qualify for volume discounts.

QUANTITY PRICING BASED ON SINGLE ORDER FOR SHIPMENT TO ONE DESTINATION. MULTIPLE SHIPMENTS ALLOWED TO COMPANY-OWNED LOCATIONS ONLY.

Freight prepaid to single destination in continental U.S.A. or U.S. Port of Entry on shipments of 96 or more smoke detectors. Lesser shipments are freight collect. On other products, \$900 order minimum for prepaid freight.

Minimum invoice amount for any single order must equal or exceed \$100.

Factory authorized returns subject to 15% restocking charge. NO MERCHANDISE RETURNS WILL BE ACCEPTED WITHOUT PRIOR WRITTEN AUTHORIZATION.

Special requirements (packing, marking, etc.) subject to additional charge. (Contact Factory Representative)

Terms: Net 30 days from date of invoice.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

TERMS AND CONDITIONS

1. The terms and conditions set forth herein are the standard terms and conditions of acceptance of purchase orders by Statitrol Division, Emerson Electric Co., hereinafter referred to as the "Company," and shall constitute the entire agreement between the Purchaser and the Company.
2. PURCHASE ORDERS, ETC. Any terms or conditions of any customer's order or other instrument which are in addition to or inconsistent with the Company's terms and conditions set forth herein, shall not be binding on the Company and shall not apply to this sale. No waiver, change or modification of any of the terms or conditions set forth herein shall be binding on the Company unless in writing signed by an officer of the Company.
3. TERMS OF PAYMENT AND PRICES. Unless otherwise provided for on the face hereof, terms of payment are:
 - a) Thirty days net from date of invoice, unless otherwise stated, on all equipment for destination within the United States and Canada,
 - b) Net cash by irrevocable letter of credit on all equipment for destination outside the United States and Canada, subject to approval of credit by the Company at time of equipment shipment.All payments shall be in legal currency of the United States. Before any equipment may be returned to Statitrol for credit or other billing adjustment (as opposed to returns for repair and/or replacement provided for in the warranty clause set forth below), prior written authorization must be obtained from an officer of the Company together with appropriate shipping instructions for return or transfer of the equipment, prepaid to destination. All authorized returns are subject to a restocking charge and Statitrol assumes no responsibility whatsoever for unauthorized returns. Prices and terms are subject to change without notice and to correction for error.
4. DELIVERY. Unless otherwise provided for on the face hereof, all shipments are F.O.B. Lakewood, Colorado. Shipment schedules are approximate and are based on conditions at the time of acceptance. The Company will make every effort to complete shipment as indicated, but assumes no responsibility or liability for loss or damage by reason of delay or inability to ship caused by acts of God, fires, floods, wars, embargoes, labor disputes, acts of sabotage, riots, accidents, delays of carriers, sub-contractors or suppliers, voluntary or mandatory compliance with any government act, regulation or request, shortage of labor, materials or manufacturing facilities, or any other cause or causes beyond the Company's reasonable control. If, by reason of any of these things, the Company's supplies of the materials covered hereby are limited, the Company shall have the right to prorate the available supply in such manner as it, in its discretion, determines.
5. PARTIAL DELIVERIES. Partial deliveries shall be accepted and paid for at contract prices on maturity of bills therefor. If any part of the material is not delivered by the Company or is not in accordance with the order, the order for the remainder of the material and Purchaser's obligation thereunder shall not be affected thereby. The Company may, at its option, replace any or all returned material within a reasonable time after it is finally determined that the returned goods are not in accordance with the contract; and in such event the Company shall not be liable for any damages arising from the defective delivery or delay caused thereby.
6. INSPECTION ON ARRIVAL. The Purchaser shall inspect the material immediately on its arrival and shall within five (5) days of its arrival give written notice to the Company of any claim for shortage of material that does not conform with the terms of the contract. If the Purchaser shall fail to give such notice, the material shall be deemed to conform with the terms of the contract, and the Purchaser shall be bound to accept and pay for the material in accordance with the terms of the contract.
7. WARRANTY. Statitrol warrants the equipment of its manufacture to be free from defects in workmanship, materials and construction under normal use and service.
 - a) for a period of one (1) year from date of purchase with respect to SmokeGard* type early warning detectors and auxiliary residential fire protection/escape devices. (*Trademark)
 - b) for a period of two (2) years from date of purchase with respect to all other smoke detection and/or fire protection devices sold by the Company for commercial or industrial applications.Statitrol's obligation under this warranty shall be limited to repairing or replacing, and returning — transportation prepaid, any equipment which shall be returned to Statitrol at its manufacturing facilities, Lakewood, Colorado 80228, with transportation charges prepaid, and which Statitrol's examination shall disclose to its satisfaction to have been defective. This warranty is expressly in lieu of all other warranties and representations, express or implied, and all other obligations or liabilities on the part of Statitrol including, but not limited to, the warranty of fitness for a particular purpose. In no event shall Statitrol be liable for direct, incidental or consequential loss or damage of any kind connected with the use of its equipment or failure of its equipment to function or operate properly. This warranty shall not apply to any Statitrol equipment which has been disassembled, repaired, or altered in any way outside Statitrol's manufacturing facilities so as to, in Statitrol's judgment, affect its use, function or reliability or which shall have been subject to misuse, alteration, improper installation, painting, misapplication, negligence or accident. Statitrol makes no warranty with respect to semi-conductors, batteries, fuses, diodes or any other equipment furnished by Statitrol but manufactured by another inasmuch as they are normally warranted specifically by their respective manufacturers.
8. TAXES. Unless otherwise provided for on the face hereof, Purchaser warrants that the equipment ordered and/or delivered hereunder is intended for re-sale by the Purchaser and/or his agents and that the amount of any and all present or future taxes or other governmental charges upon the production, shipment, installation or sale of the equipment covered hereby, including sales, use or occupation taxes, will be collected from the ultimate consumer by the purchaser and/or his agents and will be paid by said Purchaser or his agents directly to the taxing authorities
9. NON-ASSIGNMENT. Neither this order nor any interest therein may be assigned by Purchaser, whether by operation of law or otherwise, without the prior written consent of the Company.
10. CANCELLATION. This contract may be cancelled by the Purchaser only upon the payment of reasonable cancellation charges which shall take into account expenses already incurred for labor and material costs and overhead and other commitments made by the Company. Filing of a petition in bankruptcy or commencement of any insolvency proceeding pursuant to State law shall be deemed a cancellation by the Purchaser. In cases where the Purchaser has paid part of the cost of the equipment before delivery and the Company is unable to manufacture and deliver equipment in accordance with the specifications within a reasonable period beyond the shipping estimate, the Company agrees to return all payments by the Purchaser and each agrees to terminate this contract without further liability to the other.
11. PATENTS. Statitrol agrees to compensate Buyer for any court-awarded damages suffered by reason of actual infringement of any United States patent which actual infringement shall result specifically and solely from use, or resale of, the specific material ordered hereunder; provided, however, that Buyer promptly notifies Statitrol of any infringement suit filed against Buyer's threat thereof and further provided that Buyer tenders to Statitrol the defense of any such suit.

PRICE LIST
PRICE LIST
PRICE LIST

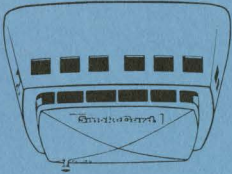
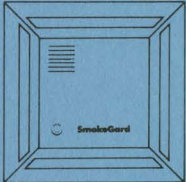
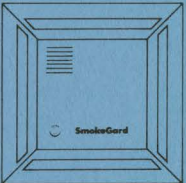

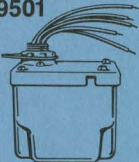
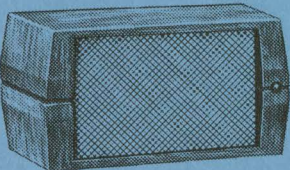
Effective May 1, 1980
Supersedes all previous price lists

PRICE LIST
PRICE LIST
PRICE LIST
DEALER PRICE LIST / RETAIL
PRICE LIST
PRICE LIST
PRICE LIST



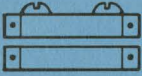




STATITROL DIVISION
EMERSON ELECTRIC CO.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
(303) 986-1581



Models	Features	Retail Dealer Price		Suggested List Price
<p>Model 809A</p>  <p>Weight: 1 lb.</p>	<p>"SmokeGard" IONIZATION SMOKE DETECTOR — 9 volt battery-powered. Push-to-test button checks all electronic circuitry. Features new "Dual Alarm Comparator" (D.A.C.). For existing homes, condominiums, apartments, etc. Packed 12 units per carton, 12 lbs. —</p>	<p>12-84 \$11.50 96-216 10.40 208-564 9.50 576 + 9.05</p>	<p>\$14.25</p>	
<p>Model 810A</p>  <p>Weight: 1 lb.</p>	<p>Model 810A — 8" x 8" x 3" (Available May 1, 1980)</p> <p>Packaged in attractive retail packaging.</p>			
<p>Model 907A</p>  <p>Weight: 1 lb.</p>	<p>"SmokeGard" IONIZATION SMOKE DETECTOR — 120 volt AC powered. Mounts to all standard electrical boxes. Features new "Dual Alarm Comparator" (D.A.C.) and push-to-test button. Excellent for new construction. Packed 12 units per carton, 12 lbs. — 8" x 8" x 3"</p>	<p>12-84 \$10.90 96-216 9.85 228-564 8.95 576 + 8.55</p>	<p>\$13.75</p>	
<p>Model 907B</p>  <p>Weight: 1 lb.</p>	<p>"SmokeGard" IONIZATION SMOKE DETECTOR — 120 volt AC powered as described above (907A). Interconnects up to ten (10) units. Packed 12 units per carton, 12 lbs. — 8" x 8" x 3"</p>	<p>12-84 \$11.50 96-216 10.45 228-564 9.50 576 + 9.05</p>	<p>\$14.50</p>	
<p>Model 9501</p> 	<p>ACCESSORY RELAY — U.L. Listed — designed to be installed remote from Model 907B "SmokeGard". Gives capability of initiating remote alarm devices such as horns, bells, lights, telephone dialers, etc. Packed 12 units per carton.</p>	<p>12-36 \$8.40 48 + 8.00</p>	<p>\$10.40</p>	
<p>Model 1152A</p>  <p>Weight: 2 lbs.</p>	<p>RESIDENTIAL INTRUSION DETECTOR — Battery-powered, passive infrared, anti-intrusion device for residential and light industrial applications. Requires no wiring, giving advantage of immediate installation and portability. Excellent for single-family home, apartment/condominium, and office. Self contained; attractive design. Retail packaging. Packed 6 units per carton, 12 lbs. — 5" x 9" x 5 3/8".</p> <p>\$13.00/unit co-op advertising with proof of advertising as described in Statitrol co-op Advertising Policy.</p>	<p>6 \$71.05 12-24 67.25 30-48 64.65 54 + 61.25</p>	<p>\$99.95</p>	

Prices Include Batteries

Models	Features	Retail Dealer Price		Suggested List Price
Model 9502 	ACCESSORY ELECTRONIC SIREN — Weather resistant horn and power pack designed to be utilized with Residential Intrusion Detector and Perimeter Intrusion System. 6-12 V.D.C. horn exceeds 105 db., 120 V.A.C. power pack. Packed 6 units per carton.	6-18 24 +	\$29.40 28.00	\$41.94
Model 1200A 	PERIMETER INTRUSION SYSTEM — Hard-wire intrusion system ideal for residential use in single and multiple family homes, apartments, and condominiums. System contains: 1 surface-mounted control panel, 2 magnetic door/window switches, 1 plug-in transformer, 25'-2 conductor Cable. The system is easily expanded with optional accessories to meet almost any residential need. Packed six units per carton.	6 +	\$73.15	\$109.95
1200-0001 	MAGNETIC DOOR/WINDOW SWITCH — Perimeter system accessory. Surface mounted switches detect intrusion when a protected door or window is opened. Packed 6 units per carton.	6 +	\$7.95	\$11.95
1200-0002 	REMOTE DISARM SWITCH — Perimeter system accessory. Allows convenient exit from home without having to return to control. Pushbutton disarms system for 40 seconds. System automatically rearms after the 40 second disarm period. Packed 3 units per carton.	3 +	\$3.95	\$5.95
1200-0003 	INDOOR ALARM HORN — Perimeter system accessory. Use in hallways, bedrooms, etc. Produces loud alarm sound. Do not use more than three per installation. Packed 3 units per carton.	3 +	\$8.65	\$12.95

Prices Include Batteries

Orders will be accepted and shipments made only in standard case lots of each model. Individual shipment may consist of a mixture of case lots to qualify for volume discounts.

QUANTITY PRICING BASED ON SINGLE ORDER FOR SHIPMENT TO ONE DESTINATION. MULTIPLE SHIPMENTS ALLOWED TO COMPANY-OWNED LOCATIONS ONLY.

Freight prepaid to single destination in continental U.S.A. or U.S. Port of Entry on shipments of 96 or more smoke detectors. Lesser shipments are freight collect. On other products, \$900 order minimum for prepaid freight.

Minimum invoice amount for any single order must equal or exceed \$100.

Factory authorized returns subject to 15% restocking charge. NO MERCHANDISE RETURNS WILL BE ACCEPTED WITHOUT PRIOR WRITTEN AUTHORIZATION.

Special requirements (packing, marking, etc.) subject to additional charge. (Contact Factory Representative)

Terms: 2% 10th prox., net 11th cash discount subject to the following:

1. Invoices dated after the 24th of a month will be considered to be as of the first day of the month.
2. Remittance by mail postmarked on the 10th of a month, or earlier, will qualify for 2% cash discount on all invoices dated in the preceding month and from the 25th of the next preceding month.
3. Invoices not paid within the discount period are immediately due on net terms and must be paid before cash discount will be allowed on current invoices.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

TERMS AND CONDITIONS

1. The terms and conditions set forth herein are the standard terms and conditions of acceptance of purchase orders by Statitrol Division, Emerson Electric Co., hereinafter referred to as the "Company," and shall constitute the entire agreement between the Purchaser and the Company.
2. PURCHASE ORDERS, ETC. Any terms or conditions of any customer's order or other instrument which are in addition to or inconsistent with the Company's terms and conditions set forth herein, shall not be binding on the Company and shall not apply to this sale. No waiver, change or modification of any of the terms or conditions set forth herein shall be binding on the Company unless in writing signed by an officer of the Company.
3. TERMS OF PAYMENT AND PRICES. Unless otherwise provided for on the face hereof, terms of payment are:
 - a) Thirty days net from date of invoice, unless otherwise stated, on all equipment for destination within the United States and Canada,
 - b) Net cash by irrevocable letter of credit on all equipment for destination outside the United States and Canada, subject to approval of credit by the Company at time of equipment shipment.All payments shall be in legal currency of the United States. Before any equipment may be returned to Statitrol for credit or other billing adjustment (as opposed to returns for repair and/or replacement provided for in the warranty clause set forth below), prior written authorization must be obtained from an officer of the Company together with appropriate shipping instructions for return or transfer of the equipment, prepaid to destination. All authorized returns are subject to a restocking charge and Statitrol assumes no responsibility whatsoever for unauthorized returns. Prices and terms are subject to change without notice and to correction for error.
4. DELIVERY. Unless otherwise provided for on the face hereof, all shipments are F.O.B. Lakewood, Colorado. Shipment schedules are approximate and are based on conditions at the time of acceptance. The Company will make every effort to complete shipment as indicated, but assumes no responsibility or liability for loss or damage by reason of delay or inability to ship caused by acts of God, fires, floods, wars, embargoes, labor disputes, acts of sabotage, riots, accidents, delays of carriers, sub-contractors or suppliers, voluntary or mandatory compliance with any government act, regulation or request, shortage of labor, materials or manufacturing facilities, or any other cause or causes beyond the Company's reasonable control. If, by reason of any of these things, the Company's supplies of the materials covered hereby are limited, the Company shall have the right to prorate the available supply in such manner as it, in its discretion, determines.
5. PARTIAL DELIVERIES. Partial deliveries shall be accepted and paid for at contract prices on maturity of bills therefor. If any part of the material is not delivered by the Company or is not in accordance with the order, the order for the remainder of the material and Purchaser's obligation thereunder shall not be affected thereby. The Company may, at its option, replace any or all returned material within a reasonable time after it is finally determined that the returned goods are not in accordance with the contract; and in such event the Company shall not be liable for any damages arising from the defective delivery or delay caused thereby.
6. INSPECTION ON ARRIVAL. The Purchaser shall inspect the material immediately on its arrival and shall within five (5) days of its arrival give written notice to the Company of any claim for shortage of material that does not conform with the terms of the contract. If the Purchaser shall fail to give such notice, the material shall be deemed to conform with the terms of the contract, and the Purchaser shall be bound to accept and pay for the material in accordance with the terms of the contract.
7. WARRANTY. Statitrol warrants the equipment of its manufacture to be free from defects in workmanship, materials and construction under normal use and service.
 - a) for a period of one (1) year from date of purchase with respect to SmokeGard* type early warning detectors and auxiliary residential fire protection/escape devices. (*Trademark)
 - b) for a period of two (2) years from date of purchase with respect to all other smoke detection and/or fire protection devices sold by the Company for commercial or industrial applications.Statitrol's obligation under this warranty shall be limited to repairing or replacing, and returning — transportation prepaid, any equipment which shall be returned to Statitrol at its manufacturing facilities, Lakewood, Colorado 80228, with transportation charges prepaid, and which Statitrol's examination shall disclose to its satisfaction to have been defective. This warranty is expressly in lieu of all other warranties and representations, express or implied, and all other obligations or liabilities on the part of Statitrol including, but not limited to, the warranty of fitness for a particular purpose. In no event shall Statitrol be liable for direct, incidental or consequential loss or damage of any kind connected with the use of its equipment or failure of its equipment to function or operate properly. This warranty shall not apply to any Statitrol equipment which has been disassembled, repaired, or altered in any way outside Statitrol's manufacturing facilities so as to, in Statitrol's judgment, affect its use, function or reliability or which shall have been subject to misuse, alteration, improper installation, painting, misapplication, negligence or accident. Statitrol makes no warranty with respect to semi-conductors, batteries, fuses, diodes or any other equipment furnished by Statitrol but manufactured by another inasmuch as they are normally warranted specifically by their respective manufacturers.
8. TAXES. Unless otherwise provided for on the face hereof, Purchaser warrants that the equipment ordered and/or delivered hereunder is intended for re-sale by the Purchaser and/or his agents and that the amount of any and all present or future taxes or other governmental charges upon the production, shipment, installation or sale of the equipment covered hereby, including sales, use or occupation taxes, will be collected from the ultimate consumer by the purchaser and/or his agents and will be paid by said Purchaser or his agents directly to the taxing authorities.
9. NON-ASSIGNMENT. Neither this order nor any interest therein may be assigned by Purchaser, whether by operation of law or otherwise, without the prior written consent of the Company.
10. CANCELLATION. This contract may be cancelled by the Purchaser only upon the payment of reasonable cancellation charges which shall take into account expenses already incurred for labor and material costs and overhead and other commitments made by the Company. Filing of a petition in bankruptcy or commencement of any insolvency proceeding pursuant to State law shall be deemed a cancellation by the Purchaser. In cases where the Purchaser has paid part of the cost of the equipment before delivery and the Company is unable to manufacture and deliver equipment in accordance with the specifications within a reasonable period beyond the shipping estimate, the Company agrees to return all payments by the Purchaser and each agrees to terminate this contract without further liability to the other.
11. PATENTS. Statitrol agrees to compensate Buyer for any court-awarded damages suffered by reason of actual infringement of any United States patent which actual infringement shall result specifically and solely from use, or resale of, the specific material ordered hereunder; provided, however, that Buyer promptly notifies Statitrol of any infringement suit filed against Buyer's threat thereof and further provided that Buyer tenders to Statitrol the defense of any such suit.

