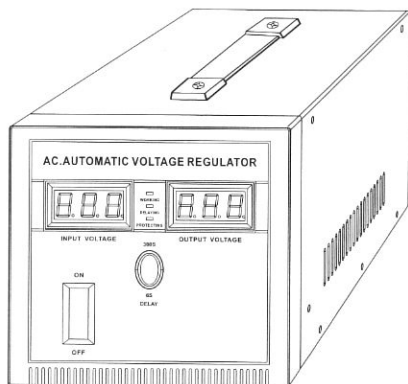


INSTRUCTION MANUAL

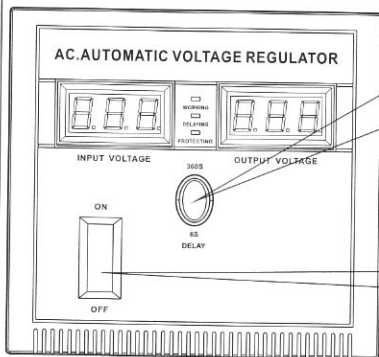


MODEL: MDR-500VA MDR-1000VA MDR-1500VA MDR-2000VA MDR-3000VA MDR-5000VA

AC. AUTOMATIC VOLTAGE REGULATOR



Australian distributors:
Fisher Biotec Australia
free call: 1800 066 077
email: info@fisherbiotec.com
web: www.fisherbiotec.com



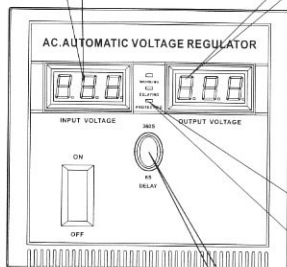
IF THIS REGULATOR IS USE FOR REFRIGERANT APPLIANCE, PLEASE SELECT "DELAY" , SO AS TO DECREASE THE OPPORTUNITY OF DAMAGE THE MOTOR COMPRESSOR. IF NOT, PLEASE SELECT "UNDELAY" .

THIS IS THE GENERAL POWER SWITCH OF THE REGULATOR. IF THE LOAD CURRENT GO BEYOND THE POWER SWITCH WILL AUTOMATICALLY SHUT OFF. SOLUTION: REDUCE THE LOAD CURRENT THEN SET THE POWER SWITCH TO "ON" .

Model: MDR-500VA MDR-1000VA
MDR-1500VA MDR-2000VA

SHOWS THE INPUT VOLTAGE.

SHOWS THE OUTPUT VOLTAGE.



☐ WORKING

WHEN THE WORKING INDICATOR IS LIGHTING, THE REGULATOR IS WORKING.

☐ DELAYING

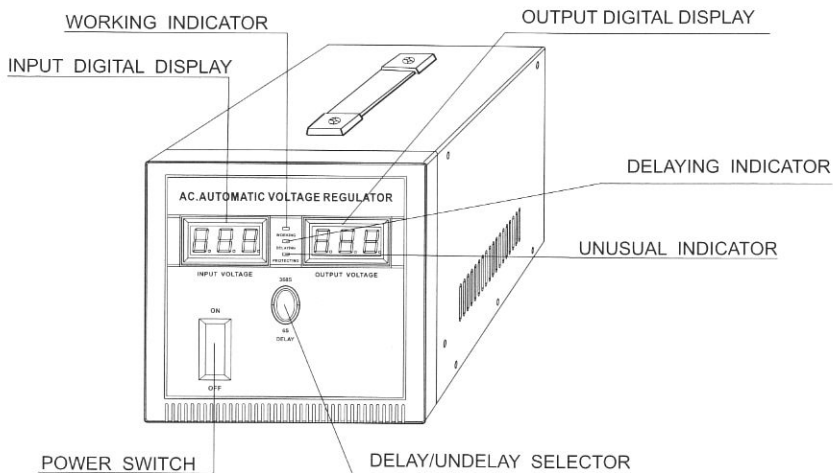
WHEN THE DELAY INDICATOR IS TWINKLING, THE DELAY CIRCUIT IS WORKING AND THE REGULATOR HAS NO OUTPUT. WHEN THE DELAY INDICATOR GO OFF, THE DELAY CIRCUIT IS OFF, AND THE REGULATOR RESUME OUTPUT.

