



Thank you for trusting Fagan Door with your garage door and garage door opener needs. We are committed to helping you keep your garage door system running smoothly by sharing with you tips and tricks that will help save you time and money.

In this first issue of our newsletter we will discuss the importance of surge protection, not only for your garage door opener, but for all of your home

electronics. A small investment in surge protection goes a long way when you consider the cost to repair or replace equipment that gets damaged by a power surge.

I hope that you find the information in this newsletter useful. All of us here at Fagan Door would like to extend our wishes to you and your family for a joyous, safe, and healthy holiday season.

All the best,

Diane Fagan

What I like best about my position here is when I open letters from happy customers expressing their satisfaction with our products and service. Here is an excerpt from one such customer:

"The installer was friendly and did a great job. He explained everything to us and was done and cleaned up in no time. This is by far the best garage door that we have ever owned. Thanks for your great service and an amazing product. I would recommend Fagan to anyone."

Why is surge protection important?

Surge protection is important because even small surges or spikes can eventually destroy or affect the performance of electronic equipment such as garage door openers, televisions and computers

Damage can occur instantaneously or over time, as small surges gradually degrade internal circuitry. The common use of microprocessors (chips) in home electronics increases the need for surge protection because these chips are very sensitive to voltage fluctuations.

What causes surges and spikes?

Surges and spikes are increases in "normal" electrical line voltage, often caused by a change in demand for electricity, such as when a large appliance is switched on. A



surge typically measures less than 500 volts and lasts less than two seconds. A spike is much shorter in duration - less than one-thousandth of a second- but can measure into the thousands of volts. Either type of disturbance can damage electronic equipment beyond repair. Other causes of surges and spikes include turbulent weather and electric company maintenance.



How do surge protectors work?

Surge protectors act like a sponge, absorbing dangerous excess voltage and preventing most of it from reaching electronic equipment. Like a sponge, surge protectors have a limited capacity to absorb. Once the capacity is reached, the unit is no longer able to protect and should be replaced.