GasAlarm[®]

by  STATITROL

UL listed residential gas detector

MODEL 600A

**... offers the ultimate
in reliability,
giving ample warning
of impending
explosions
and flash fires
from gas leaks
in your home**



GasAlarm®

by STATITROL

Now . . . a residential gas leak detector that has been awarded the Underwriters Laboratory Listing for safety, reliability and effectiveness in continuously monitoring its surroundings for minute amounts of natural or propane gas, and for providing early warning of an impending explosion or flash fire.

GasAlarm® has earned this unique merit through engineering excellence and after years of testing and refinements to comply with the rigid performance and safety standards established by this independent agency.

For the first time, the 40,000,000 dwellings in The United States using natural gas or LP gas fuel are offered the finest protection available against such catastrophic disasters.

GasAlarm® sounds a continuous alarm as it detects gas leaks long before there is danger of explosion or flash fires.

GasAlarm® has a failsafe system which alarms by beeping in the unlikely event of failure of an element in the sensing circuit.

FEATURES

- U.L. listed
- Installation is simple for the homeowner
- Trouble free
- Full solid state construction, many years of service
- Sensor: Never requires cleaning—maintenance free
- Failsafe: If any part of the sensing circuit fails, an audible beeping signal will notify user
- Extremely Stable: Patent pending on the circuitry
- Power consumption is extremely low
- One year warranty
- Automatic reset, when gas has cleared
- Lightweight, compact and unobtrusive
- Long-term field-duty proven

GasAlarm®

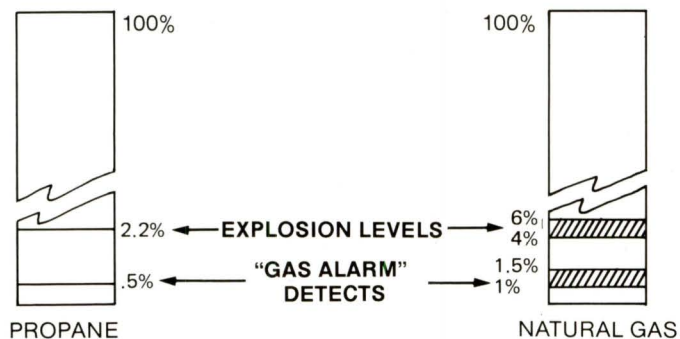
by
STATITROL®

Better Fire Defense Products Worldwide

140 South Union Boulevard
Lakewood, Colorado 80228
(303) 986 1581



TYPICAL GAS CONCENTRATION REQUIRED TO SUPPORT EXPLOSION OR FLASH FIRES



TYPICAL CAUSES OF GAS LEAKS

- Pilot lights going out
- Tampering by children or adults
- Damaged or cracked gas lines and connections
- Chimney or flue malfunctioning that returns gases back into the home
- Malfunctioning of safety valve
- Seepage into basement
- Loose fitting and leaking valves

SPECIFICATIONS Model 600A UL listed

- Single station
- 120 VAC plug in
- 6 Watts consumption
- 6" x 6" x 3" — 2 lbs.
- Wall mounted
- Location directions: See owner's manual.

Make the
SAFE DECISION



SmokeGard[®]
Early Warning Smoke Detector

Why Your Family Needs Protection

Each year over 4,000,000 fires occur in U.S. households. An estimated 6,600 people lose their lives and over 100,000 are injured, **AND** the majority of these are children.

Many of these deaths and injuries could have been prevented with the installation of a SmokeGard® home smoke detector.

Why SmokeGard Early Warning Smoke Detector

The SmokeGard ionization home smoke detector is designed for **LIFE SAFETY**. It will warn you in the earliest stages of a fire, giving your family maximum escape time.

Battery-powered for easy installation • A flashing light continuously monitors the batteries • Audible "click" indicates weak batteries • U.L. Listed for wall or ceiling mounting • Solid-state and 100% reliability tested.

Where to Install Your Detector

SmokeGard home smoke detectors are ideal for installation in existing homes, mobile homes, apartments, vacation trailers or cabins.

Locate one detector in the immediate vicinity of each sleeping area. For additional protection locate a detector on every living level of your home. Recent studies by the National Bureau of Standards reveal that this will significantly increase your opportunity for escape.

How to Install Your Detector

The SmokeGard detector installs in minutes. The exclusive mounting plate simply fastens to the ceiling with the enclosed screws. No wiring is necessary — Uses (6) 1.5 volt AA alkaline batteries which come with the unit.



STATITROL DIVISION
EMERSON ELECTRIC CO.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
(303) 986-1581
TWX: 910 320 2894

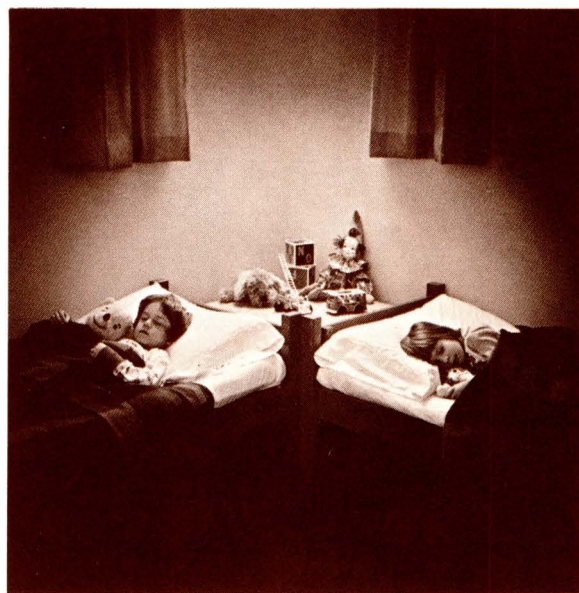


SmokeGard®
Better Fire Defense Products Worldwide

LC5314 Rev.A

SmokeGard® is the registered trademark of Statitrol®

You'll Sleep Better Knowing Your SmokeGard® Smoke Alarm Never Does!



 **SmokeGard®**

MODEL 800A EARLY WARNING HOME SMOKE ALARM

FEATURES OF THE SMOKEGARD LOW COST IONIZATION SMOKE ALARM —

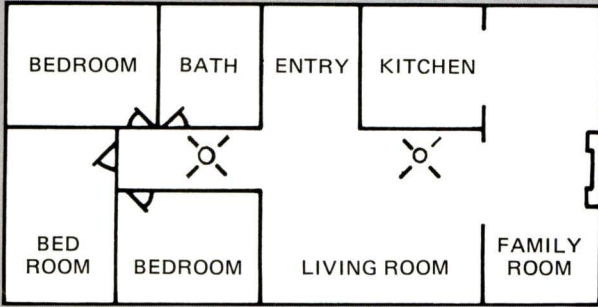
- Designed for *Life Safety* — Alerts the family before smoke or toxic gases accumulate
- Ionization Principle — A new, highly sensitive electronic home smoke alarm. Duo-Centric™ chamber.
- Detects smoldering fires earlier — yet will not alarm in a room full of heavy smokers
- Battery powered — no wiring — fastens to ceiling in minutes, with screws provided
- Readily-obtainable 1.5 volt AA alkaline batteries
- Fail-Safe — batteries last 12–18 months — horn will “click” when the batteries are weak
- Exclusive removable mounting plate
- Unique pilot light pulses every 5-10 seconds — assures you that batteries are capable of sounding an alarm
- One alarm protects each bedroom area
- Location — on the ceiling of the hall outside bedroom doors (approved for both wall and ceiling mounting)
- Alarm horn — 85 decibels — loud enough to awaken most heavy sleepers through closed bedroom doors
- Suitable for homes, mobile homes, apartments, vacation trailers or cabins
- Extra units can guard basement and living room
- Underwriters' Laboratories and I.C.B.O. Listed



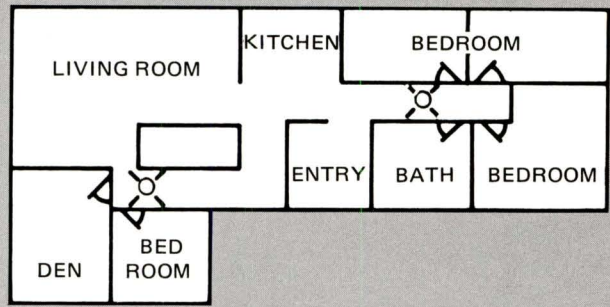
Early Warning Smoke Alarm For Your Home.

INSTALLATION:

1 BEDROOM AREA



2 BEDROOM AREAS

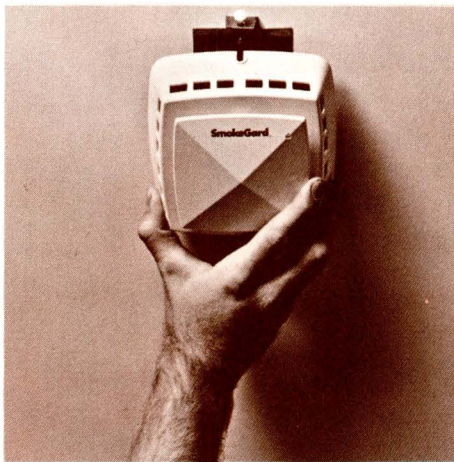


Recent National Bureau of Standards tests reveal that, with a smoke detector on each level of a home, three minutes of escape time were available in 86% of their test fires.

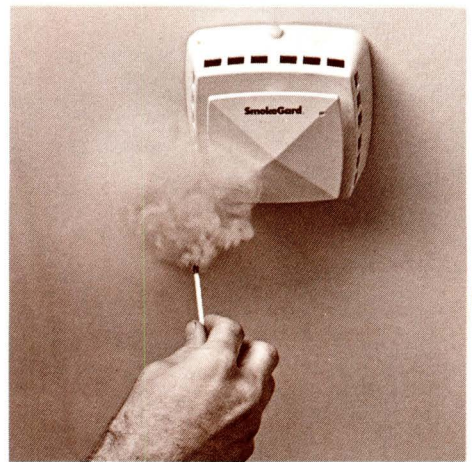
1. Select location on a ceiling, outside of but close to all bedrooms. Additional units can be located as shown. We recommend "Every Level Protection".



2. Alarm utilizes 6 AA 1.5 volt alkaline batteries (Eveready E91 or Mallory MN1500), which come with the unit. Remove insulating tab between batteries and contact to energize smoke alarm.



3. Fasten mounting plate to ceiling with enclosed screws. If necessary, use expanders, toggle bolts or "moly" fasteners to be sure of secure mounting.



4. Test alarm periodically by blowing smoke from a match or cigarette into the slot area until the alarm sounds. To clear alarm, gently blow smoke out of slot area.

MAINTENANCE:

All components except the batteries are designed for very long life. When changing batteries, be sure slot area is free of dust or grease accumulation. Use vacuum cleaner to remove dust or dirt. Replace batteries only with Eveready E91 or Mallory MN1500 batteries, commonly available in department and hardware stores, etc.

SPECIFICATIONS:

Batteries — 6 AA 1.5 volt alkaline, Eveready E91 or Mallory MN1500
Size — 5 1/2" square x 3" high
Shipping weight — two pounds
Duo-Centric™ ionization chamber

LISTED BY:



The SmokeGard* smoke alarm can sense fire well in advance of either heat or heavy smoke — it will detect invisible products of combustion.

The ionization principle has long been recognized by fire protection authorities as an "early warning detection instrument recommended for life safety and high value property protection." Used worldwide in major buildings for years, it is now available to the home owner at a low cost.

SmokeGard®

Early Warning Smoke Alarms

by



Better Fire Defense Products Worldwide

140 South Union Boulevard, Lakewood, Colorado 80228 • (303) 986-1581

*Trademark Registered
©1971 Statitrol Corp.

LC5138 Rev. B
Printed in U.S.A.

MODEL 902AL
MODEL 902B



**Economical
Fire Protection from
the Quality Name...**

 **SmokeGard[®]**

**Early Warning
Smoke Detector for the Home**

FEATURES:

- Ideal for new construction . . . homes, apartments, mobile homes, etc.
- Easy installation . . . mounts to all standard electrical outlet boxes.
- Exclusive mounting plate.
- Approved for wall or ceiling mounting.
- Needs no special maintenance.
- Duo-Centric® ionization chamber.
- Power-on indicator light.
- Protects during the earliest stages of fire.
- Hardwire or reliable line cord models.
- Attractive design. Durable housing.
- UL 217 listed. Meets all model building code requirements for residential occupancies.
- One-year warranty. See warranty statement for details and limitations.

SPECIFICATIONS:

Power: 120 VAC 60Hz;
 80 mA max. (single station)
 500 mA max. (multiple station)
 85 decibel horn
 Preset sensitivity



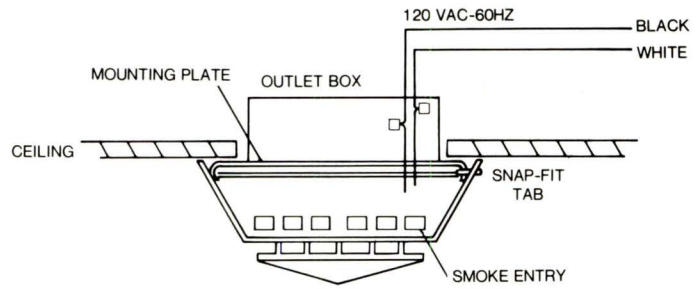
"THE STANDARD CODES"

7831-78

BOCA 78-51

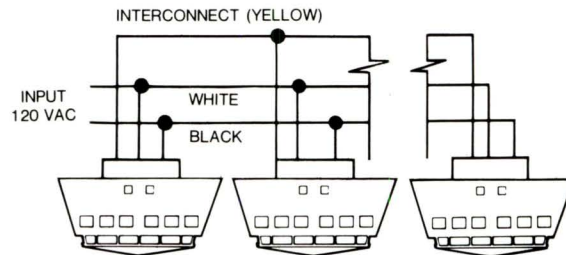
ICBO 2892

INSTALLATION: MODEL 902A (Single Station)



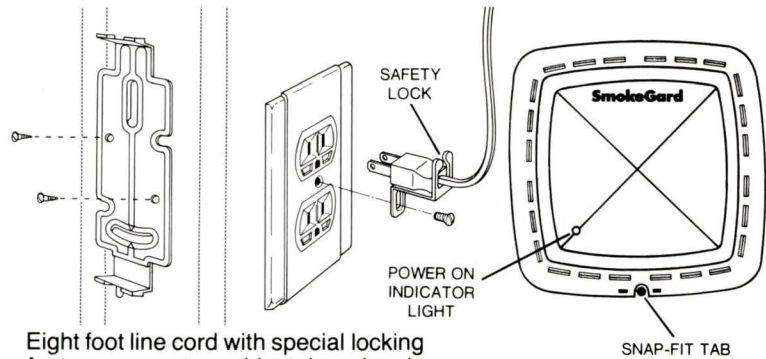
Easy installation—Fits all standard outlet boxes.

INSTALLATION: MODEL 902B (Multiple Station)



Interconnects up to 10 units.

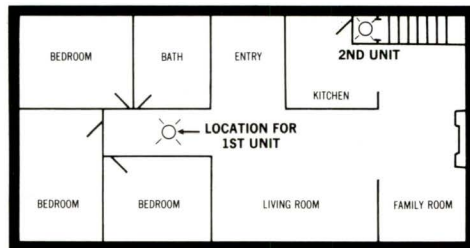
INSTALLATION: MODEL 902AL



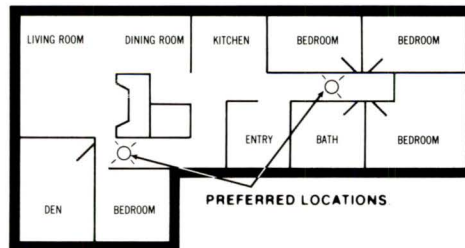
Eight foot line cord with special locking feature prevents accidental unplugging.

