



# National Fire Equipment Ltd.

## SSM/SSV Series Alarm Bells

*System Sensor's SSM and SSV series bells are low current, high decibel notification appliances for use in fire and burglary systems or other signaling applications.*



### Features

- Approved for indoor and outdoor use
- Low current draw
- High dB output
- Available in six-inch, eight-inch, and ten-inch sizes
- AC and DC models
- DC models polarized for use with supervision circuitry
- Mount directly to standard four-inch square electrical box indoors
- SSM and SSV series pre-wired

**Reliable Performance.** The SSM and SSV series provide loud resonant tones. The SSM series operates on 24VDC and are motor driven, while the SSV series operates on 120VAC utilizing a vibrating mechanism.

**Simplified Installation.** For indoor use, the SSM and SSV series mount to a standard four-inch square electrical box. For outdoor applications, weatherproof back box, model number 02-454-00, is used.

The SSM and SSV series come pre-wired, to reduce installation time. The SSM series incorporates a polarized electrical design for use with supervision circuitry



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Equipment Ltd.

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Toll Free: (800) 267-8508

OTTAWA: (613) 723-6071

VANCOUVER: (604) 420-1131  
Toll Free: (800)-667-2138

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CALGARY: (403) 236-5661

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## SSM/SSV Specifications

### Architectural/Engineering Specifications

Model shall be a SSM or SSV Series alarm bell. Bells shall have underdome strikers and operating mechanisms. Gongs on said bells shall be no smaller than nominal 6" 7/8" 10" (specify size) with an operating voltage of 24VDC or 120VAC (specify by part number). Bells shall be suitable for surface or semi-flush mounting. Outdoor surface mounted installations shall be weatherproof (using optional 02-454-00 weatherproof electrical box). Otherwise bells shall mount to a standard 4" square electrical box having a maximum projection of 2 1/2". Bells shall be located as shown on the drawings or as determined by the Authority Having Jurisdiction. Bells shall be listed for indoor/outdoor use by Underwriters Laboratories of Canada.

Standard Specifications	
Operating Temperature Range	-35°C to 60°C
Operating Voltage SSM series:	24 VDC
SSV series:	120 VAC
Termination	Provided with 2 sets of leads for in/out wiring
Service Use	Fire Alarm, General Signaling, Burglar Alarm
Warranty	3 years

Standard Specifications					
Model	Gong Diameter (inches)	Nominal Voltage	Operating Voltage Limit	Maximum Current	*Sound Output (dBA)
SSM24-6A	6	Regulated 24VDC	16 to 33VDC	45mA	92
SSM24-8A	8	Regulated 24VDC	16 to 33VDC	45mA	98
SSM24-10A	10	Regulated 24VDC	16 to 33VDC	45mA	97
SSM120-6A	6	Regulated 120VAC	96 to 132VAC	53mA	93
SSM120-8A	8	Regulated 120VAC	96 to 132VAC	53mA	98
SSM120-10A	10	Regulated 120VAC	96 to 132VAC	53mA	97

\*Sound output measured in anechoic room.

Ordering Information	
Model	Description
SSM24-6A	Bell, 6", 24VDC, Polarized
SSM24-8A	Bell, 8", 24VDC, Polarized
SSM24-10A	Bell, 10", 24VDC, Polarized
SSV120-6A	Bell, 6", 120VAC
SSV120-8A	Bell, 8", 120VAC
SSV120-10A	Bell, 10", 120VAC
02-454-00	Weatherproof back box for SSM and SSV series, when installed outdoors



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