



ARIZOR 4150

Designed to protect your Inverter AC

INSTALLATION MANUAL

**ELECTRONIC VOLTAGE
STABILIZER FOR
AIR CONDITIONER**

Congratulations on owning a product that is not just thoughtfully designed, but also the most advanced in its category, without a doubt. Every Stabilizer is inspected and tested thoroughly before leaving our premises. We undertake to repair this unit. FREE OF CHARGE for a period of 36 months from the date of purchase, if any defect in material or workmanship occurs. This undertaking does not extend to any equipment for which the voltage Stabilizer is connected.

MODEL	CAPACITY	APPLICATION
ARIZOR 4150	12 AMPERE	ONE INVERTER AC UP TO 1.5 TON

The most up-to-date design and manufacturing standards make this an ideal guard to your equipment from voltage fluctuations. This unit can withstand up to 320V AC input. Please ensure that excess voltage beyond this level is not fed to the Stabilizer, which can cause serious damage to the Stabilizer and connected equipment, in which case this warranty will have no application. This Stabilizer is designed to work up to 50°C ambient temperature. Surge or spike protection is not provided in this Stabilizer.

Please follow these simple instructions carefully:

This stabilizer is provided with digital display, normally shows input and output voltages intermittently. When the display shows i/p voltage or o/p voltage, the Stabilizer is feeding normal voltage to your connected equipment. If the display shows 'dLy' or 'Ht-' then the Stabilizer is in restart time delay or High temperature cut-off condition respectively.

Condition	Display Indication	Output Voltage
Normal Input & Output Voltage	IP- (Shows Input Voltage)	Available
	OP-(Shows Output Voltage)*	
Low/High Voltage Cut-off	Lo/Hi	Not Available
High Temperature Cut-off	Ht-	
Time Delay	dLy	
Thermal Sensor Error	ntc	
Output Voltage Error	OHi	
*** Overload Cut-off /No Mains Input	<i>No Display</i>	

This Stabilizer is provided with an "Intelligent Time Delay System". Initially when the Stabilizer being in OFF condition for more than three minutes, is switched ON within the initial time delay of 3-5 seconds. If the power supply fails and comes back within three minutes, there will be a time delay depending upon the period of absence of power. If power failure lasts for more than three minutes, the Stabilizer will be switched ON automatically at the arrival of the power. This affords proper balancing time for the compressor before restart.

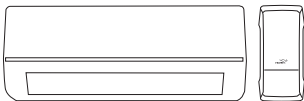

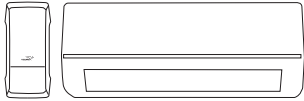

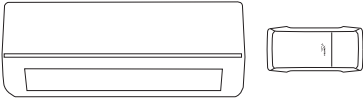

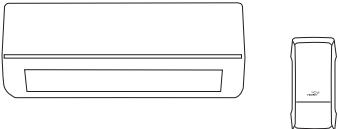

If the line voltage below 140V or above 280V the Stabilizer will not give output voltage and the display shows 'Lo' & 'Hi' respectively. In few places it is likely that voltage remains very low during peak hours of power consumption (between 6 p.m. and 9 p.m.). Hence Stabilizer may be in cut-off condition, if the line voltage is below 140V. When the line voltage comes to the working range, the Stabilizer will give output automatically.

***This stabilizer is provided with thermal overload protection feature. When the internal temperature rise of the product exceeds the pre-set limit due to overloading or misbehaviour of connected equipment the protection acts, and stabilizer goes to OFF hence Digital display indications will be in OFF condition. Confirm the connected load draws not more than the rated current of this stabilizer and wait for 10-15 min to restart the stabilizer automatically.

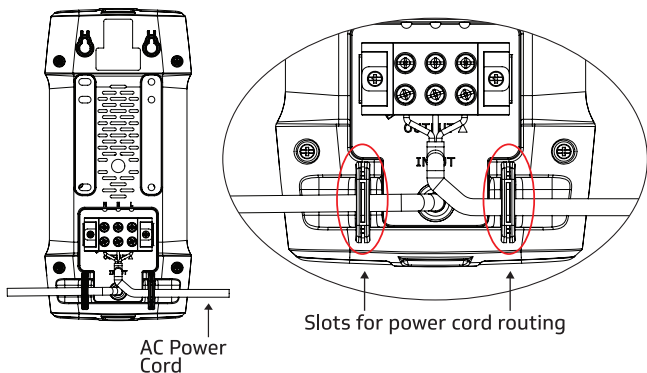
Switch off stabilizer when AC is not in use.

INSTALLATION PROCEDURE

1. ARIZOR 4150 Stabilizer is recommended for indoor use only.
2. Its recommended to mount the Stabilizer in vertical direction and in line with the Air Conditioner as shown below.

	<p>RECOMMENDED</p> 
	
	<p>NOT RECOMMENDED</p> 
	

3. Locate a place on the wall that satisfies the point No: 2
4. Mount the stabilizer on the wall as per the guidelines in the marking sheet.
5. Connect the Air Conditioner power cord to the Stabilizer output connector. For a better mounting of the Stabilizer in wall, Air Conditioner power cord should be routed through either of the dedicated slots provided in the cabinet as shown below.



6. Ensure the mains supply is in switched OFF position and then connect the Stabilizer power cord to the supply mains. Please be sure that there is no loose connection and proper earthing is provided.
7. Do not cover the Stabilizer with cloth or any other material and be sure that proper ventilation is provided for Stabilizer.
8. Now you can switch ON the mains, first the product version and then “dLy” (time delay) indication will be displayed. Stabilizer will be turned ON automatically after the respective time delay and will start displaying the Stabilizer input and output voltage alternately.



V-Guard Industries Ltd. ,

Registered Office: 42/962,

Vennala High School Road,

Vennala, Kochi - 682 028, Kerala.

Ph: 0484-2005000, 4335000

SCAN TO AVAIL THE
**DIGITAL
WARRANTY**
BY REGISTERING YOUR
PRODUCT ONLINE



V-Guard Care
0120 485 0100
1860 180 3000
customer@vguard.in
☎ 9633503333



www.vguard.in/home/customer-care

CIN: L31200KL1996PLC010010