RECOMMENDED LOCATIONS FOR MAXIMUM PROTECTION:

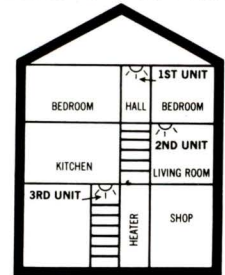
PLAN "A" TYPICAL RANCH STYLE



PLAN "B" RANCH STYLE (with two bedroom areas)



PLAN "C" TWO-STORY



For maximum protection, the National Fire Protection Association (NFPA 74) recommends a smoke detector on every habitable level.



STATITROL DIVISION
 EMERSON ELECTRIC CO
 140 SOUTH UNION BOULEVARD
 LAKEWOOD, COLORADO 80228
 (303) 986-1581

SmokeGard®

BETTER FIRE DEFENSE PRODUCTS WORLDWIDE

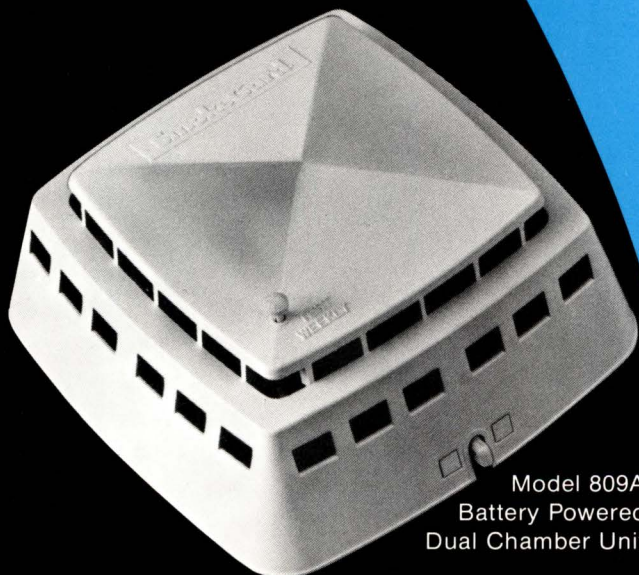


0110-0016 REV. A

from
STATITROL®
**MAKE
ANOTHER
SAFE
DECISION**

FEATURING...D.A.C.

SmokeGard has a new design which provides for improved detection of low smoke concentrations. This unique new feature, (D.A.C.), Dual Alarm Comparator, gives the best protection available from both fast and smoldering type fires.



Model 809A
Battery Powered
Dual Chamber Unit

SmokeGard®



STATITROL DIVISION
EMERSON ELECTRIC CO.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
(303) 986-1581
TELEX: 45 0011 STATITROL LVOD

the MODEL 809A

SmokeGard... Another Safe Decision

The Model 809A is a new way to MAKE ANOTHER SAFE DECISION and select the reliable protection of a SmokeGard home smoke detector. SmokeGard detectors are manufactured by Statitrol Division of Emerson Electric Co., the protection pioneer.

Years of development and testing have resulted in smoke detector products of superior quality and reliability. Consumers can select SmokeGard with confidence.

Features:

Battery-Powered Home Smoke Detector

- D.A.C. (Dual Alarm Comparator)
- Dual Chamber
- Readily available 9 volt alkaline battery (included), Eveready 522 or Mallory MN 1604.
- Audible "click" indicates weak battery.
- Easy to install—no wiring necessary.
- No special maintenance.
- Battery life—at least one year under normal use.

Push-to-Test Button

- Tests the horn, battery, and electronic circuitry to assure proper operation of the detector.

Designed for Life Safety and Dependability

- Solid State—features custom integrated circuit design.
- Statitrol quality and reliability
- Factory-set sensitivity—homeowner cannot misadjust.
- Durable housing. Attractive design blends with any decor.

One-Year Warranty

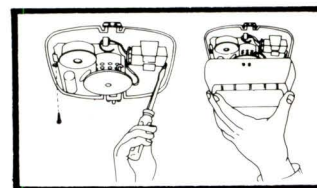
- See warranty statement for details and limitations.

Specifications:

85 Decibel Horn
9 Volt Alkaline Battery
5¾" x 5¾" x 2"

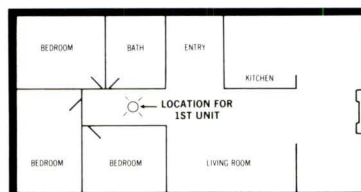
Installation:

Installed in minutes. Simply remove the cover and mount unit securely on ceiling or wall with screws provided. Then replace cover on detector.

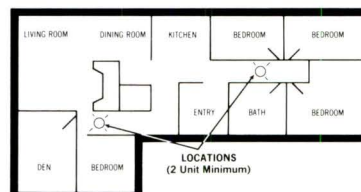


Required Locations for Maximum Protection:

(As Per NFPA Standard 74, Section 2-4)



Plan "A" Typical One-Floor Home



Plan "B" Ranch Style
(with two bedroom areas)



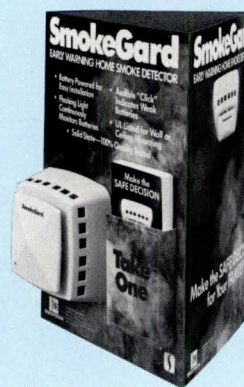
Plan "C"
Conventional Two Story

Reasonable fire safety in the home can be produced by following a three point program recommended by the NFPA.

- Minimize fire hazards
- Provide a fire warning system
- Have and practice an escape plan.

For assistance in establishing your plan, consult
The National Fire Protection Association
470 Atlantic Ave., Boston, MA 02210

Counter Display



Creative Packaging

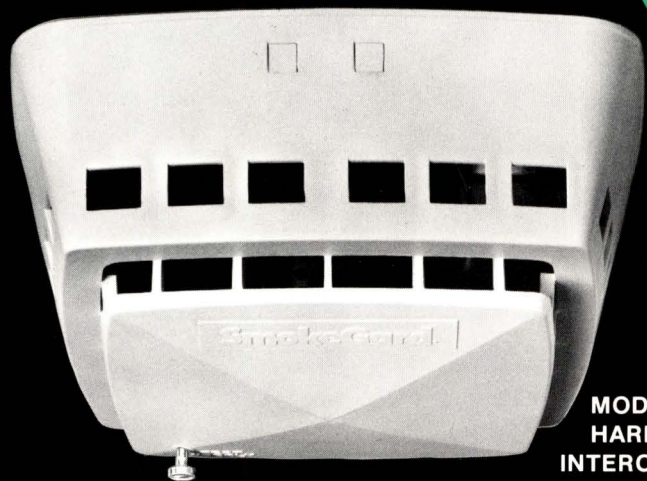


MODEL NO.	UNITS PER CARTON	CARTON SIZE	WEIGHT PER CARTON
809A	12	12 ⁷ / ₈ " x 12 ⁷ / ₈ " x 9 ³ / ₈ "	12 lbs.

from
STATITROL[®]

A MAJOR ADVANCE IN HOME LIFE SAFETY

- A unique new feature, "Dual Alarm Comparator" (D.A.C.), gives the best protection available for both fast and smoldering fires.
- New dual chamber
- New push-to-test button



MODEL 906
HARDWIRE
INTERCONNECT

SmokeGard[®]



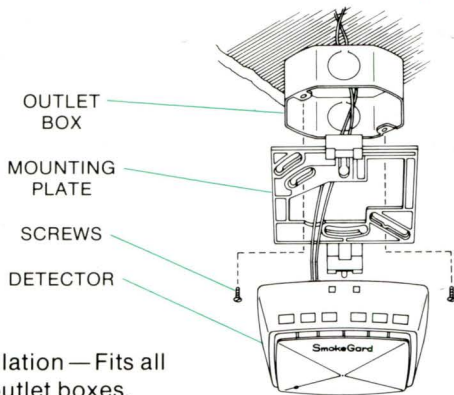
STATITROL DIVISION
EMERSON ELECTRIC CO.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
(303) 986-1581
TELEX: 45 0011 STATITROL LWOD

the MODEL 906

SmokeGard... A MAJOR ADVANCE IN HOME LIFE SAFETY

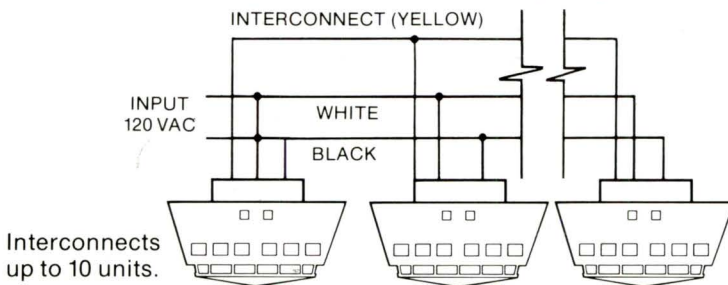
The newly designed Model 906 is ideal for new construction...homes, apartments, mobile homes, etc. SmokeGard detectors are manufactured by Statitrol Division of Emerson Electric Co., the protection pioneer. Years of development and testing have resulted in smoke detector products of superior quality and reliability. Consumers can select SmokeGard with confidence.

INSTALLATION: MODEL 906A (Single Station)



Easy installation — Fits all standard outlet boxes.

INSTALLATION: MODEL 906B (Multiple Station)



Features:

- D.A.C.
- Dual Chamber
- Push-to-Test Button
- Exclusive mounting plate.
- Power-on indicator light.
- Attractive design. Durable housing.
- Preset sensitivity
- Approved for wall or ceiling mounting.
- Ideal for new construction.
- Easy installation... mounts to all standard electrical outlet boxes.
- Needs no special maintenance.
- Hardwire — pre-stripped leads.
- Statitrol Quality and Reliability.
- One-year warranty. See warranty statement for details and limitations.

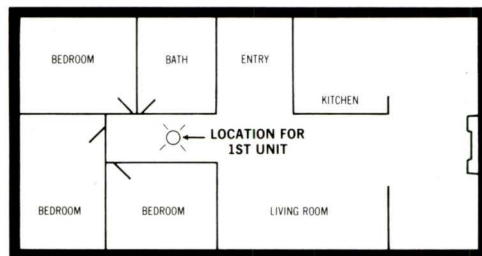
Specifications:

Power: 120 VAC 60 Hz;
80 mA max. (single station)
500 mA max. (multiple station)
85 decibel horn

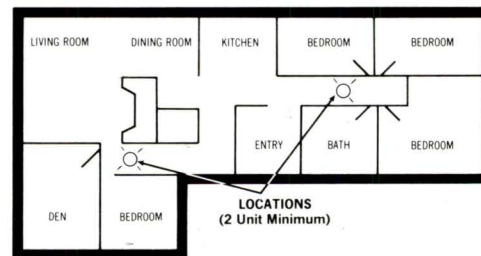
REQUIRED LOCATIONS FOR MAXIMUM PROTECTION:

(As Per NFPA Standard 74, Section 2-4)

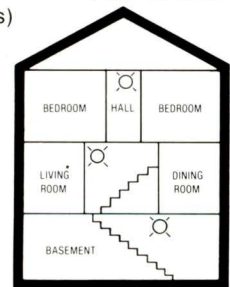
PLAN "A" TYPICAL ONE-FLOOR HOME



PLAN "B" RANCH STYLE (with two bedroom areas)



PLAN "C" CONVENTIONAL TWO-STORY



Reasonable fire safety in the home can be produced by following a three point program recommended by the NFPA.

- Minimize fire hazards
- Provide a fire warning system
- Have and practice an escape plan.

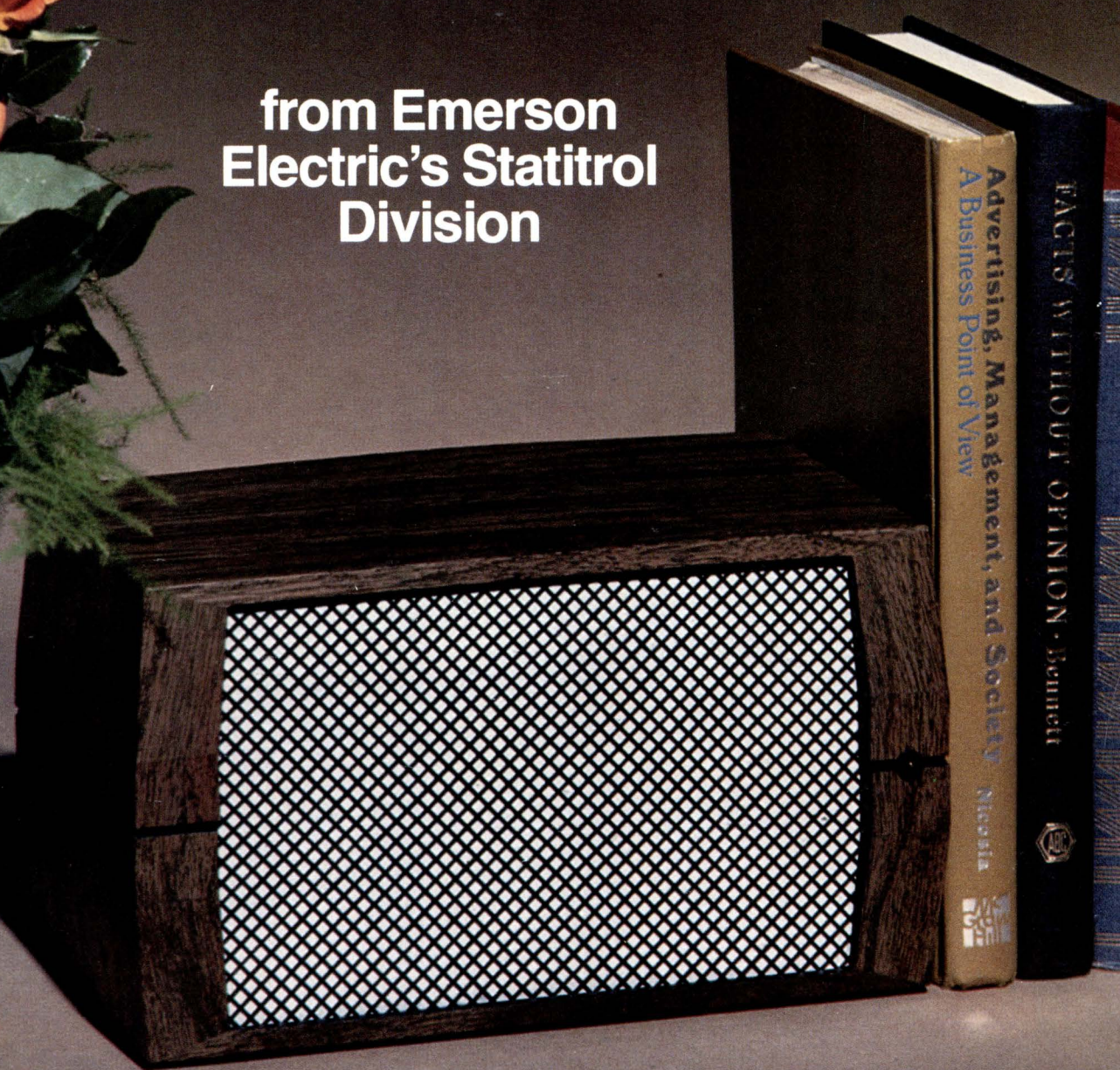
For assistance in establishing your plan, consult

The National Fire Protection Association
470 Atlantic Ave.
Boston, MA 02210

One of the little things that make a home livable

The NEW Battery-powered Residential Intrusion Detector

from Emerson
Electric's Statitrol
Division

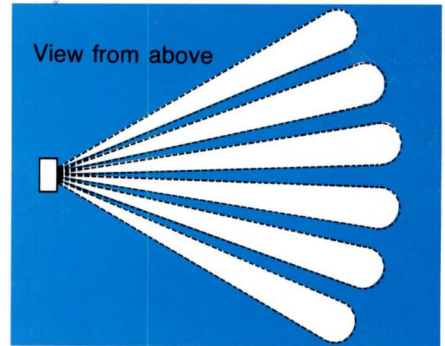


 **STATITROL**[®]
BETTER SECURITY PRODUCTS WORLDWIDE

NEW from Statitrol, developers of SmokeGard® — another dependable, affordable home protection product — The Residential Intrusion Detector

Suitable for use anywhere in your home — livingroom, bedroom, den, etc. RID is a battery-powered, self-contained area security device. Simply set RID in the desired location and it will protect home and property by sounding a loud alarm when it senses the presence of an intruder.

The Statitrol Residential Intrusion Detector utilizes passive infrared technology — the most reliable and sensitive intrusion protection on the market today. Passive infrared operates as a temperature sensing mechanism that alerts you to the presence of an intruder in the protected area.



Horizontal — 60° range — coverage is divided into six active adjacent zones.



Vertical — 8° plus or minus 15° from the horizontal. The unique aiming lever allows for flexibility in placement of unit so that maximum coverage may be obtained while allowing for movement of pets.

