

REPLACEMENT PARTS LIST
NUTONE MODEL S-155
BUILT-IN FIRE ALARM SYSTEM

Schematic Symbol	NuTone Part No.	Description	Schematic Symbol	NuTone Part No.	Description
MODEL S-128 SMOKE/HEAT DETECTOR			L1	36070-000	Buzzer, Malfunction
	23231-000	Front Cover	L2	23158-000	Alarm Horn and Pick Up Coil, Complete Assembly
I1	23186-000	Pilot Lamp	L3	7761-000	Pick Up Coil Assembly
	23189-000	Retaining Screw, Front Cover	SW1	22560-000	Switch, SPST, Normally Open, Push, Momentary Contact, White, TEST
MODEL S-130 OUTSIDE HORN/FLASHING BEACON			SW2	22559-000	Switch, SPST, Normally Closed, Push, Momentary Contact, Black, RESET
	22509-000	Terminal Board Assembly	SW3	23154-000	Switch, DPDT, Slide, NORMAL SILENCE
	22492-000	Alarm Horn Assy. Complete		31023-000	Alternate for 23154-000
	22489-000	Lamp, Type 1141	T1	9964-000	Power Transformer, Primary 120Vac, 60 Hz., Secondary 16Vac, 30VA (NuTone 301-N)
	22490-000	Flasher, Heavy Duty	TB1	23153-000	Terminal Board, 8-Terminal
	22530-000	Lens, Amber	TB2	31028-000	Terminal Board, 2-Terminal, Intercom connections
	22531-000	Gasket, Lens Mounting		22556-000	Lampholder, POWER ON, MALFUNCTION
	22532-015	Bezel Lens and Gasket Mounting		23163-000	Guard, Lamp, Tubular
	22467-000	Lamp Holder Assembly		11151-000	Grommet, Spare lamp holder
	22468-000	Socket Assembly, Lamp		23164-000	Outlet Box Cover
	22469-000	Receptacle, Lamp		23168-000	Front Panel
	22533-064	Front Grille		23174-000	Lens, Amber, MALFUNCTION
	22483-000	Clip, Flasher Retaining		23175-000	Lens, Green, POWER ON
MODEL S-131 HI-INTENSITY INSIDE HORN				28185-000	Bushing, Snap, Black, for wiring port
	22509-000	Terminal Board Assembly	MODEL S-188 SMOKE DETECTOR		
	22492-000	Alarm Horn Assy. Complete		5005A-000	Front Cover
	22533-064	Front Grille		39373-000	Filter, Upper Side
MODEL S-155 CONTROL UNIT				39374-000	Filter, Lower Side
CR1	23156-000	Relay, DPST, Alarm Circuit Potter Brumfield #KU-4176		39375-000	Filter, top
CR2	23157-000	Relay, SPDT, Malfunction Circuit Potter Brumfield #KU-4177		5007A-000	Lamp, ON/OFF Indicator
D1, D2, D3, D4, D5, D6, D7, D8, D9	36549-000	Silicon Diode Rectifier, 1 Amp., 100 PIV, 1N4002		5008A-000	Connecting Plug and Wire Assembly
I1, I2	23162-000	Lamp, Indicator, POWER ON, MALFUNCTION, Type 456			

