



- Important safety instructions
- Introduction
- Features

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- Installation and operation
- Technical specifications
- Troubleshooting guide

Important safety instructions (save this sheet)

CAUTION!

- Failure to follow these safety instructions may cause fatal or serious injury, and also equipment damage.
- Risk of electric shock. Disconnection of AC sources is required to de-energize this unit before servicing.
- Risk of electric shock. Do not remove cover. The unit contains no user-serviceable parts; do not attempt to disassemble the unit. Only factory service technicians can perform maintenance on the unit.
- To reduce the risk of fire, replace blown fuses only with another with the same rating.

Overview

Forza Automatic Voltage Regulator (also known as line conditioner) is the reliable solution that provides the right protection for your equipment against overvoltages, undervoltages and severe brownouts. In addition to its excellent stabilization capability, the FVR automatically corrects transient voltage fluctuations and filters out electrical noise to provide "clean", regulated AC power. Forza's FVR-2202A is the perfect choice to enhance performance and safeguard your valuable components.

- Automatic Voltage Regulation (AVR)

- Instantaneously switches to correct output voltage by closely tracking the input voltage
- Convenient LEDs provide status indication of the unit
- Phone and data line protection
- Delay timer included
- Advanced temperature protection disconnects power when temperature is dangerously high
- Overload protection circuit breaker
- Fire-retardant plastic construction

El regulador de voltaje en un ambiente protegido, donde el aire acondicionado es un contaminante conductor. No opere el VAV en un ambiente no contaminado.

De no observar las medidas de seguridad recomendadas, puede correr el riesgo de sufrir lesiones serias o fatales, además de dañar la unidad. Riesgo de descarga eléctrica. Debe desconectar la fuente de alimentación antes de realizar cualquier trabajo de reparación. Nunca retire la cubierta. No contiene ninguna pieza que pueda ser repada por el usuario, jamás. No se permite abrir el regulador. Todo trabajo de reparación debe ser realizado solamente por técnicos autorizados. Para disminuir el peligro de incendio, reemplace los fusibles fundidos por otros de la misma capacidad.

Medidas de seguridad importantes (Guarde esta hoja)

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El objeto de aprovechar todas las características y ventajas de este regulador Automático de Voltaje F-VH-2202A de Forza. Dispositivo acondicionador de línea, haga el favor de leer y observar todas las instrucciones relativas a su instalación y funcionamiento antes de desempacar, conectar y comenzar a utilizar la unidad.

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Regulador Automático de Voltaje FVR-2202A

Automatic Voltage Regulator FVR-2202A

MPN	FVR-2202A
General	
Capacity	2200VA/1100W
Input	
Voltage	220V
Voltage range	172-276VAC
Frequency	50/60Hz (autosensing)
Joules	320J
Max. spike current	4550A
AC plug style	IRAM (Argentina Type I)
Output	
Outlets	6 IRAM (Argentina Type I)
Voltage range	207-252VAC
Frequency	50/60Hz
Delay timer	2sec-10sec-30sec
Regulation steps	3
Overload protection	Thermofuse
Data protection	
Network protection	RJ-45
Phone/modem/fax protection	RJ-11
Joules	27J
Voltage regulation	
Voltage regulation	220V
Boost I	208VAC
Boost II	188VAC
Buck	242VAC
Visual indicators	
LEDs	4
Power on	Green
Boost	Green
Buck	Green
Overheat/Cut-Off	Red
Environment	
Operating temperature	32-104°F
Storage temperature	5-113°F
Relative humidity	0-95% non-condensing
Audible noise	<40dB at one meter
Physical appearance	
Switch	Resettable switch
Housing	Flame retardant plastic
Color	Black
Cord length	3.9ft
Dimensions (LxWxH)	7x5.8x4.5in
Weight	5.1lb
Additional information	
Warranty	Two years

When the Forza AVR is not working normally, please refer to the following troubleshooting table for solving installation or operation problems.

Symptom	Possible cause	Solution
AVR shuts down after a few seconds and is circuit breaker protected	1. AVR output is short-circuited 2. Overload	Remove the least critical load and reset breaker
The AVR fails to turn on and no LED lights up	Utility power exceeds voltage rating	Verify that the voltage matches the AVR capability specified in the specifications
The red LED is on but there is no output	The unit is overheated or overloaded	Verify that the load matches the AVR capability specified in the specifications. If the unit is overheated, wait until the unit cools down before using it again within the rated load.

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Especificaciones técnicas

Regulador Automático de Voltagem