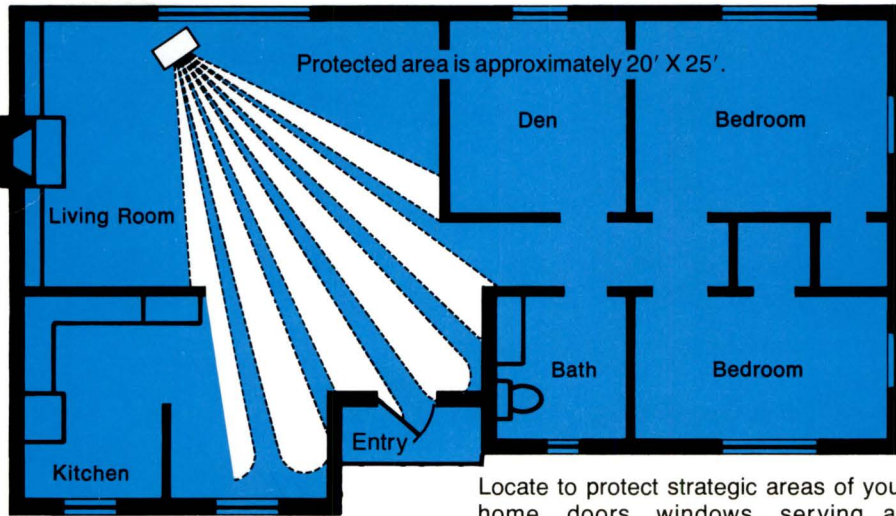
RID SPECIFICATIONS

HEIGHT:	5"
WIDTH:	9"
DEPTH:	5 3/8"
WEIGHT:	2 lbs.

Sales Support Materials

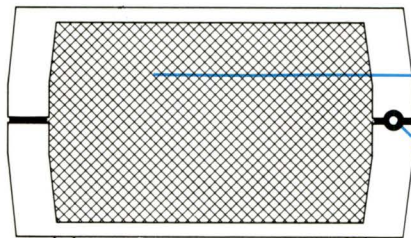
To help you develop a profitable sales volume:

Attractive retail packaging...designed to form its own counter display...Point of purchase information material...National media advertising...Cassette presentations.

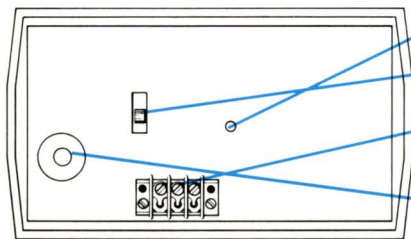


Locate to protect strategic areas of your home...doors, windows...serving as entry points for an intruder. Coverage of central hallways is excellent.

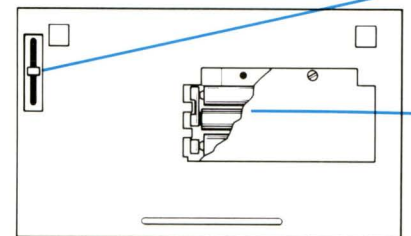
FEATURES:



- Attractive, contemporary design makes it ideal for all residential settings, including single-family dwelling, apartments, mobile homes and condominiums.
- Walk Test Light...Provides visual indication to determine Where and When intrusion will be detected.



- Battery Test Light...Assures batteries are at operational level.
- Control Switch...Three-position switch "ARM" — "OFF" — and "TEST"
- Accessory Relay Contacts...Special feature which allows unit to be connected to additional security protection devices.
- Horn...85 db. Piezoelectric

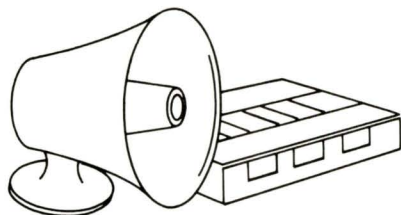


- Vertical Aiming Feature...Unique Aiming feature allows for adjustment of vertical coverage to leave floor area clear for movement of pets, eliminating many unwanted alarms.
- Battery-powered...Uses six (6) 1.5 volt "AA" batteries.

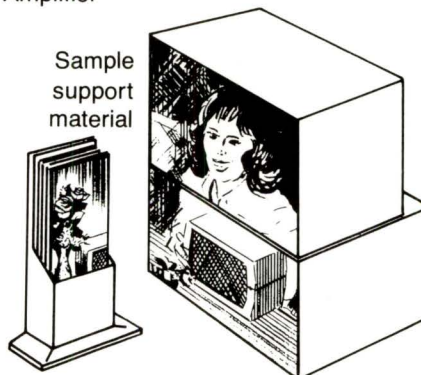
- Exit/Entry Delay...Allows freedom to leave and enter without false alarms.
- Automatic Reset...Following 4 minute alarm, unit reactivates itself.

ACCESSORIES: (Optional)

Electronic Siren Amplifier



Sample support material



Model No.	Units per Carton	Carton size	Weight per carton
1152A	6	19 1/4 X 14 1/4 X 10 1/8	12 lbs.

EMERSON STATITROL DIVISION
EMERSON ELECTRIC CO.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
(303) 986-1581

SmokeGard®

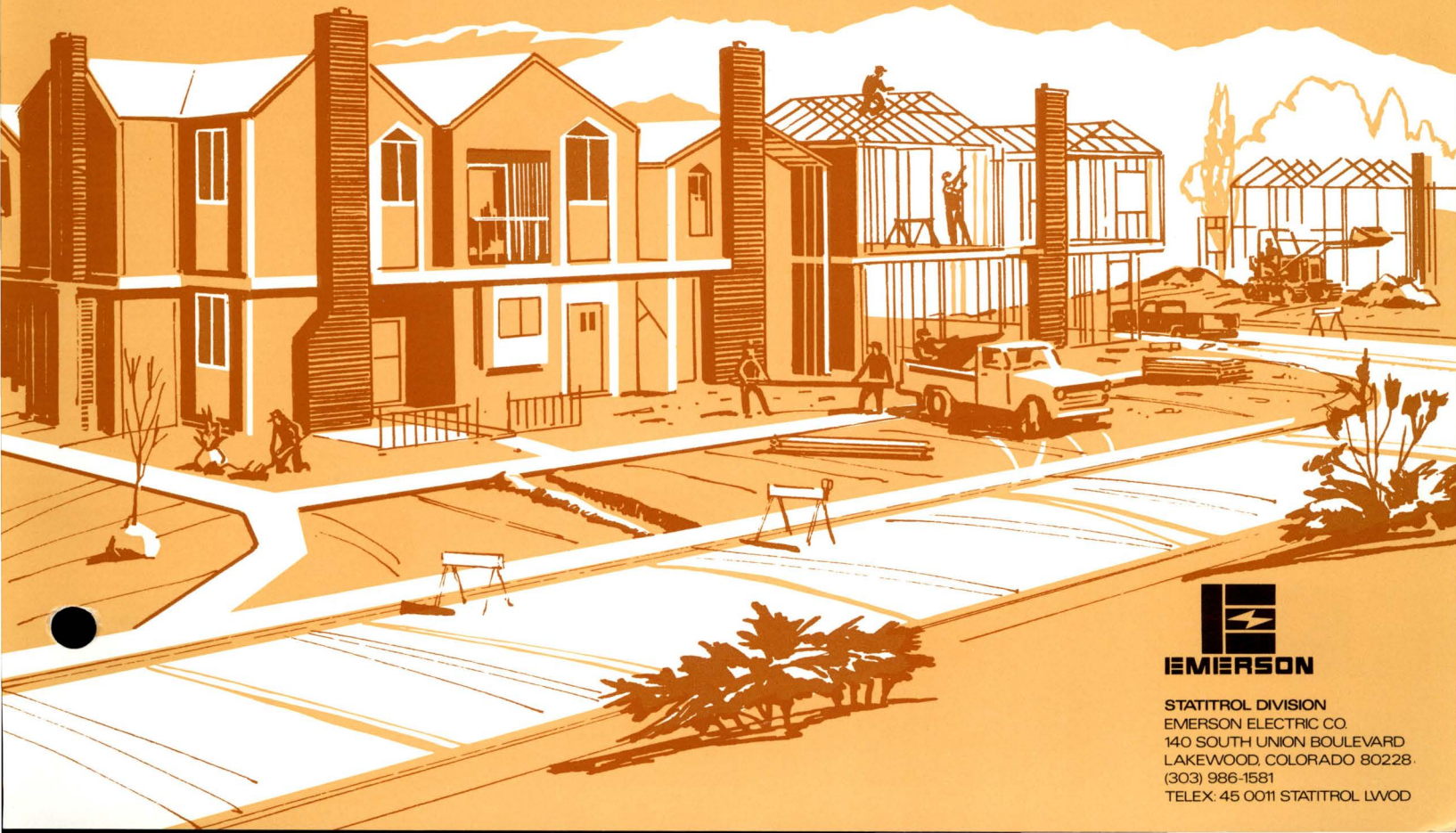


Building Quality

SmokeGard has a new design which provides for improved detection of low smoke concentrations. This unique new feature, (D.A.C.), Dual Alarm Comparator, provides excellent protection from both fast and smoldering type fires.

MODEL 907A HARDWIRE
MODEL 907B INTERCONNECT

Statitrol's SmokeGard...
the quality name for all your
building needs.

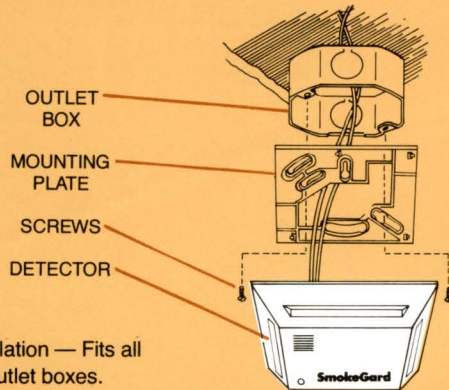


STATITROL DIVISION
EMERSON ELECTRIC CO.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
(303) 986-1581
TELEX: 45 0011 STATITROL LWOD

SmokeGard... Another Safe Decision

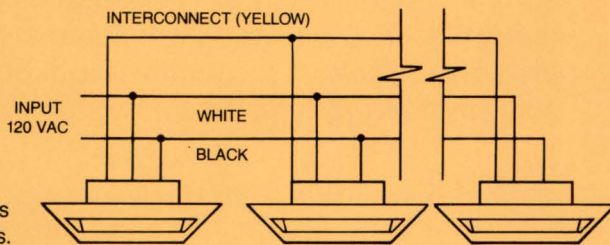
The newly designed Model 907 is ideal for new construction . . . homes, apartments, mobile homes, etc. SmokeGard has a new design which provides for improved detection of low smoke concentrations. This unique new feature, (D.A.C.), Dual Alarm Comparator, provides excellent protection from both fast and smoldering fires. Consumers can select SmokeGard with confidence.

INSTALLATION: MODEL 907A (Single Station)



Easy installation — Fits all standard outlet boxes.

INSTALLATION: MODEL 907B (Multiple Station)

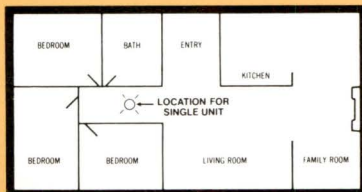


Interconnects up to 10 units.

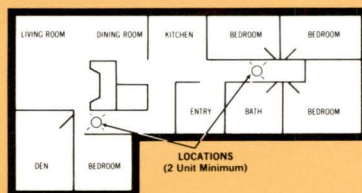
REQUIRED LOCATIONS:

(As Per NFPA Standard 74, Section 2-4)

Plan "A" Typical One-Floor Home



Plan "B" Ranch Style (with two bedroom areas)



Plan "C" Conventional Two Story



Installation of additional units is recommended for maximum protection.

Features:

- D.A.C.
- Dual Chamber.
- Push-to-Test Button.
- Exclusive mounting plate.
- Power-on indicator light.
- Attractive design. Durable housing.
- Preset sensitivity.
- Approved for wall or ceiling mounting.
- Ideal for new construction.
- Easy installation . . . mounts to all standard electrical outlet boxes.
- Needs no special maintenance.
- Hardwire — pre-stripped leads.
- Statitrol Quality and Reliability.
- One-year warranty. See warranty statement for details and limitations.

Specifications:

Power: 120 VAC 60 Hz;
80 mA max. (single station)
500 mA max. (multiple station)
85 decibel horn

Accessory Relay

An accessory relay, 9501-0001, with one set of form C (SPDT) contacts is available for use with the 907B "SmokeGard."

This accessory relay is conveniently designed to be installed remote from the smoke detector in an electrical panel or other accessible wiring location. This relay enables the user to have the capability of initiating remote alarm devices such as external horn, bells, lights, telephone dialers, etc.

Specifications:

Coil Voltage: 120 VAC, (Half-wave)
Frequency: 60 Hz
Termination: Lead Wires
Temperature Range: -40°F to +140°F
Dimensions: 3.11" L, 2.64" W, 2.72" H
Contact Rating: 3.0A Max. @ 120/240 volts AC—Resistive
127 VA Max. @ 240 volts AC—Inductive

Reasonable fire safety in the home can be produced by following a three point program recommended by the NFPA.

- Minimize fire hazards
- Provide a fire warning system
- Have and practice an escape plan.

For assistance in establishing your plan, consult
The National Fire Protection Association
470 Atlantic Ave., Boston, MA 02210

EMERSON
STATITROL DIVISION
EMERSON ELECTRIC CO.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
(303) 986-1581
TELEX: 45 0011 STATITROL LWOD

m-g-r
BETTER SECURITY PRODUCTS WORLDWIDE

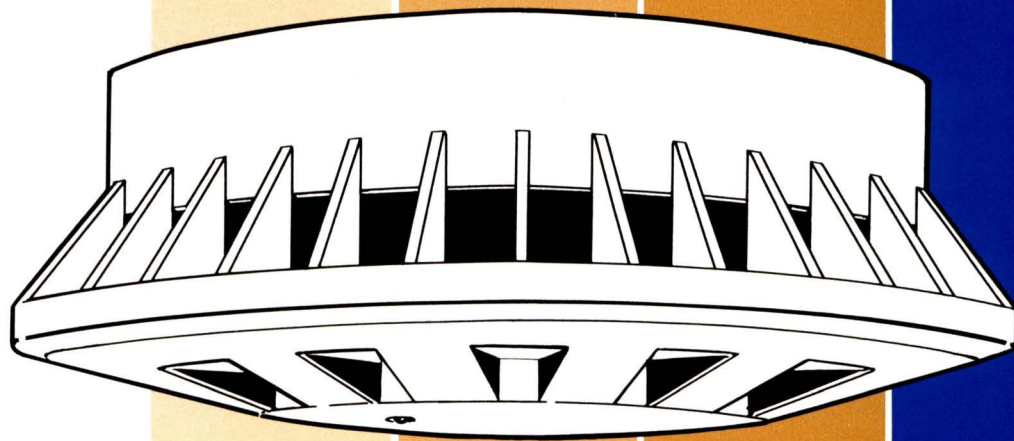
See BOCA Research Report Number 79-120.



NEW — from **STATITROL**®

One Smoke Detector for Three Systems

MODEL 306



Features

- Statitrol Quality
- Designed to operate on 6V, 12V or 24VDC systems
- Low operating current
- Allows for a complete 4-wire, Class B; or 6-wire, Class A system
- One End of Line Device operates on 6V, 12V or 24VDC system
- Single Pole/Double Throw Alarm Contacts
- Remote Alarm Indicator Lamp Circuit (LED)
- Built-in LED alarm light
- Wire entry knock-outs for easy installation in existing buildings
- Stylish new housing design
- Tamper resistant cover
- Dual ionization chamber

**6
VOLT**

**12
VOLT**

**24
VOLT**



EMERSON

STATITROL DIVISION
EMERSON ELECTRIC CO.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
(303) 986-1581
TELEX: 45 0011 STATITROL LWOD

MODEL 306M6

technical data

Power Requirements:

6 VDC thru 24 VDC (+10%, -15%); filtered

Current Draw:

Standby: 25 microamps max. @ 6 thru 24 VDC
Alarm (Not including RAIL): 65 mA max. @ 6 thru 24 VDC
Accessory Current for Remote Alarm Indicator Lamp (RAIL):
8 mA max. (Note: RAIL circuit intended for driving a LED
with no resistor)

Formula for Computing Total Zone Current:

$$\text{Total} = I_{\text{Detector}} + I_{\text{EOLD}} + I_{\text{RAIL}}$$

Alarm Relay Contact Ratings:

SPDT NO/NC Contacts: 3 A @ 30 VDC

LED Operation:

Standby: LED off
Alarm: LED on continuous

Environmental Specifications:

Velocity: 15-150 FPM
Temp.: 32°-120°F (0°-48.9°C)
Humidity: 10%-85% R.H.
Altitude: 0 ft.-10,000 ft.

Mechanical Specifications:

Dimensions: Diameter: 7" (27.6 mm)
Height: 2" (7.9 mm)
Color: Off White
Material: Heat Resistant Plastic
Shipping Weight: 2 lbs. (0.908 kg)

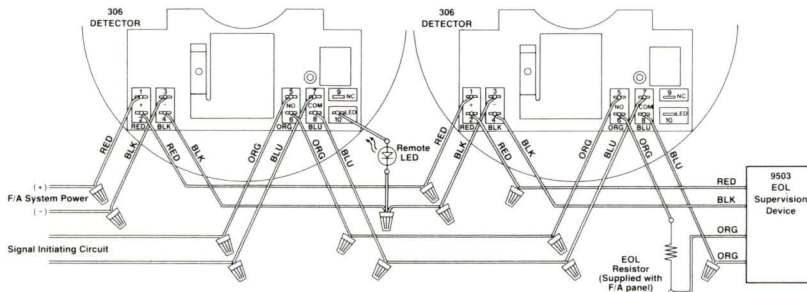
Wiring:

1. Remote Alarm Indicator Lamp and power input wires are power-limited (refer to NEC 760-30 or CEC Sec. 32).
2. All alarm relay wires can be power-limited (refer to NEC 760-30 or CEC Sec. 32) or nonpower-limited (refer to NEC 760-16 and 760-17 or CEC Sec. 32).

