

## Why do I need Power Protection?

The power used in offices is utility grade power, originally designed to run motors and generators, and power lights; not run today's sensitive microprocessor-based electronic office equipment.

## I already have a Service Agreement, why should I Buy a Power Filter?

Your Service Agreement does not cover catastrophic events as they relates to electrical disturbances. When you connect an ESP Power Filter to your equipment, that device is automatically covered for damage due to abnormal electrical conditions. If your ESP Power Filter fails to protect your properly connected equipment, ESP's Extended Protection Guarantee covers the full-replacement value of the machine. You don't have to worry about increased insurance premiums due to claims, you don't have to worry about deductibles, and there is no need to wait for a manufacturer's quote, or wait for an insurance adjuster to inspect the damage.

## What can dirty power do to my office equipment?

Unprotected office equipment is susceptible to electrical surges, spikes, and noise - all of which cause performance problems.

## How can ESP Power Filters Help

- ❑ ESP Power Filters help Copiers and Printers to run at maximum efficiency, so your office can be more productive
- ❑ ESP Power Filters increase Copier and Printer uptime, so your machines are ready - when you're ready
- ❑ ESP Power Filters help protect important data from getting lost
- ❑ ESP Power Filters extend equipment life, so you don't have to lose time waiting for service to come to your office
- ❑ ESP Power Filters increase machine reliability

## Why ESP?

ESP Power Filters employ a three-step, multi-stage, patented process, providing the best possible clamping, response time, and energy dissipation, which results in superior equipment protection.

## What if the Power Filter Fails and my Equipment is Damaged?

Every Power Filter is backed by a written no time limit, no questions asked, full-replacement warranty from ESP. If the Filter fails to protect your equipment against electrical surges, spikes, or ground noise while directly and properly connected to an ESP power protection product, ESP will repair or replace that equipment.

## I already have a Surge Protector, why do I need a Power Filter?

A consumer grade surge protector, or surge strip is designed to protect connected equipment against hardware damage, often by sacrificing itself. With some Surge Protectors, the lighting strike is so fast, it passes right through the device, leaving the device intact, but damaging the connected equipment. When the technician comes to your office to see what happened, the Surge Protector's light is still green, so the technician doesn't know that an electrical event occurred.

ESP Power Filters are designed to protect your equipment from the damaging effects of nearby lightning and thunderstorms. The maximum voltage at an indoor outlet is 6000-Volts. ESP products utilize hardened suppression technology capable of withstanding anything coming down normal building wiring. Your office machines will not only be protected from damage, as long as the power is on, but protected against operational disruption as well. ESP Power Filters are designed to withstand thousands and thousands of 6000-Volt surges, while continually providing optimal power protection.

## What is Noise and Why Should I Care?

Electrical noise is the presence of any voltage at a frequency other than the operating frequency of the equipment.

In many environments, noise tends to be intermittent, and occurs when an air conditioner is turned off or on or when an elevator operates. In a factory environment, or in a job-site trailer, noise may always be present. High Frequency Voltage (noise), causes errors in microprocessor controlled circuits like those in Copier and Printers. These errors cause "0"s and "1"s to get mixed-up, causing logic lockups, phantom error codes, misfeeds, board failures, software corruption, lost print files, paper jams, and unnecessary machine downtime – causing you lost productivity.

## Why is it important to protect the Fax Line and the Network Lines?

Any electrical connection to your equipment is a pathway for high-speed transients and high-frequency noise into your sensitive microprocessor based equipment. ESP Network and Phone Options incorporate patented circuitry specifically engineered to coordinate with the unique requirements of communication lines. In addition, the ESP Digital QC is Cat5e Certified, which is today's Network approved standard & recommended minimum.