☐ PROTECTING

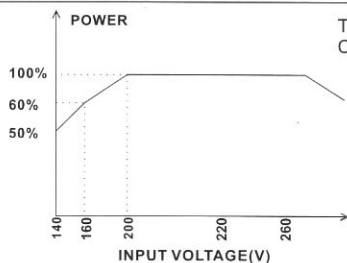
WHEN THE UNUSUAL INDICATOR IS LIGHTING, THE OUTPUT VOLTAGE IS OVER THE HIGH PROTECT VOLTAGE, THE PROTECTIVE CIRCUIT WILL START AND THE REGULATOR HAS NO OUTPUT, WHEN THE OUTPUT VOLTAGE IS UNDER THE HIGH PROTECT VOLTAGE, OR OVER THE LOW PROTECT VOLTAGE, THE REGULATOR WILL AUTOMATICALLY RESUME OUTPUT.

Model: MDR-3000VA
MDR-5000VA

IF THIS REGULATOR IS USE FOR REFRIGERANT APPLIANCE, PLEASE SELECT "DELAY 180S", SO AS TO DECREASE THE OPPORTUNITY OF DAMAGE THEMOTOR COMPRESSOR. IF NOT, PLEASE SELECT "DELAY 6S".

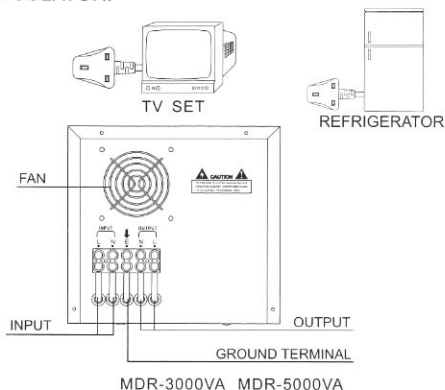
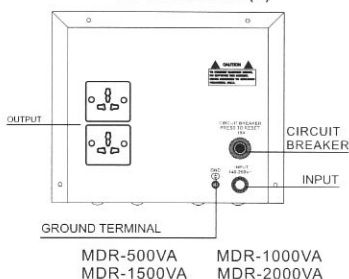


Model: MDR-500VA MDR-1000VA
MDR-1500VA MDR-2000VA



THE REGULATOR'S MAXIMUM OUTPUT POWER WILL CHANGE AS THE CURVE SHOWN BELOW.

MAKE SURE THAT THE TOTAL LOAD POWER DOES NOT EXCEED THE LISTED MAXIMUM OUTPUT POWER OF THE REGULATOR.



REMARK: Please choose the correct Input voltage range by switch the switch lock on the rear panel before you turn on this regulator. Any wrong selection of the Input voltage range may cause the damage of the Regulator.

Technology Parameter

MODEL		MDR -500VA	MDR -1000VA	MDR -1500VA	MDR -2000VA	MDR -3000VA	MDR -5000VA
INPUT	Voltage	<input type="checkbox"/> 140-260V <input type="checkbox"/> 150-270V					
OUTPUT	Voltage	<input type="checkbox"/> 220V <input type="checkbox"/> 230V					
	Precision	<input type="checkbox"/> $\pm 1\%$ <input type="checkbox"/> $\pm 3\%$ <input type="checkbox"/> $\pm 5\%$ <input type="checkbox"/> $\pm 10\%$ <input type="checkbox"/>					
	Power	500VA	1000VA	1500VA	2000VA	3000VA	5000VA
Circuit breaker		5A	8A	10A	12A	25A	32A
Frequency		50/60Hz					
Delay time		6/180S					
High protect voltage		255V~					
Low protect voltage		180V~					
High protect temperature		120 °C					

* Specification are subjected to change without prior notice.

Caution

- Avoid overloading
Do not use the regulator beyond its maximum power.
- When connected to any appliance with built-in motor compressor, the starting power is generally several times of the appliance's listed power rating. Make sure that the total starting power capacity of all connected appliance does not exceed the listed maximum output power of the regulator. For color TV, calculate it twice as its listed capacity.
- Make sure that the regulator is of the same output voltage and frequency as the appliance's it connected.
- Make sure that the voltage of electrical source is within the listed range of the input voltage of the regulator.
- Always place the regulator in an environment that is:
 - well ventilated.
 - not exposed to direct sunlight or heat source.
 - Out of reach from children.
 - away from water moisture oil or grease.
 - away from any flammable substance.



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