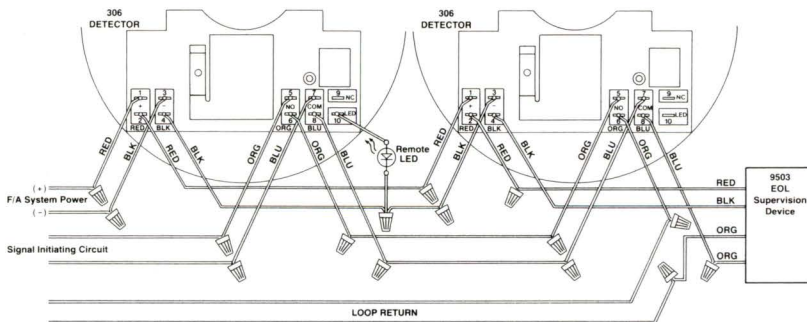
wiring

Typical wiring schematic for Model 306M6

4-Wire Class B



6-Wire Class A



9503A END OF LINE DEVICE (EOLD)

Power Requirements:

6 VDC thru 24 VDC (+10%, -15%); filtered

Current Draw:

Nominal: 15 mA @ 6 thru 24 VDC

Relay Contact Rating:

500 mA max @ 30 VDC max.; 10 Watts max.

Environmental Specifications:

Temp.: 32°-120°F (0°-48.9°C)
Humidity: 10%-85% R.H.

ordering

Direct inquiries or orders to:

Statitrol Division
Emerson Electric Company
140 South Union Boulevard
Lakewood, Colorado 80228
(303) 986-1581

U.L. Listing Pending



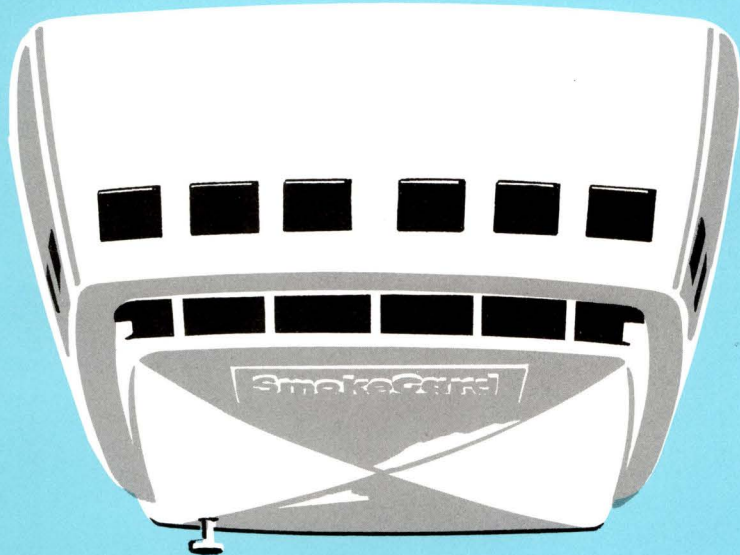
STATITROL DIVISION
EMERSON ELECTRIC CO.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
(303) 986-1581
TELEX: 45 0011 STATITROL LWOD

STATITROL
BETTER SECURITY PRODUCTS WORLDWIDE

0110-0051 Rev. A

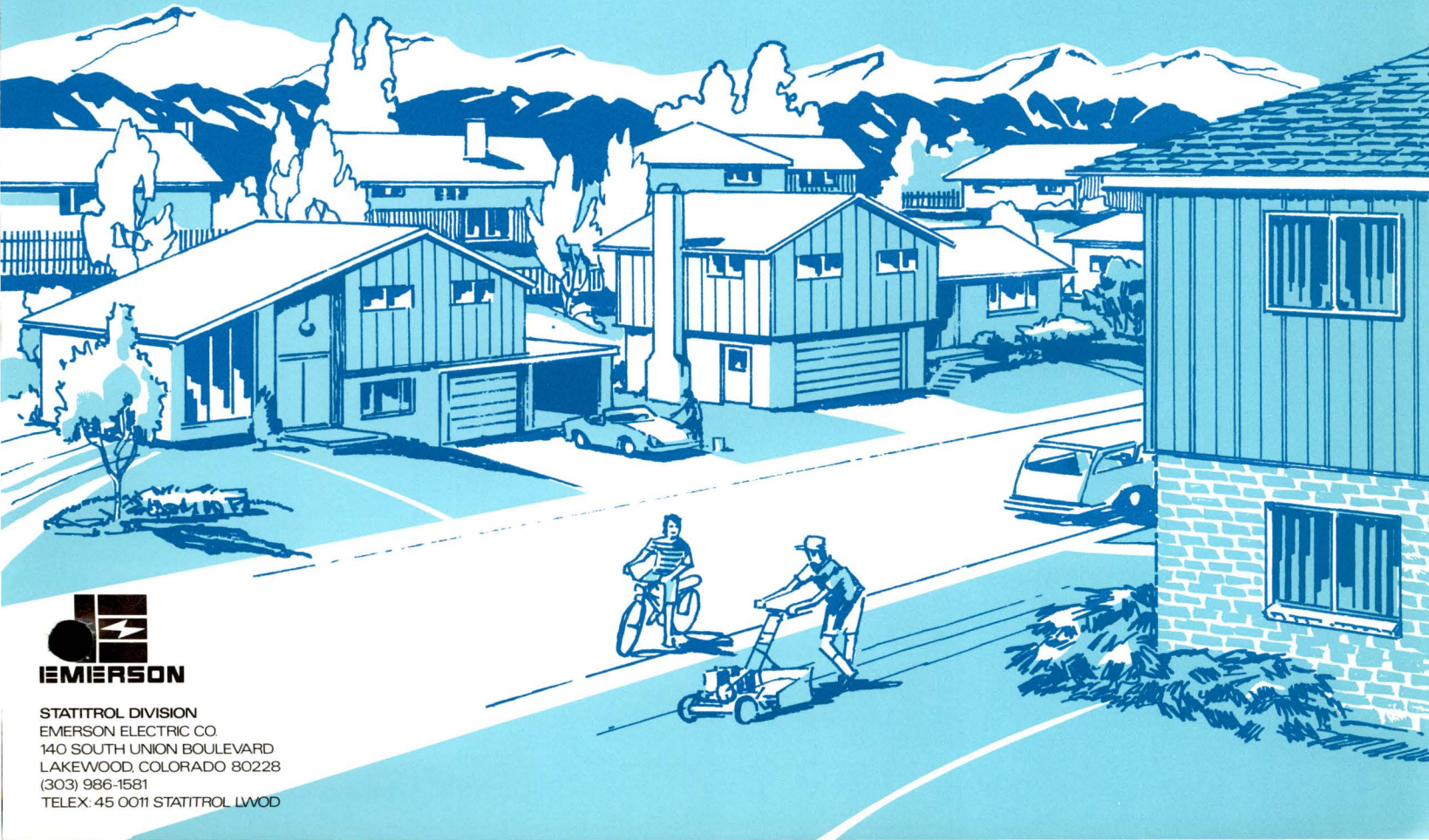
SmokeGard[®]

HOME SAFETY FIRST



**Model 809A
Battery Powered
Dual Chamber Unit**

SmokeGard has a new design which provides for improved detection of low smoke concentrations. This unique new feature, (D.A.C.), Dual Alarm Comparator, provides excellent protection from both fast and smoldering type fires.



STATITROL DIVISION
EMERSON ELECTRIC CO.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
(303) 986-1581
TELEX: 45 0011 STATITROL LWOD

the MODEL 809A

SmokeGard®... Another Safe Decision

The Model 809A is a new way to MAKE ANOTHER SAFE DECISION and select the reliable protection of a SmokeGard home smoke detector. SmokeGard detectors are manufactured by Statitrol Division of Emerson Electric Co., the protection pioneer.

Years of development and testing have resulted in smoke detector products of superior quality and reliability. Consumers can select SmokeGard with confidence.

Features:

Battery-Powered Home Smoke Detector

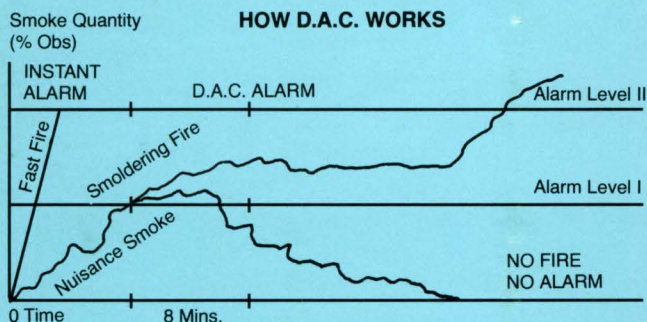
- D.A.C. (Dual Alarm Comparator),
- Dual Chamber.
- Readily available 9 volt battery (included),
- Audible "click" indicates weak battery.
- Easy to install—no wiring necessary.
- No special maintenance.
- Battery life—at least one year under normal use.
- Piezoelectric Horn
- Push-to-Test Button—Test the horn, battery, and electronic circuitry to assure proper operation of the detector.

Designed for Life Safety and Dependability

- Solid State—features custom integrated circuit design.
- Statitrol quality and reliability.
- Factory-set sensitivity—homeowner cannot misadjust.
- Durable housing. Attractive design blends with any decor.

One-Year Warranty

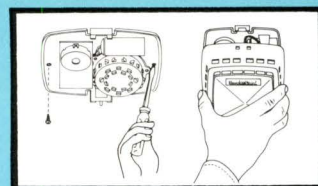
- See warranty statement for details and limitations.



- INSTANT ALARM** — Immediate response to dangerous fire conditions.
ALARM LEVEL I — D.A.C. senses smoke but waits for smoke build-up. (i.e. burning toast) DOES NOT ALARM.
ALARM LEVEL II — D.A.C. senses smoke build-up and alarms in 8 minutes (i.e. smoldering upholstery fire).

Installation:

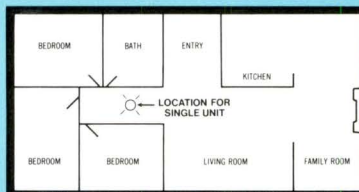
Installs in minutes. Simply remove the cover and mount unit securely on ceiling or wall with screws provided. Then replace cover on detector.



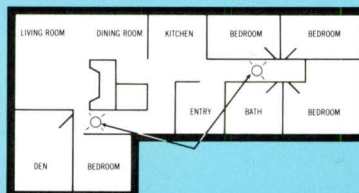
Required Locations:

(As Per NFPA Standard 74, Section 2-4)

Plan "A" Typical One-Floor Home



Plan "B" Ranch Style (with two bedroom areas)



Plan "C" Conventional Two Story



LOCATIONS (3 Unit Minimum)

Installation of additional units is recommended for maximum protection.

Reasonable fire safety in the home can be produced by following a three point program recommended by the NFPA.

- Minimize fire hazards
- Provide a fire warning system
- Have and practice an escape plan.

For assistance in establishing your plan, consult **The National Fire Protection Association**
470 Atlantic Ave., Boston, MA 02210

Specifications:

85 Decibel Horn
9 Volt Battery
5 3/4" x 5 3/4" x 2"

Creative Packaging



MODEL NO.	UNITS PER CARTON	CARTON SIZE	WEIGHT PER CARTON
809A	12	12 7/8" x 12 7/8" x 9 3/8"	12 lbs.



STATITROL DIVISION
EMERSON ELECTRIC CO.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
(303) 986-1581
TELEX: 45 0011 STATITROL LVOD

SmokeGard®

BETTER SECURITY PRODUCTS WORLDWIDE

EVERY BODY PROFITS



with the
SESAME STREET FIRE SAFETY KIT
Included FREE with every
SmokeGard®

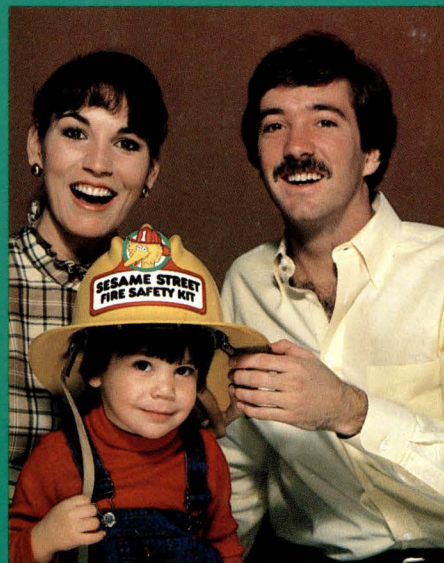
Double Duty Home Smoke Detector

Every parent and grandparent will want this educational fire safety kit, which features Big Bird and his pals from Sesame Street. The materials were developed especially for preschoolers and their families, by the Children's Television Workshop, producers of Sesame Street.

A Statitrol national advertising, promotional and public relations campaign will raise fire safety awareness among families, and will bring buyers for SmokeGard into your store, ready to invest in multiple units for their homes.

SmokeGard is the leader in quality home smoke detectors, with its exclusive Two-Stage Smoke Analyzer. It detects fast fires and slow, smoldering fires for optimum protection.

Special In-Store Display, Featuring Big Bird!
Order yours now and stock up for the brightest selling season in many years.



SmokeGard

DOUBLE DUTY HOME SMOKE DETECTOR



STATITROL DIVISION
EMERSON ELECTRIC CO.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
EMERSON (303) 986-1581

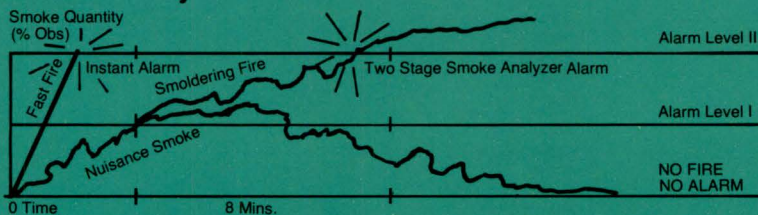
Model 814A

Features: Battery-Powered Home Smoke Detector

- Two-stage smoke analyzer, which detects fast fires and slow fires, with a minimum of false alarms from "nuisance smoke."
- Easy to install—no wiring necessary.
- Uses readily available 9 volt battery (included) for uninterrupted operation during power outages.
- Audible "Click" warns of weak battery.
- UL listed for wall or ceiling mounting.
- Solid state—features custom integrated circuit design.
- Long battery life (at least one year under normal use).
- Push-to-Test Button—Tests the horn, battery, and electronic circuitry to assure proper operation of the detector.
- Factory-set sensitivity—homeowner cannot misadjust.
- Attractive, durable housing blends with other fixtures and decor.

Full One-Year Warranty
See warranty statement for details and limitations.

How the Two-Stage Smoke Analyzer Works



INSTANT ALARM—Immediate response to dangerous fire conditions.
ALARM LEVEL I—Smoke analyzer senses smoke but waits for smoke build-up. (i.e. burning toast) DOES NOT ALARM.
ALARM LEVEL II—Smoke analyzer senses smoke build-up and alarms in about 8 minutes (i.e. smoldering upholstery fire).

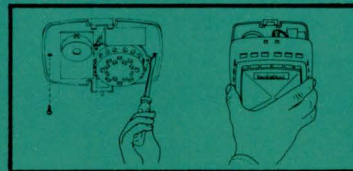
Now Free with Every Unit: SESAME STREET FIRE SAFETY KIT

For pre-schoolers and their families, delightful materials expertly developed by the Children's Television Workshop, to provide a complete home fire safety education program.

- **Storybook for preschoolers**
Big Bird gets a fun fire safety lesson.
 - **Guidebook for Parents**
Help from the experts in teaching preschoolers.
 - **Coloring Poster**
Home fire drill poster to color and keep.
 - **Glow in the Dark Exit Finders**
 - **Firefighter Paper Doll**
Shows how firefighters dress for a fire.
- Ask about special displays and promotional materials immediately!

Installation:

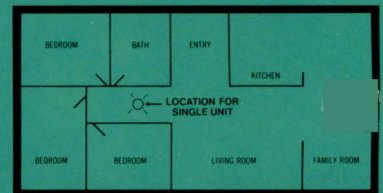
Installs in minutes. Simply remove the cover and mount unit securely on ceiling or wall with screws provided. Then replace cover on detector.



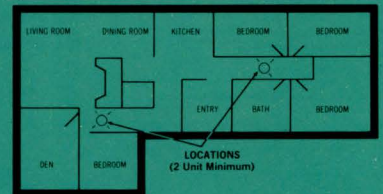
Required Locations:

(As Per NFPA Standard 74, Section 2-4)

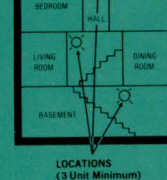
Plan "A" Typical One-Floor Home



Plan "B" Ranch Style (with two bedroom areas)



Plan "C" Conventional Two Story



Installation of additional units is recommended for maximum protection.

Reasonable fire safety in the home can be produced by following a three point program recommended by the NFPA.

- Minimize fire hazards
- Provide a fire warning system
- Have and practice an escape plan.

For assistance in establishing your plan, consult **The National Fire Protection Association**
Batterymarch Park
Quincy MA 02269

Specifications:

85 Decibel Horn
9 Volt Battery
5 3/4" x 5 3/4" x 2 5/8"

MODEL NO.	UNITS PER CARTON	CARTON SIZE	WEIGHT PER CARTON
809A	12	12 7/8" x 12 7/8" x 9 3/8"	12 lbs.

