WATCHMAN FAQ's

1. What quantity and type of batteries are required in the battery units?

   Battery Type: C Size Alkaline Batteries
   Quantity: eight batteries per unit, customer supplied

2. How long will battery unit last with normal usage

   Alkaline batteries will operate the Watchman for well over 1 year, generally in excess of two years, in normal operation. Normal operation would be between two and five activations per month.

3. How does the user know when the batteries need to be changed?

   The Watchman alarm "chirps" every 5 minutes to provide a "Low Battery Alarm" when battery voltage is low.

4. How loud is the alarm?

   Alarm Device Rating: 105 DB

5. How long do the lights flash and the alarm sound on activation?

   The Watchman can be ordered with either a 4-second or an 8-second alarm period.

6. Can the user change the alarm period?

   Yes…the customer can move to the other setting by moving a jumper on the circuit board. This requires removing one of the end caps.

7. Can the Watchman output a dry contact on alarm?

   The Watchman provides a normally open (N/O) dry contact relay on activation. When alarmed the relay closes for 100 MSEC.

8. Why is a dry contact output provided?

   The dry contact is provided in case the user wants to signal another device on activation. Such devices might include a sign, a message board, a louder alarm, a light in an office, etc.

9. Is it hard to change the batteries?

   Changing batteries is easy. Simply remove the one retaining screw holding the end cap in place, remove the end cap and battery pack, replace the batteries, slide on the end cap and reinsert the screw. The entire process takes only minutes.

10. Tube material and thickness

The tube material is ABS plastic; the tube thickness is 1/8" wall, or .125"

11. Why is ABS plastic used

The 2008 Watchman version uses a specially designed tube made from ABS plastic. Unlike PVC, ABS plastic is resistant to cracking, chipping and breaking. PVC tends to become very brittle over time.

12. What is the operating temperature range?

The operating temperature range is -15 to 140 F.

(Note: Temperature extremes may affect the life of batteries and electronics)

13. Can the Watchman be used outdoors?

The standard Watchman can be in a condensation range of 0 – 95% humidity, non-condensing. The Watchman can be weatherized for use outdoors for an additional cost.