



## ZION VOLTAGE PROTECTOR

### Introduction

Thank you for purchasing a Forza **FVP-4402B** - Voltage Protector. To enjoy all the features and benefits of this unit, please read and follow all installation and operation instructions thoroughly before unpacking, installing or operating this device.

### Overview

The newly introduced Forza FVP Series features a unique innovation in the industry: allows a 350° rotation to easily accommodate and position all your components without obstructing other available receptacles. The handy on/off switch also helps reduce standby power consumption. Most importantly, the FVP Voltage Protector will automatically guard your equipment against brownouts or transient spikes induced by lighting or power line failure.

### Installation

1. Set up the delay timer (see table below).
2. Turn off the device you want to protect, and unplug it.
3. Plug the device to the Zion protector.
4. Plug the Zion protector into an electrical outlet with a ground pin. Turn the protector on and make sure that the LED indicator lights up initially in the stand-by mode.
5. Once the delay time has elapsed, the indicator light will remain green and your device will be energized and protected.
6. To switch off the protector, press and hold the power button for 3 seconds.

### Indicator

#### ALL 3 LEDS LIGHT GREEN

- Low Input Delay (15 seconds) / under 180V AC: lights up continuously under low input voltage.
- Normal Input delay (30 sec): lights up continuously under normal voltage.
- High Input Delay (3 min or 180 sec)/ over 280V AC: lights up continuously under high voltage.

*Note: power output will be cut off when the input voltage falls below or rises above the specified input limits.*

The three LEDs blink when the voltage protector is in the off-mode. When either LED indicator is blinking, it means that the voltage protector is completing the startup procedure under normal utility voltage conditions. After the selected delay time (15sec, 30sec, or 3min) expires, the voltage protector will return to normal mode of operation, and the middle indicator LED will light up continuously. The voltage protector will now be protecting all your connected devices.

### Recommended uses/delay times

15 seconds	30 seconds	3 min (180 seconds)
ELECTRIC RANGE	FREEZER	AIR CONDITIONER 36000BTU
DOMESTIC REFRIGERATOR	COMMERCIAL REFRIGERATOR	PORTABLE AIR CONDITIONER
WATER COOLER	ICE MAKER	SPLIT AIR CONDITIONING SYSTEM
MULTIFUNCTION PRINTER		
ELECTRIC DRYER		

### WARNING:

The Zion will protect all devices up to 3300 watts; please read device specifications to avoid any damage to the unit. For example, refrigerators, freezers and AC not over 3300 watts.

### Technical specifications

<b>General</b>	Capacity	4400W
	BTU	36000BTU
<b>Input</b>	Voltage	220V
	Voltage range	180-268VAC
	Frequency	50/60Hz (autosensing)
	Load capacity	15A
	Joules	1200J
	Max spike current	18000A
	AC plug style	NEMA 6-15P
	AC plug feature	350 degree rotation
<b>Output</b>	Outlets	One (NEMA 6-15R)
	Voltage range	180-268VAC
	Frequency	50/60Hz
	Delay timer	15sec-30sec-3min
<b>Visual indicators</b>	LEDs	3
	Power ON	Green
	Overvoltage protection	Green
	Undervoltage protection	Green
	Reconnect time delay	Green (blinking)
<b>Physical appearance</b>	Switch	Push button
	Housing	ABS plastic (flame retardant)
	Dimensions	4.3x2x3in
	Weight	0.3lb
<b>Additional information</b>	Warranty	2 years