SmokeGard

DOUBLE DUTY HOME SMOKE DETECTOR



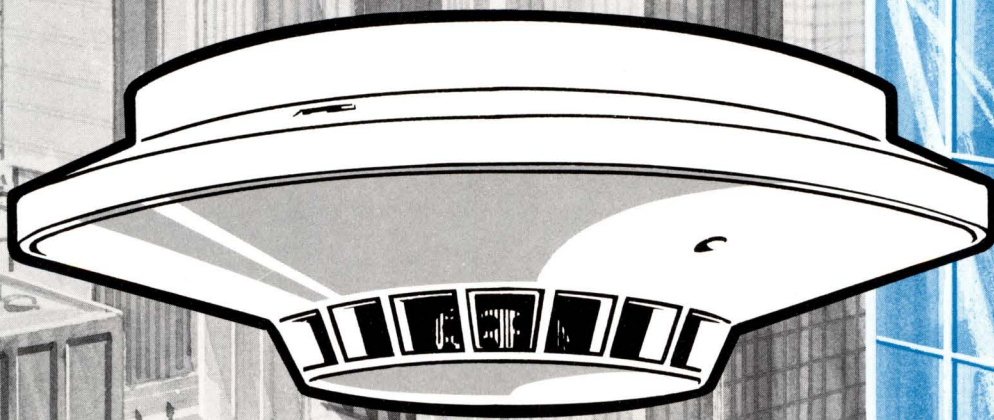
STATITROL DIVISION
EMERSON ELECTRIC CO.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
EMERSON (303) 986-1581



Follow the Leader – Choose STATITROL's New Model 303G for Quality Smoke Detection

MODEL 303G FEATURES

- Dual ionization chamber
- Modular design of interchangeable heads and bases provides maximum flexibility
- Field adjustable sensitivity Control
- Dual Alarm Comparator — provides excellent protection from *BOTH* fast and smoldering fires
- 24 VDC or 120 VAC operation
- Built-in circuitry allows for a remote alarm indicating lamp (RAIL) connection
- Push-To-Test switch checks both operation and sensitivity
- Low operating current
- Self-wiping contacts
- Built-in LED alarm light
- Tamper resistant
- Separate Mounting Base assemblies allow for maximum flexibility —
 - Allows for 4-wire, 6-wire and compatible 2-wire installations
 - Supervised mounting base assembly provides a trouble indication if a detector is removed
 - DPDT alarm/accessory contacts available
 - Mounting Base assembly may be pre-wired permitting easy installation and wiring check out from the Fire Control Panel



STATITROL[®]

BETTER SECURITY PRODUCTS WORLDWIDE

the MODEL 303G

technical data

Supply Circuit:

Voltage:
 303G w/002L7, 003K7 base 24 VDC nominal filtered
 Ripple: 18vpp max @ 24VDC supplied.
 303G w/003K2 base 120 VAC nominal 60Hz
 Standby Current:
 303G w/002L7: 25 microamps nom. @ 24VDC
 303G w/003K7: 7.5mA nom. @ 24VDC
 303G w/003K2: 5mA nom. @ 120 VAC
 Alarm Current: (Not including RAIL)
 303G w/002L7: 35mA nom. @ 24 VDC
 303G w/003K7: 42.5mA nom. @ 24 VDC
 303G w/003K2: 12mA nom. @ 120 VAC

Supplementary Circuit: Remote Alarm Indicating Lamp (RAIL)

002L7, 003K7: 100 mA @ 20 VDC with 24 VDC applied.
 003K2: No RAIL current available.

Alarm Initiating Circuit:

Alarm/Accessory contacts: DPDT; 2A @ 24 VDC or 120 VAC resistive.

Trouble contacts:

SPST N.C. 125mA @ 24 VDC resistive.

Visual Status Indication:

Red LED: Standby — OFF
 Alarm — ON continuously

Environmental Specifications:

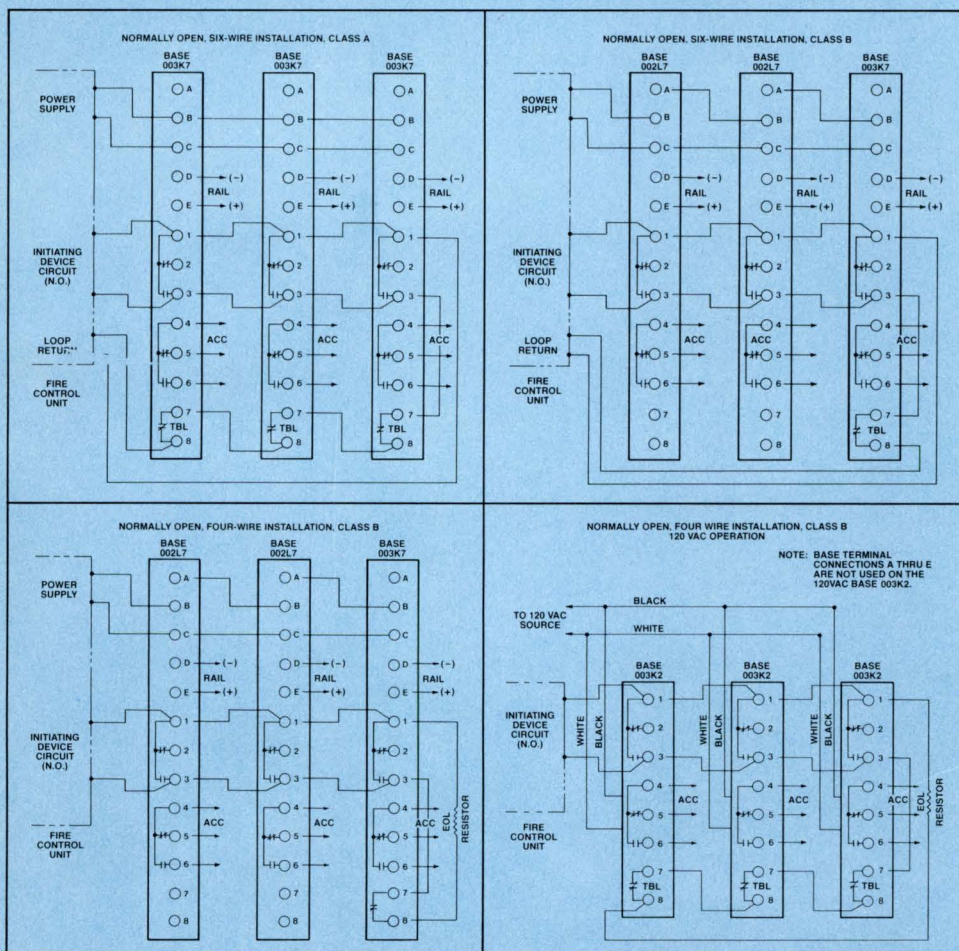
Air Velocity: 15-150 fpm
 Temperature: 32°F - 120°F (0°C - 48.9°C)
 Humidity: 20% - 85% RH
 Altitude: 0 ft. - 10000 ft. (Om - 3048 m)

Mechanical Specifications:

Dimensions: Diameter - 7.5" (19.05cm)
 Height (w/base) - 2.9" (7.37cm)
 Color: Off-White textured
 Material: Heat Resistant Plastic
 Shipping Wt.: Detector: 13 oz. (369.2g)
 (Packed 12 per carton)
 Base (avg.): 13.5 oz. (383.4g)
 (Packed 12 per carton)

wiring

The accompanying schematics illustrate typical combined mounting base installation wiring and system connections.



ordering

Four-Wire and Six-Wire Systems

Requirements	Order Part #
24 VDC w/DPDT Alarm or Accessory contacts	303G7 and 002K7 base
24 VDC w/SPDT Alarm and SPDT Accessory, NC Trouble	303G7 and 003K7 base
120 VAC w/SPDT Alarm and SPDT Accessory, NC Trouble	303G7 and 003K2 base

Direct inquiries or orders to:

Statitrol Division
Emerson Electric Company
 140 South Union Boulevard
 Lakewood, Colorado 80228
 (303) 986-1581



STATITROL DIVISION
 EMERSON ELECTRIC CO
 140 SOUTH UNION BOULEVARD
 LAKEWOOD, COLORADO 80228
 (303) 986-1581
 TELEX: 45 0011 STATITROL LWVOD



BETTER SECURITY PRODUCTS WORLDWIDE



0110-0053 Rev. A

PRESENT YOUR CUSTOMERS WITH TWINS!!!

INTRODUCING THE NEWBORN TWIN STATITROL SMOKE DETECTORS— IDENTICAL LOOKING IONIZATION AND PHOTOELECTRIC HEADS WITH INTERCHANGEABLE BASES. THEY'RE BEAUTIFUL AND SO EASY TO CHANGE!

These babies will make you proud without any pampering. In fact, they'll make life easier for you and your customers. You can change them in seconds in one easy step and they're always easy on the eye.

Your customers can install a variety of standard, interchangeable "inter-bases" in all detection locations, knowing they always have the option of snapping in either Ionization (303G7) or Photoelectric (350G0), depending on location and preference. This kind of flexibility and adaptability standardizes and eases installation.

You already know of our proven ionization technology; now what a surprise to meet its twin — the totally new photoelectric with Servo Sense™, a major advance in its field.

Both of these beauties react to fire conditions as required by the new U.L. 268 standard, and have built-in cross-reference safeguards to reduce false alarms — Servo Sense™ on the Photoelectric (350G0) and DAC™ on the Ionization (303G7). And both embody the leadership that keeps Statitrol's technology head and shoulders above the rest of the smoke detection industry. Once these babies leave home, they won't return!

STATITROL, INC.
140 South Union Blvd.
Lakewood, CO 80228
(303) 986-1581
TELEX: 45 0011 Statitrol Lwod.

STATITROL®

Better Security
Products
Worldwide



the MODEL 303G7

IONIZATION

features

- Dual ionization chamber
- Modular design of interchangeable heads and bases provides maximum flexibility
- Field adjustable sensitivity control
- "Dual Alarm Comparator" — provides excellent protection from BOTH fast and smoldering fires and helps reduce false alarms
- 24 VDC or 120 VAC operation
- Built-in circuitry allows for a remote alarm indicating lamp (RAIL) connection
- Push-to-test switch checks both operation and sensitivity
- Low operating current
- Self-wiping contacts
- Built-in LED alarm light
- Tamper resistant
- Separate Mounting Base assemblies allow for maximum flexibility
 - Allows for 4-wire, 6-wire and compatible 2-wire installations
 - Supervised mounting base assembly provides a trouble indication if a detector is removed
 - DPDT alarm/accessory contacts available
 - Mounting Base assembly may be pre-wired permitting easy installation and wiring check out from the Fire Control Panel

technical data (ratings with 303G7 installed)

Supply Circuit:

Voltage:	
303G w/001A7, 002L7, 003K7 base:	24 VDC nominal filtered
Ripple:	18 Vpp max @ 24 VDC supplied
303G w/003K2 base:	120 VAC nominal 60Hz
Standby Current:	
303G w/001A7, 002L7:	25 microamps nom. @ 24 VDC
303G w/003K7:	7.5mA nom. @ 24 VDC
303G w/003K2:	5mA nom. @ 120 VAC
Alarm Current: (Not including RAIL)	
303G w/001A7:	55mA nom. @ 24 VDC
303G w/002L7:	45mA nom. @ 24 VDC
303G w/003K7:	52.5mA nom. @ 24 VDC
303G w/003K2:	12mA nom. @ 120 VAC

Supplementary Circuit: Remote Alarm Indicating Lamp (RAIL)

001A7, 002L7, 003K7:	Up to 100mA @ 20 VDC w/ 24 VDC applied
003K2:	No RAIL current available

Alarm Initiating Circuit:

Alarm/Accessory contacts:	DPDT; 2A @ 24 VDC or 120 VAC resistive
Trouble contacts:	
SPST N.C.:	125mA @ 24 VDC resistive

Visual Status Indication:

Red LED:	Standby — OFF Alarm — ON continuously
----------	--

Environmental Specifications:

Air Velocity:	15-150 fpm
Temperature:	32°F - 100°F (0°C - 38°C)
Humidity:	20% - 85% RH

Mechanical Specifications:

Dimensions:	Diameter - 7.5" (19.05cm) Height (w/base) - 2.9" (7.37cm)
Color:	Off-White
Material:	Heat Resistant Plastic
Shipping Wt.:	Detector: 13 oz. (369.2g) (Packed 12 per carton) Base (avg.): 13.5 oz. (383.4g) (Packed 12 per carton)



BETTER SECURITY F

the MODEL 350G0

PHOTOELECTRIC

features

- Photoelectric sensor head utilizes state-of-the-art microcircuit technology
- Modular design of interchangeable heads and bases provides maximum flexibility
- Optional Heat Sensor available
- "Servo Sense" — a built-in cross reference safeguard to help reduce false alarms and increase reliability
- 24 VDC or 120 VAC operation
- Built-in circuitry allows for a remote alarm indicating lamp (RAIL) connection
- Push-to-test switch checks both operation and sensitivity
- Low operating current
- Self-wiping contacts
- Built-in LED alarm light
- Tamper resistant
- RFI and Line Transient Protection
- Separate Mounting Base assemblies for quick and easy installation
 - Allows for 4-wire, 6-wire and compatible 2-wire installations
 - Supervised mounting base assembly provides a trouble indication if a detector is removed
 - DPDT alarm/accessory contacts available
 - Mounting Base Assembly may be pre-wired permitting easy installation and wiring check out from the Fire Control Panel

technical data (ratings with 350G0 installed)

Supply Circuit:

Voltage:

350G0 w/001A7, 002L7,
003K7 base: 24 VDC nominal filtered

Ripple: 18 Vpp max @ 24 VDC
supplied

350G0 w/003K2 base: 120 VAC 60Hz 4W max.

Standby Current:

350G0 w/001A7, 002L7 base: 60 microamps nom. @
24 VDC

350G0 w/003K7: 7.5mA max. @ 24 VDC

350G0 w/003K2: 5mA nom. @ 120 VAC

Alarm Current: (Not including RAIL)

350G0 w/001A7: 55mA nom. @ 24 VDC

350G0 w/002L7: 45mA max. @ 24 VDC

350G0 w/003K7: 52.5mA max. @ 24 VDC

350G0 w/003K2: 12mA nom. @ 120 VAC

Supplementary Circuit: Remote Alarm

Indicating Lamp (RAIL)

001A7, 002L7, 003K7: Up to 100mA @ 20 VDC w/
24 VDC applied

003K2: No RAIL current available

Alarm Initiating Circuit:

Alarm/Accessory contacts: DPDT; 2A @ 24 VDC or
120 VAC resistive

Trouble contacts:

SPST N.C.: 125mA @ 24 VDC resistive

Visual Status Indication:

Red LED: Standby — OFF
Alarm — ON continuously

Environmental Specifications:

Temperature: 32°F - 100°F (0°C - 38°C)

Humidity: 20% - 85% RH

Mechanical Specifications:

Dimensions: Diameter - 7.5" (19.05cm)
Height (w/base) - 2.9"
(7.37cm)

Color: Off-White

Material: Heat Resistant Plastic

Shipping Wt.: Detector: 13 oz. (369.2g)

(Packed 12 per carton)

Base (avg.): 13.5 oz.

(383.4g)

(Packed 12 per carton)

MODEL 350G0T

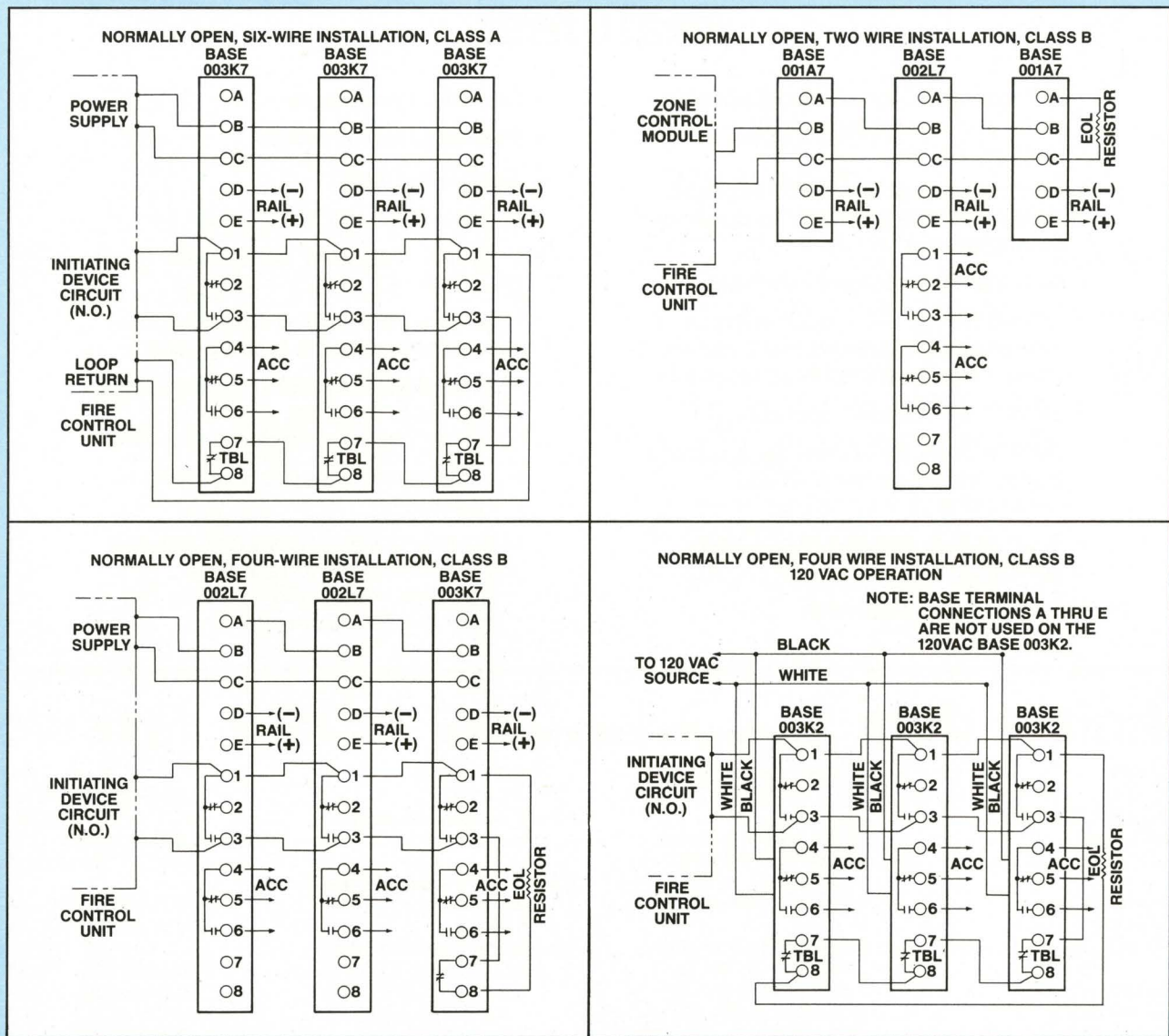
The Model 350G0T is equipped with an optional heat sensor. The detector will alarm when the temperature at the heat sensor reaches 135°F. All other detector operations are identical to the Model 350G0.