SCHEMATIC SYMBOL	NUTONE PART NO.	DESCRIPTION
C7, C8	35068-108	10 mfd. @ 6 WVDC, Electrolytic
	RESISTORS	(Value in Ohms, ± 10% Tolerance, 1/2 watt Carbon Composition. K=1,000; M=1,000,000)
R1	33101-151	150
R2, R13, R26	33101-681	680
R3	33101-100	10
R4	33101-271	270
R5, R10, R11	33101-102	1K
R6	33101-684	680K
R7	33101-105	1M
R8		(Not Used)
R9, R17, R19, R22	33101-103	10K
R12	33101-121	120
R14, R25, R28	33101-222	2.2K
R15, R30	33101-562	5.6K
R16, R18, R23	33101-104	100K
R20	33101-563	56K
R21	33101-473	47K
R24	33101-101	100
R27	33101-220	22
R29	33101-047	4.7
	33101-103	10 K (Supplied with Circuit Sentry Assy. Part No. 41358)
	DIODES	
D1, D7, D8, D9, D10	36549	1 amp., 100 PIV, 1N4002
D2, D3, D4, D5	36608	3 amp., 200 PIV
D6		(Not Used)
D11	36601	3.9 V Zener, 1N5228
D12		(Not Used)
D13, D15	36611	36 V Zener, 1N5258
D14	36594	6.2 V Zener, 1N5234
	SILICON CONTROL RECTIFIER	
SCR1	36507	2N5060
	TRANSISTORS	
TR1, TR2, TR3	36590	NPN Darlington, Planar Silicon, Motorola MPS A-13
TR6, TR8		
TR2, TR5, TR7	36580	NPN Low Noise, Planar Silicon Texas Inst. Corp. SK A 4220 Motorola SPS 1216 National Semi Conductor SMO 7329
TR9	36615	PNP Silicon, Motorola MPS A56
	RELAYS	
CR1, CR2	39180	DPDT: Coil 85 ohm; 12 Vdc; Pull in 5.5 Vdc @ 25°C; Contacts 5 amps; Maximum Continuous 19 Vdc. American Zettler Inc. #AZ 428-1011-4H
	SWITCHES	
SW1	34601	FIRE TEST: SPST; 1 amp. @ 125 Vac/dc; Spring Return, Normally Open
SW2	34610	INTRUDER OFF-TEST-ON: DP/3-Position; Double Wiper; .5 amp. @ 125 Vac/dc
SW3	34611	BATTERY TEST: SPST: 1 amp. @ 125 Vac/dc; Spring Return, Normally Closed
SW4	34603	RESET: DPDT; .5 amp. @ 125 Vac/dc; Spring Return

SCHEMATIC SYMBOL	NUTONE PART NO.	DESCRIPTION
	TRANSFORMERS	
T1	41356	Power, 120 V, 60 Hz. Primary Input; Secondary 16 V, 30 VA
	9999	Screw #6-32 x 2" Slotted Round Head, Transformer Mounting (2 required)
	29395	Locknut, #6-32 (2 required)
	14773	Standoff Bushing, Transformer Mounting (2 required)
	PILOT LIGHTS	
I1, I2	39176	FIRE circuit and INTRUDER circuit indicator; Complete Assembly includes Mounting Socket; (2 required)
	0475	Lamp, replacement for use in Pilot Light Assy.
	MISCELLANEOUS	
TB1	39266	Terminal Strip, Phenolic; seven #6-32 Screw Term.
	46234	Label, Terminal Strip
	41226	"A" Housing Assembly Complete
	20711	"A" Housing Installation Mounting Bracket
	41354	"B" Housing Assembly Complete
	41357	Front Panel Assembly Complete
	38101	Lens, Pilot Light, Amber Tenite
	46231	Label, System Wiring Diagram (located inside Front Panel)
	41358	Circuit Sentry Assembly Complete (Includes 10 Kohm resistor, Part No. 33101-103)
	MODEL S-170 EMERGENCY POWER/BATTERY CHARGER	
	39273	Charger, for 12 V. Gel/Cell Battery (NuTone Part No. 36083)
B1	36083	Battery, 12 V. rechargeable Gel/Cell type
F1	39278	Fuse, 4 amp., Type SFE-4
	39275	Fuse Clip, Holder for Type SFE-4 Fuse
M1	39276	Meter, 0-15 Fdc ± 5%, Assembly Complete including mounting bracket, nuts and washers
R1	33029	Resistor, 25 ohm ± 10%, 10 Watt, Wirewound
SW1	22560	Switch, BATTERY TEST: Single Pole, Momentary Spring Return, Normally OFF
	38433	Bracket, Switch (SW1) mounting
	39277	Bushing, Switch Bracket mounting
TB1	39274	Terminal Strip, XP Phenolic, two #6-32 screw terminals
	46257	Label, Output Terminals
	46258	Label, Internal Wiring
	46259	Label, Wiring Instructions
	41371	Battery Box Assembly
	38434	Outlet Box Cover
	38435	Cover