

PHOTOELECTRIC SMOKE & CARBON MONOXIDE ALARM

BRK®



CAT. **SC7016BTCA** Zero Waste Edition

120V AC, Wire-in with AA Battery Backup

ELECTROCHEMICAL CO SENSOR

Most accurate technology available for detecting carbon monoxide as compared to other sensing technologies.

PHOTOELECTRIC

Photoelectric technology is generally more sensitive at detecting large particles, which tend to be produced in greater amounts by smoldering fires. Drastically reduces the most common causes of nuisance alarms when placed near kitchens and bathrooms.

END OF LIFE SIGNAL

Provides audible notice when alarm needs to be replaced.

SPREAD SPECTRUM HORN TONE

Easier for elderly with normal age related hearing loss to hear the horn.

TWO LATCHING FEATURES

Alarm Latch: Easily identifies initiating alarm even after alarm condition has subsided. Low Battery Latch: Identifies which unit is in low battery condition.

LOUD 85DB ALARM



1 BUY IT
Buy this **NEW** alarm and we will recycle your **OLD** alarm.

2 INSTALL IT
Install your **NEW** alarm.

3 RECYCLE IT
Place your **OLD** alarm in this package and drop it off at a depot near you.
For depot locations: firstalert.ca/depots

**HELP CREATE
A GREENER
WORLD**

A green recycling symbol consisting of three chasing arrows forming a triangle.

The BRK Zero Waste program is a 360 degree solution allowing over 300,000 lbs of alarm waste to be diverted from Canadian landfills annually. When a consumer purchases the SC7016BTCA alarm they may take their old unit in the zero waste box and drop it off at a BRK® registered **ZERO WASTE DEPOT** for the unit to be recycled into new products.

NO ADDED COSTS - NO ECO FEES



Model SC7010BA

CAT. **SC7016BTCA**
Zero Waste Edition



ARCHITECTURAL AND ENGINEERING SPECS:

The combination smoke and carbon monoxide alarm shall be a BRK Model SC7016BTCA and shall provide at a minimum the following features and functions:

1. A photoelectric smoke sensing chamber and an electrochemical CO sensor.
2. Powered by 120V AC, 60Hz and have a monitored AA battery backup and a solid state piezo horn rated at 85dB at 10 ft. and shall be capable of self restoring. The horn shall have a lower and varying horn frequency to make it easier for the elderly with normal age related hearing loss to better hear the horn.
3. The unit shall have an "End of Life" signal. This signal should be capable of temporarily being silenced for up to 2 days. After about 2 days, the signal will resume. After about 2-3 weeks the signal cannot be silenced.
4. A visual power-on indicator to confirm unit is receiving AC power or has switched to battery backup mode. Separate LED 's to indicate a smoke or CO alarm.
5. The CO sensor is adjusted not to detect CO levels below 30 PPM and will not alarm when exposed to constant levels of 30 PPM for 30 days. It will alarm at the following levels: 400 PPM CO between 4 and 15 minutes, 150 PPM CO between 10 and 50 minutes and 70 PPM CO between 60 and 240 minutes.
6. Two Latching features: Alarm Latch to easily identify initiating alarm after alarm condition has subsided. Low battery latch: to visually identify which unit is in low battery condition.
7. Two Silence Features: Alarm Silence to temporarily silence nuisance alarms. Low battery Silence to silence low battery chirp for up to 8 hours.
7. Two Locking features - tamper resistant locking pins that lock battery drawer and/or alarm to mounting bracket.
8. The unit shall be capable of operating between 40°F (4.4°C) and 100°F (38°C) and relative humidity between 10% and 95%.
9. The unit shall have a plug in connector and be capable of interconnection of up to 18 alarms, 12 of which can be smoke alarms.

The unit must have a Manufacturers Extended Producer Responsibility ("EPR") program attached, that allows the return and recycling of any smoke or Carbon Monoxide alarm being replaced by installation of The BRK model. This EPR program must meet Provincial Guidelines for the Handling and Recycling of all materials involved, and must be at no added cost to the end-user or taxpayer as a result.

TECHNICAL SPECS:

Alarm Dimensions:	5.0" dia x 2.0"H
Colour:	White
Warranty:	7 Years
Operating Voltage:	120V AC 60Hz, 2 AA battery backup
Sensor :	Photoelectric & CO Electrochemical
Operating Temp Range:	4.4° C - 38° C
Humidity:	10% to 90% relative humidity (RH)
Audio Alarm:	85dB at 10 ft
Listing:	cETL- ULC-S531/ CSA 6.19

SHIPPING SPECS:

Individual Box Dimensions	5.1"H x 2.4"W x 5.1"L
Cube	62.38 in ³
UPC	0 29054 010421

Master Carton Dimensions	10.8"H x 7.8"W x 10.6"L
Master Pack	12
Weight	0.482 lb
Cube	0.526 ft ³
Case UPC	200 29054 01042 5

Pallet Information

Cases per Layer	22
Number of layers	4
Cases per Pallet	1056
Cube	52.7 ft ³
Weight	107.39 lb



NO ECO FEES



WASTE DIVERSION



7 YEAR WARRANTY

To find a depot near you visit:
www.brk.ca/depots or www.firstalert.ca/depots