TITROL[®]

PRODUCTS WORLDWIDE

the MODEL 303G7 and the 350G0

wiring The accompanying schematics illustrate typical combined mounting base installation wiring and system connections.



ordering

Four-Wire and Six-Wire Systems

Requirements	Order Part #
24 VDC w/DPDT Alarm or Accessory contacts	303G7 or 350G0 and 002L7 base
24 VDC w/SPDT Alarm and SPDT Accessory, NC Trouble	303G7 or 350G0 and 003K7 base
120 VAC w/SPDT Alarm and SPDT Accessory, NC Trouble	303G7 or 350G0 and 003K2 base

STATITROL, INC.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
(303) 986-1581
TELEX: 45 0011 STATITROL LWOD

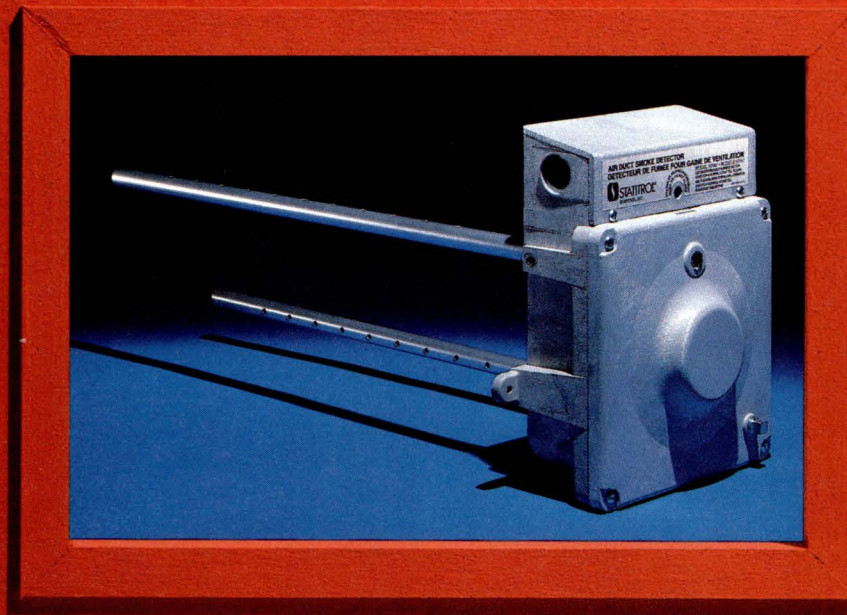
STATITROL®

BETTER SECURITY PRODUCTS WORLDWIDE



0110-0064 Rev. A

IN CASE OF FIRE CODE BREAK WITH THE PAST



CHOOSE STATITROL IONIZATION AIR DUCT SMOKE DETECTORS WITH BUILT-IN SENSOR, HOUSED IN LIGHTWEIGHT, NEVER-PAINT LEXAN.

That indisputable Statitrol quality comes in a housing that makes installation a matter of minutes and difficult testing a thing of the past, so you can meet those tough fire codes with ease.

The housing stays closed for installation and for visual test/reset procedure — L.E.D. indicator and test button are external. Then, if you do open the housing for adjustment with the built-in key, it seals up tight again without a gasket — that's how precise is the grooved fit of the revolutionary, lightweight LEXAN body.

The 501 Model is 120 volt AC, with trouble contacts and pulsed L.E.D. for visual sensitivity indication; the 500 Model is 24 volt DC powered.

New! Duct Detector Test Panel
...allows you to remote test and reset the Duct Detector when installed in hard-to-reach areas.

Both models provide the same dependable performance for fast shutdown of air systems at the detection/confirmation of ambient smoke. Both have variable sampling and reference tube kits that can accommodate duct widths from 6 inches to 12 feet. Both are UL, ULC and FM listed.

Statitrol's 500 and 501 Duct Smoke Detectors definitely break with a less convenient, less certain past, with unequalled quality from the inside out.



STATITROL
BETTER SECURITY PRODUCTS WORLDWIDE

140 South Union Boulevard
Lakewood, Colorado 80228
(303) 986-1581

Made in America

MODEL 500/501

technical data

POWER REQUIREMENTS:
 24 VDC MODELS
 24 VDC Filtered (+10%, -15%)
 120 VAC Models
 120 VAC (+10%, -15%); 100 mA max.

STANDBY CURRENT: (24 VDC Only)
 Model 500L7; 75 μ A max. @ 24 VDC
 Model 501K7; 17 mA max. @ 24 VDC

Alarm Current: (not including RAIL current)
 Model 500L7; 80 mA max. @ 24 VDC
 Model 501K7; 95 mA max. @ 24 VDC
 Model 501K2; max. current 100 mA @ 120 VAC
 (under all conditions)

Remote Alarm Indicator Lamp (RAIL):
 500L7, 501K7; 40 mA max. @ 19 VDC with 24 VDC applied
 501K2; 40 mA max. @ 19 VDC with 120 VAC applied

Accessory Relay Contact Rating: (as applicable)
 Models 500L7, 501K7 & 501K2; 10A max. @ 24 VDC,
 24 VAC, or 115 VAC, Resistive
 5A @ 80% P.F. @ 24 VAC or 115 VAC, Inductive 2A @
 24 VDC, Inductive

Trouble Contact Ratings: (as applicable)
 400 mA @ 24 VDC, Resistive

LED Pulse Rate:
 Model 500L7; LED does not pulse
 Model 501K7 and Model 501K2: 50-80 PPM

Wiring:
 For power limited wires, refer to NEC 760-30. For
 non-power limited, refer to NEC 760-16 and 760-17.
 In Canada refer to CEC, Sec. 32.

Environmental Specifications:
 Air velocity: In duct 500 to 3,000 FPM
 Temperature: 32° F to 120° F
 Humidity: 10% to 85% R.H.
 Altitude: 0 ft. - 10,000 ft.
 Avoid Corrosive Atmospheres

Mechanical Specifications:
 Dimensions: 10.8" high x 10" wide x 4.4" deep (max.)
 (274.32mm x 254mm x 11.76mm)
 Color: Metallic Gray
 Material: Lexan
 Max. Net Weight: 5.7 lbs. (2.6 kg)
 Ionization Source: Americium 241, .9 μ Ci

wiring

Typical wiring schematics for
 Models 500L7, 501K7 and 501K2.

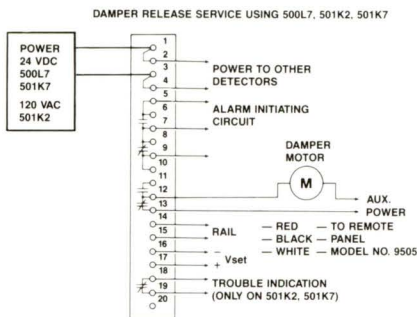


FIGURE 1

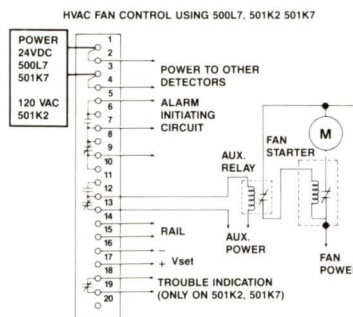


FIGURE 3

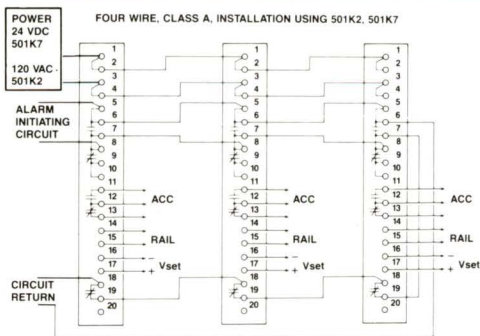


FIGURE 2

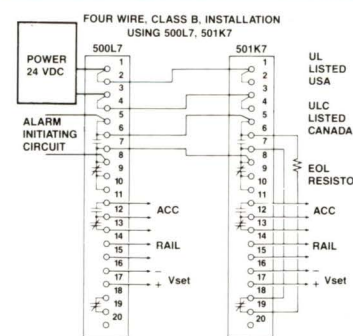


FIGURE 4



DUCT DETECTOR TEST PANEL (MODEL 9505)

Duct detectors are often installed in areas that are difficult to reach — making the testing and resetting of the duct detector inconvenient and time consuming.

The Model 9505 Remote Duct Detector Test Panel can be used with all Model 500/501 Duct Detectors. It allows convenient testing and resetting of the duct detector. The LED on the plate will also illuminate when the detector is in alarm — providing a remote alarm indication.

The attractive metallic plate can be mounted to a standard single gang electrical box. Each Model 9505 comes with an "electromagnetic" tool which activates the test and reset indications — AN EXCLUSIVE STATITROL FEATURE.

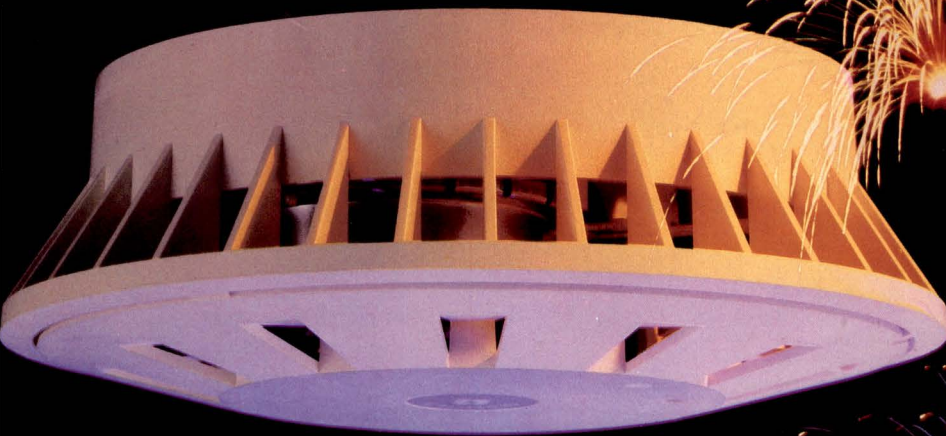
ordering

Order Model 501K2 for 120 VAC operation
 Select and order Model 500L7 or 501K7
 for 24 VDC operation

Order Detector Sampling Tube Sets
 comprised of one sampling tube and one
 reference tube as follows:

For Duct Widths of:	ORDER	Model #
2' to 3 1/2'	ORDER	ST1
3' to 5'	ORDER	ST2
4' to 7'	ORDER	ST3
6' to 10'	ORDER	ST4
9' to 12'	ORDER	ST5
6' to 8"	ORDER	ST6
9' to 11"	ORDER	ST7
12" to 17"	ORDER	ST8
18" to 23"	ORDER	ST9

BETTER SECURITY PRODUCTS WORLDWIDE



It's a whole new ball game with STATITROL'S model 306M SMOKE DETECTOR

SINGLE

One detector meets your stocking and installation requirements with unsurpassed quality, reliability, and versatility.

DOUBLE

The patented Dual Alarm Comparator circuit does double duty detecting fast and slow fires, while *virtually eliminating false alarms*.

TRIPLE

Three different voltage capacities in one single detector: 6 volts, 12 volts, and 24 volts. Operates on 4-wire, 6-wire, and compatible 2-wire installations.

HOMER

You improve profits by simplifying your inventory, meeting the greatest number of customer specifications and providing the highest quality with the most trusted brand-name in the whole smoke detector ball game.

You're batting a thousand when you choose the Statitrol Model 306M

For full specifications, contact:

Statitrol, Inc.
140 South Union Blvd.
Lakewood, CO 80228
(303) 986-1581
Telex: 450011 Statitrol Lwod.

STATITROL

MADE IN AMERICA

MODEL 306M

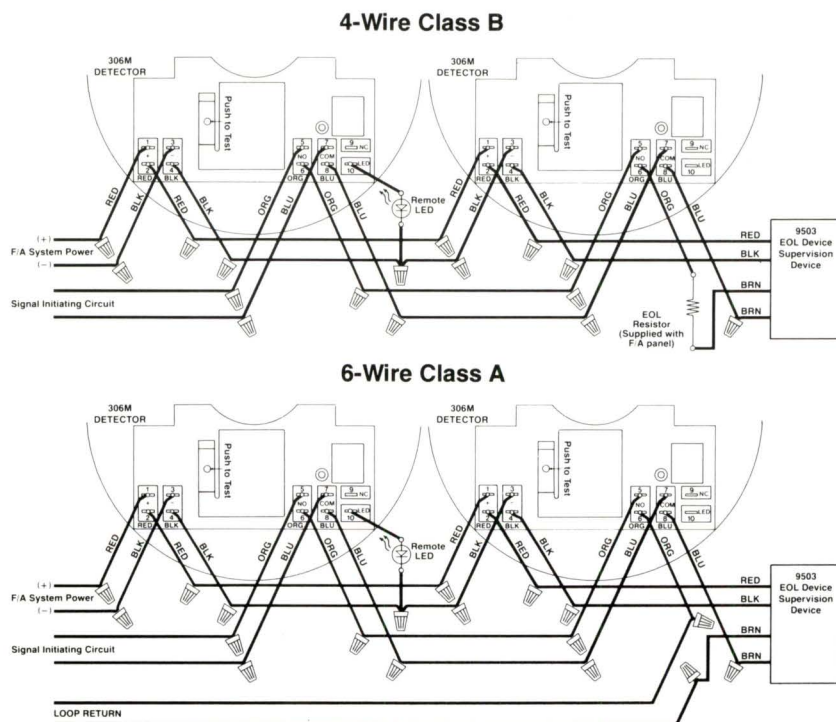


features

- Statitrol Quality
- One unit operates on 6V, 12V or 24 VDC systems
- One End of Line Device operates on 6V, 12V or 24 VDC systems
- Low operating current
- Allows for a complete 4-wire or 6-wire system
- Single Pole/Double Throw Alarm Contacts
- Remote Alarm Indicator LED Circuit
- Built-in LED alarm light
- Hidden Push-to-Test switch
- Wire entry knock-outs for surface wire installations
- Stylish new housing design
- Tamper resistant cover
- Dual ionization chamber
- Dual Alarm Comparator — provides excellent protection from BOTH fast and smoldering fires

wiring

Typical wiring schematic for Model 306M



technical data

Ratings:

Supply Circuit:

- 6 VDC thru 24 VDC filtered
- Ripple (60 Hz, 120 Hz) 2.0 VPP max. @ 6 VDC applied;
- 8.0 VPP max. @ 12 VDC applied;
- 20.0 VPP max. @ 24 VDC applied;
- Standby: 25 microamps nominal @ 6 thru 24 VDC
- Alarm (Not including RAIL): 65 mA nominal @ 6 thru 24 VDC

Supplimentary Circuit:

- Remote Alarm Indicator LED (RAIL) circuit supplies 8mA to operate a LED (no external resistor is required)

Formula for Computing Total Zone Current:

$$I_{\text{Total}} = I_{\text{Detector}} + I_{\text{EOLD}} + I_{\text{RAIL}}$$

Alarm Initiating Circuit:

- SPDT Form C Contacts: 3 A @ 30 VDC resistive

Surge Current:

- 1.875 microamp seconds @ 24 VDC

LED Operation:

- Standby: LED off
- Alarm: LED on continuous

Environmental Specifications:

- Velocity: 15-150 FPM
- Temp.: 32°-120°F (0°-48.9°C)
- Humidity: 20%-85% R.H.
- Altitude: 0 ft.-10,000 ft.

Mechanical Specifications:

- Dimensions: Diameter: 7" (17.78 cm)
- Height: 2" (5.08 cm)

Color: Off White

Material: Heat Resistant Plastic

Shipping Weight: 2 lbs. (0.908 kg)

Wiring:

1. Remote Alarm Indicator Lamp and power input wires are power-limited (refer to NEC 760-30 or CEC Sec. 32).
2. All alarm relay wires can be power-limited (refer to NEC 760-30 or CEC Sec. 32) or nonpower-limited (refer to NEC 760-16 and 760-17 or CEC Sec. 32).

9503 END OF LINE DEVICE

Power Requirements:

- 6 VDC thru 24 VDC filtered

Current Draw:

- Nominal: 15 mA @ 6 thru 24 VDC

Relay Contact Rating:

- 500 mA max. @ 30 VDC max.; 10 Watts max.

