

STETZERIZER[®] Radio Frequency Filters

INSTALLATION INSTRUCTIONS

1. The first step is to place 2 filters in the outlets that have any of the following (or use the STETZERIZER[®] surge protector with 2 filters built in): **personal computer, laptop, inkjet printer, fax machine, personal home office copier, entertainment center (TV, VCR, DVD, Stereo, etc.).** Three filters should be installed in power strips which have a **laser printer and/or a large office copier.**
2. Next you will go around your house systematically checking every outlet in the following manner. Plug in your STETZERIZER[®] RF Meter and look at the reading (see figure 1). You want the reading to be 30 or under. If the reading is above 30, plug in 1 filter (see figure 2) and then take another reading (see figure 3). Continue around the house, going to each outlet and repeating the same procedure: plug in meter and take a reading; if too high add a filter and watch reading. If 30 or below you don't need filter. If it's above 30 you need to plug in a filter.

If you already have electrical devices plugged into both receptacles in your outlet, you will need a surge protector with multiple receptacles so you can plug in both the meter and the filter. You need to take the meter reading with the devices that are normally plugged into that outlet.

3. Compare your readings with the chart below. While 30 is the minimum, the best long term results will come if you can achieve under 20. Don't be concerned yet if the reading you get after the filter is added is not quite to the desired level. Make a note of the outlet and after the whole house has be filtered, go back to that outlet and remeasure. Add an extra filter if needed.

Reading (Meter)	Condition	Recommended Action
Less than 20	Ideal	Monitor Weekly
20 to 30	Acceptable	Monitor Weekly
More than 30	Unacceptable	Install Additional Filters

4. The ideal time to install your filters is in the early evening. This is when most people are at home and computers and other electronic equipment will be activated. Your neighbors can affect your RF readings, as the electrical grid is somewhat interrelated. Make sure you do your weekly checks at different times of the day to make sure you have enough filters to achieve at least the acceptable level.



Figure 1



Figure 2



Figure 3