

STERALERT™

LAMP STATUS ALARM, MODEL 30-0090

The Atlantic Ultraviolet Corporation STERALERT™, Model 30-0090 is an economic lamp status alarm which will produce a high-pitched pulsed tone when a water purifier has stopped working due to power failure or lamp failure.

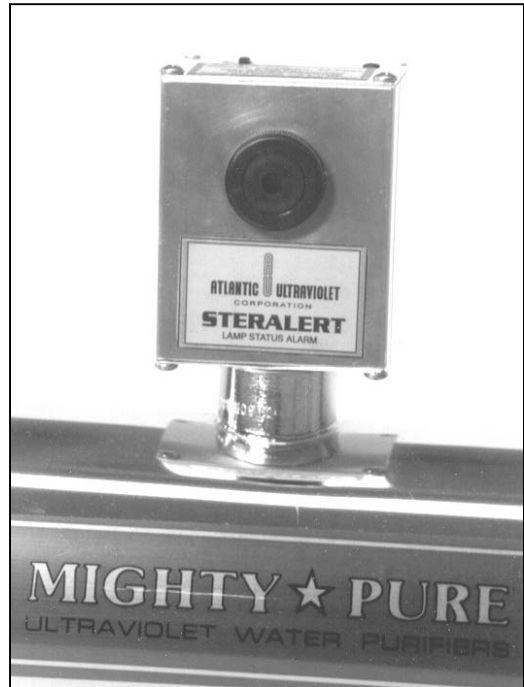
The unit is a battery operated device, to be placed on top of the sight port of a water purifier and to monitor the visible light output. Because it is battery operated, it will also indicate a lamp failure when the AC power to the lamp is removed.

A photoelectric sensor detects the presence of the visible light emitted through the sight port of the water purifier and activates an audible sounder when that light level has fallen below a certain level. The audible sound consists of a high frequency tone which is pulsed at two or three cycles per second.

The internal battery is a 9-volt Alkaline, which will last more than a year with normal operation. A power supply adapter is supplied as an optional extra. The adapter allows operating power to be supplied from the building supply, but allows the unit to transfer to battery in the event of an AC failure. It gives somewhat more output from the sounder and ensures that the internal battery will not have to deliver any power except for an occasional AC 'brown-out'.

To ensure successful operation it is recommended that the STERALERT™ is tested frequently. To test the unit, remove it from the top of the sight port and cover up the large hole in the base of the unit. If the sounder does not operate, or if it is very weak, then the battery will need to be replaced. The battery can be changed after removal of four screws on the cover.

The STERALERT™ does not measure the ultraviolet output level of the water purifier and for an accurate measurement of the ultraviolet intensity; the GUARDIAN™ monitor should be used.



SPECIFICATIONS:

Voltage:	9 VDC
MicroAmps (Normal operation):	9
Milliamps (Lamp off):	15
Battery required:	9-volt Alkaline
Size:	3 1/4" H x 2 1/2" W x 2" D
Weight:	6 oz (170 gm)
Audible output:	85 dbs @ 2 ft.
Pulse rate (Approx.)	3 pulses/Second
Tone Frequency:	3500 hz
Optional Power Adapter:	35-0151

ATLANTIC  **ULTRAVIOLET**
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