STATITROL, INC.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
(303) 986-1581
TELEX: 45 0011 STATITROL LWOD

STATITROL®

BETTER SECURITY PRODUCTS WORLDWIDE



0110-0051 Rev.



inter-office correspondence

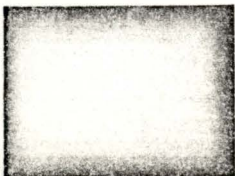
date: November 3, 1983
to: see copy list
from: Suzan Ellis
subject: 306M Literature

copy: Jim Zur
Paul Staby
Ben Orr
Carl Judson
Clyde Boyd
Kathe Burke

Attached for your information is new 306M literature.

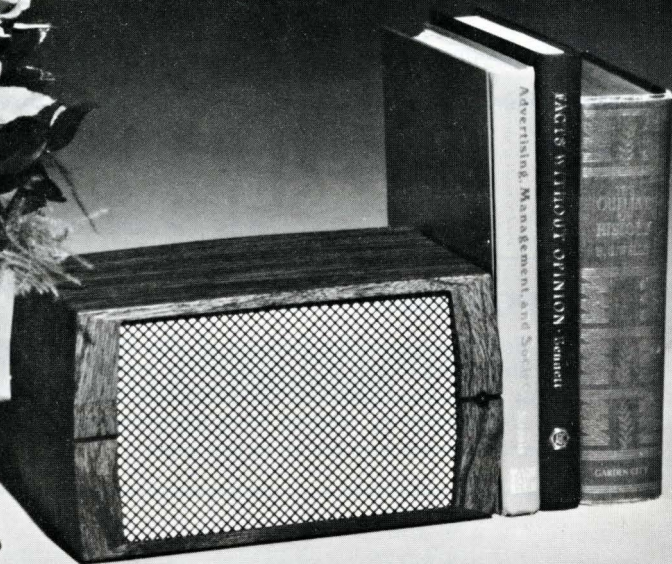
SE
Suzan

SE/vcf



OWNER'S MANUAL

RESIDENTIAL INTRUSION DETECTOR Model 1152A



 **STATITROL®**

TABLE OF CONTENTS

Page

Introduction	3
Residential Intrusion Detector...Parts Identification	4
Coverage	5
A. Horizontal	5
B. Vertical	5
Location	7
Setup & Test Instructions	7
Intrusion Detector Activation	9
Operational Reminders	10
Maintenance & Care	10
Quality Assurance	10
Do's & Don'ts	10
Unwanted Alarms	11
Specifications	11
Service	11

IMPORTANT:

The Residential Intrusion Detector utilizes batteries which are readily available at your local drug, hardware or grocery store. This unit uses six (6) "AA" 1.5 volt batteries. Typical battery life is one year. Battery life can be extended by utilizing more expensive batteries; for example, alkaline batteries may last up to two years.

Introduction

The purchase of the Statitrol Residential Intrusion Detector is an important investment and a positive step toward Home Safety and Security. Because of its moderate price, the homeowner may now have the same protection long used by industry. This Owner's Manual covers the use and operation of your Residential Intrusion Detector (Model 1152A). PLEASE READ THIS BOOKLET THOROUGHLY before putting your unit in use.

The Residential Intrusion Detector (R.I.D.), attractively designed to look like a stereo speaker cabinet, is an electronic device which represents a major advance in residential protection. Requiring no wiring, R.I.D. gives the advantage of immediate installation and portability. Simply set R.I.D. in the desired location, and it will protect home and property by sounding a loud alarm when it senses the presence of an intruder.

Most burglars are "opportunists". They enter your home during the daytime and wish to enter and exit quickly and quietly. Since over 80% of burglaries are committed by juveniles, the loud, piercing sound of the R.I.D. horn will most likely drive the intruder out of your home. R.I.D. may also be connected to most types of perimeter systems for additional protection.

The Model 1152A utilizes **passive** infrared technology, which is the most reliable and sensitive intrusion protection available. Passive means it emits no energy of any kind, i.e. light, ultrasonic, microwave, etc. The passive infrared sensor is designed to **specifically detect** the warm body radiation of an intruder.

The following features make R.I.D. the Safe and Reliable Home Security Protection:

1. Battery power for easy installation and maintenance
2. Unique vertical aiming device
3. Visual walk and battery test lights
4. Accessory relay contacts
5. Exit/entry delay
6. Automatic reset

This device is ideal for use in all residential settings including single-family dwellings, apartments, mobile homes and condominiums.

Residential Intrusion Detector...

Parts Identification

1. Cabinet—easy care, plastic woodgrain finish
2. Walk Test Light
3. Polyethylene cover which admits thermal energy to focusing mirror and sensor
4. Front Grill
5. Control Switch
6. Battery Test Light
7. Piezoelectric Horn
8. Accessory Relay Contacts
9. Vertical Aiming Lever
10. Battery Tray

FIGURE A. Front View

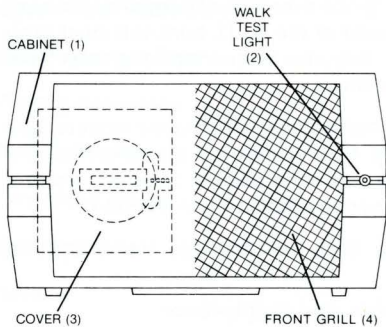


FIGURE B. Back View

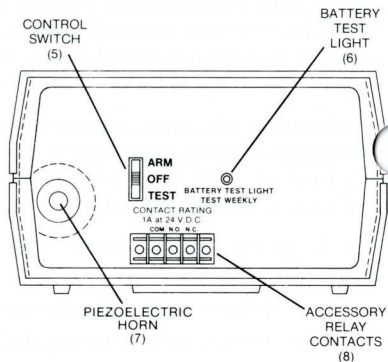
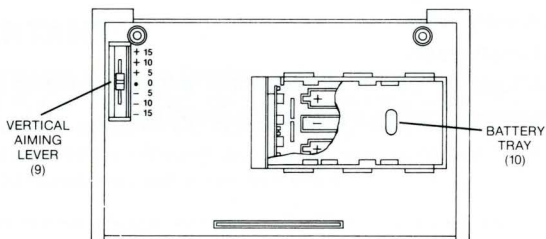


FIGURE C. Bottom View

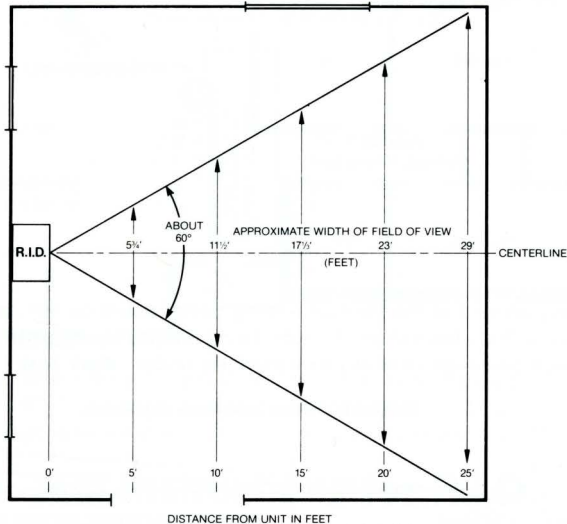


Coverage

The Residential Intrusion Detector is a self-contained **area** security device intended for local alarm use. The Field of View (area of coverage) of R.I.D. is relatively large. One unit will protect a room or area approximately 20' x 25'.

A. Horizontal—The active sensing area is divided horizontally (side to side) into six (6) adjacent zones. There are three zones on each side of the centerline of the detector. The horizontal Field of View is 60°.

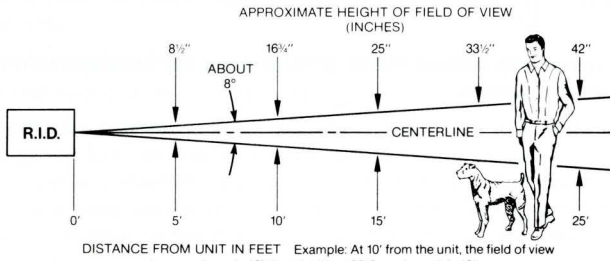
FIGURE D. Horizontal Field View — (Viewed from Above)



Example: At 10' from the unit, the horizontal width of field of view is 11 1/2'.

B. Vertical—The focusing mirror within the cabinet is adjustable vertically (up and down). The vertical Field of View is 8°.

FIGURE E. Vertical Field of View (Side View)



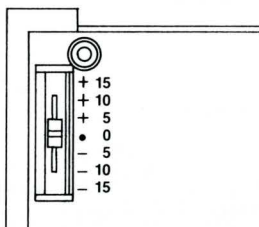
Example: At 10' from the unit, the field of view is approximately 16 1/4" vertically; at 25' from the unit is 42".

Vertical Aiming Lever

This innovative engineering design gives the householder additional control of the area to be protected. The feature allows adjustment of the mirror, leaving the floor area clear for freedom of movement of pets through the protected area, while still giving protection and sensing the presence of an intruder. With other types of area intrusion devices, any movement within the protected area (and often movement outside the protected area) i.e. movement of pets, blowing curtains, rotating displays, etc. will cause unwanted alarms.

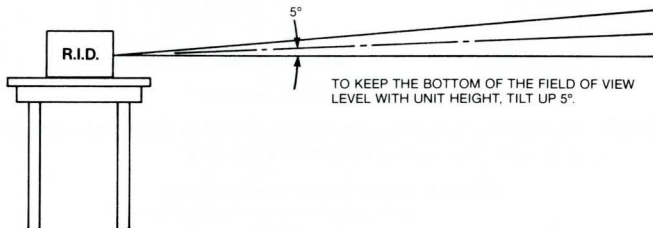
The Aiming Lever is located on the bottom of your detector and may be tilted up or down 15° from horizontal.

FIGURE F.
Vertical Aiming Lever



Normal adjustment of the Vertical Aiming Lever would be +5° or +10°. If unit is located on a high bookshelf, it might be necessary to adjust lever down -5° or -10°. Check coverage carefully as described under "Walk Test".

FIGURE G. Vertical Adjustment Explanation

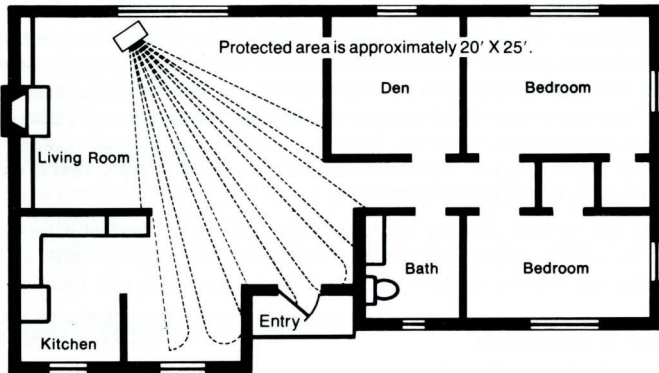


These horizontal and vertical Fields of View allow for establishment of a controlled protection pattern.

Location

R.I.D. is suitable for use in living room, dining room, den, library, etc. Remember, R.I.D. is an area protection system. Locate it to protect strategic areas of your home, i.e. front and back doors and sliding doors or windows which serve as entry points for an intruder. Coverage of major traffic patterns, such as central hallways or stairways, is excellent.

FIGURE H. Location Example



R.I.D. does not emit energy of any kind; therefore, can't easily be detected or defeated. Since R.I.D. is battery powered and requires no additional receivers or wiring, installation is as simple as deciding where you want to place it.

Setup & Test Instructions for R.I.D.

Once you've decided on the most suitable location for your intrusion detector, read the following instructions carefully.

1. Insert six (6) "AA" 1.5 volt batteries—The battery tray is located on the bottom of the intrusion detector. Insert batteries following polarity (\pm) markings in the battery tray.
2. Locate the Control Switch on the back panel of your unit.
3. Place this switch in the "TEST" position.
4. If batteries are inserted properly and the device is operational, the red Battery Test Light (L.E.D.) on the back panel will be on. If the battery light is not on, recheck battery insertion instructions and batteries. The Battery Test Light on the back panel serves as a Low Battery Warning Signal. When the test light is not on, battery power is not sufficient to operate the detector. Replace batteries immediately.

5. Place your unit in desired location, leaving control switch in "TEST" position. Follow the Walk Test instructions below. (Note: Allow unit **two** minutes warm-up period following initial battery insertion and after each battery replacement. This allows the sensor to stabilize and adjust to background environment.)

6. **Walk Test**

The Walk Test Light serves as a visual indication of movement within the protected area. Conveniently located on the front of the detector, the flashing red light allows the householder to do a "Walk Test" and determine **Where** and **When** intrusion is detected.

Walk (approx. 10' to 15' away from the front of the detector) across the room or area to be covered. You will note the flashing red light (L.E.D.) on the front of the intrusion detector. As you walk across the Field of View, you will see the Walk Test Light flash. Each flash of the light is an indication of violation of one of the six active sensing zones. Continue walking until the light ceases to flash. You will then be out of the active sensing region. **The Walk Test is extremely important as it verifies the protected area.**

7. Adjust the Vertical Aiming Lever to leave floor area clear and provide optimum coverage. Adjustment of the Horizontal coverage is done by rotating the detector slightly to the right or left, or by changing unit location.

8. Repeat the "Walk Test" until you are satisfied that the controlled protection pattern is that desired.

Be sure the location you have selected allows for coverage of the most likely entrance or traffic patterns in your home.

REMEMBER...

With the Control Switch in the "TEST" (lower) position, the following occurs:

1. A red Walk Test Light (L.E.D.) located on the front of the intrusion detector will flash every time thermal activity is sensed. (Note: This light will not flash when unit is in "ARM" or "OFF" position.)
2. A red Battery Test Light (L.E.D.) on the back panel will be on if the batteries are of sufficient voltage to power the intrusion detector. If the batteries are depleted to a point where unsatisfactory detector operation may result, the Battery Test Light will be off. (Note: Battery Test Light will not function when unit is in "ARM" or "OFF" position.)
3. **No** horn alarm will sound when the switch is in the "TEST" position.

Intrusion Detector Activation

Your Residential Intrusion Detector is now ready for use. To activate (arm) the unit, simply move the Control Switch on the back panel upward to the "ARM" position. This should be done upon leaving your home or for nighttime protection. The unit will then sense and adjust to the background thermal energy or heat of the controlled protection pattern, and be ready to detect any change in thermal energy within the protected area.

Exit/Entry Delay

With the Control Switch in the "ARM" position, the special timing circuitry of the Residential Intrusion Detector will allow **30 seconds Exit Delay**. An **Entry Delay of 15 seconds** is also provided so the unit may be deactivated. This Exit/Entry Delay allows freedom to leave and enter without false alarms.

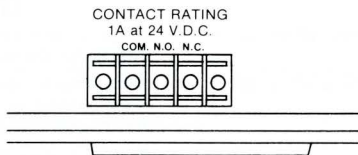
Automatic Reset

When the unit goes into alarm, the horn will sound for a period of four (4) minutes unless deactivated by moving the Control Switch to the "OFF" position. After four (4) minutes the unit will automatically reset and be ready to sense any intrusion.

Accessory Relay Contacts

A feature not found on most area residential intrusion devices is the accessory relay contacts. The Terminal Strip located on the back panel of the intrusion detector allows for connection to secondary alarm, such as outside siren or horn. This relay capability allows R.I.D. to be incorporated into an expanded home protection system. (See Specifications for relay rating.)

FIGURE I. Accessory Relay Contacts



Operational Reminders

- Detector design allows **30 second Exit** and **15 second Entry Delay**.
- 15 seconds following alarm activation the horn will sound.
- Alarm horn will sound for four (4) minutes and then automatically reset, if not manually deactivated by moving the Control Switch to "OFF".
- Walk and Battery Test Lights will not function when detector is in "ARM" or "OFF" position.
- Be sure to return Control Switch to "OFF" position when detector is not in use. This prevents nuisance alarms from normal household movement.

Maintenance & Care

There is nothing in your intrusion detector to replace except the batteries. Since this is a precision-built electronic device, care should be taken not to hit or drop the detector. The cabinet of your unit is made of styrene plastic and does not require special treatment.

Place the Control Switch in the "TEST" position once each week to verify that batteries are operational.

Quality Assurance

Your Residential Intrusion Detector is tested under a rigid Quality Assurance Program. Multiple instrument checks are performed during assembly. Before leaving the factory, units undergo complete functional testing to assure proper performance under normal household conditions.

Remembering these Do's and Don'ts will assure many years of dependable use from your Residential Intrusion Detector.

DO

Remember to disarm the unit when not in use.

Place detector in horizontal position **only**.

Check Battery Test Light and detector operation weekly.

Perform Walk Test to determine exact area of coverage. (If you have pets, place detector in Test position and verify vertical coverage to eliminate nuisance alarms.)

Instruct everyone in the household on proper use of the detector.

Advise your immediate neighbors that you have a local alarm device and why. Cooperative neighborhood watch programs **can help decrease burglaries**.

DON'T

Forget to arm your unit when leaving, or retiring for the evening.

Point detector directly into sunlight, fire-place, heater or air conditioner, as this may cause unwanted alarms.

Spray furniture polish or cleaner directly into front grill or use harsh abrasives to clean your intrusion detector.

Set ashtrays on R.I.D. If cigarette should fall, it will mar the finish.

 **STATITROL[®]**

BETTER SECURITY PRODUCTS WORLDWIDE



EMERSON

STATITROL DIVISION
EMERSON ELECTRIC CO.
140 SOUTH UNION BOULEVARD
LAKEWOOD, COLORADO 80228
(303) 986-1581

1152-0003 Rev. A.