

.56 [14.3] DIA. HOLE
4 PLACES ON BOTTOM
FLANGES FOR CUSTOMER
MOUNTING

THE REGULATOR COMPRISES A MOTOR-DRIVEN VARIABLE AUTOTRANSFORMER, A BUCK-BOOST FIXED RATIO TRANSFORMER, AND A MANUAL RAISE/LOWER SWITCH. THE MICROPROCESSOR CONTROLLER AUTOMATICALLY POSITIONS THE AUTOTRANSFORMER TO HOLD THE OUTPUT VOLTAGE CONSTANT. A RS-232 INTERFACE IS PROVIDED FOR REMOTE OPERATION AND MONITORING.

SPECIFICATIONS:

WAVEFORM DISTORTION	---	ZERO
FREQUENCY RANGE	---	47Hz TO 63Hz
OUTPUT REGULATION	---	±.5V, ±1.0V, ±2.0V, ±4.0V
ACCURACY	---	±1%
CORRECTION RATE	---	14.4 VOLTS/SEC.
INTERNAL IMPEDANCE	---	EXTREMELY LOW
PHASE SHIFT	---	NEGLIGIBLE
EFFICIENCY	---	APPROXIMATELY 99%
TEMPERATURE RANGE	---	0°C (32°F) TO +50°C (122°F)
FACTORY SET AT ±0.5V		

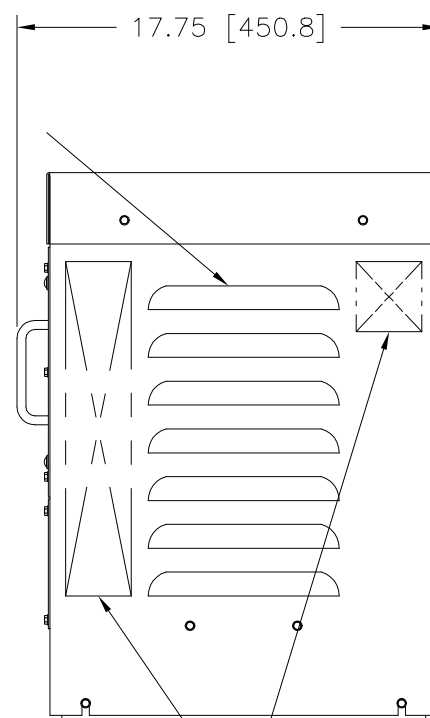
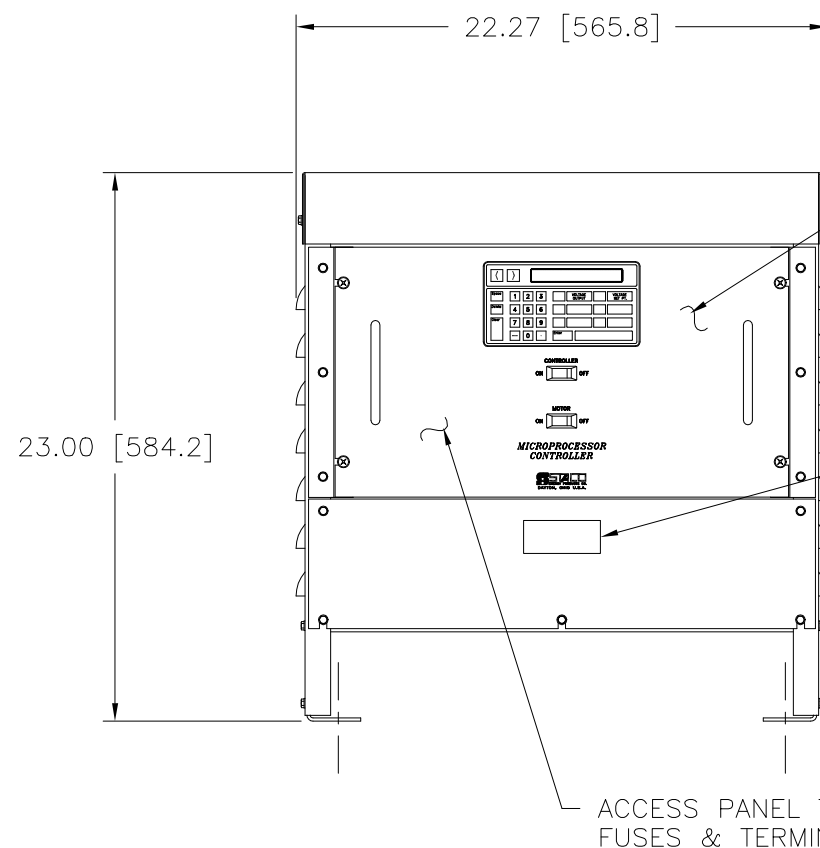
CONTROLS:

MICROTERMINAL: THE TERMINAL IS PROVIDED FOR LOCAL CONTROL OF THE UNIT WITH AN LCD DISPLAY FOR OUTPUT VOLTAGE READINGS. SEE THE MP USER'S HANDBOOK (FORM #003-1622) FOR DETAILED INFORMATION.

CONTROLLER ON/OFF SWITCH: THIS SWITCH TURNS OFF POWER TO THE MICROPROCESSOR CONTROLLER ONLY.

MOTOR ON/OFF SWITCH: THIS SWITCH TURNS OFF POWER FROM THE MICROPROCESSOR TO THE AUTOTRANSFORMER MOTOR.

RAISE/LOWER SWITCH: THIS SWITCH IS LOCATED INTERNALLY AND IS ACCESSIBLE FROM THE FRONT VIA THE REMOVABLE ACCESS PANEL. THE SWITCH ALLOWS THE REGULATOR TO BE MANUALLY CONTROLLED.



* AT NOMINAL OUTPUT VOLTAGE. INPUT VOLTAGE RANGE SHIFTS PROPORTIONALLY WITH OUTPUT VOLTAGE SETTINGS.

SINGLE PHASE 50/60 HZ.			
NOMINAL OUTPUT VOLTAGE	INPUT VOLTAGE RANGE*	MAXIMUM OUTPUT AMPERES	RATED OUTPUT (KVA)
240	192-264	110	26
<small>UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS .XX .0002 .12 .002 .005 Holes Angles Draft 1° 1-1/2° UNITS IN [mm]</small>			
<small>MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING</small>		<small>TITLE: SPEC. CONTROL DRAWING AUTO. VOLTAGE REGULATOR TYPE: MVR-24WBSN026</small>	
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<small>CUSTOMER APPROVAL: [blank]</small>		<small>DATE: [blank]</small>	<small>DATE: [blank]</small>
<small>CODE IDENT. NO. 83008</small>		<small>DWG. NO. 095-3020</small>	<small>DWG. SIZE D</small>
<small>SHEET 1 OF 2</small>		<small>DATE: [blank]</small>	

