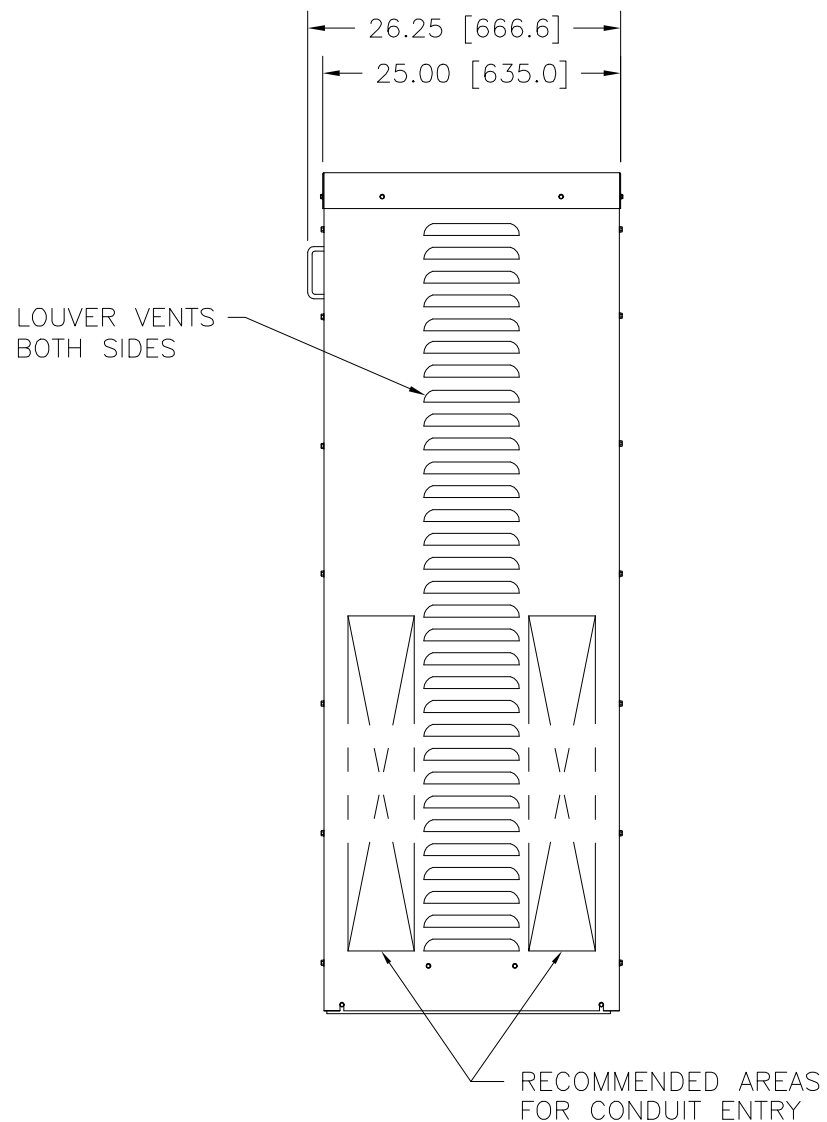
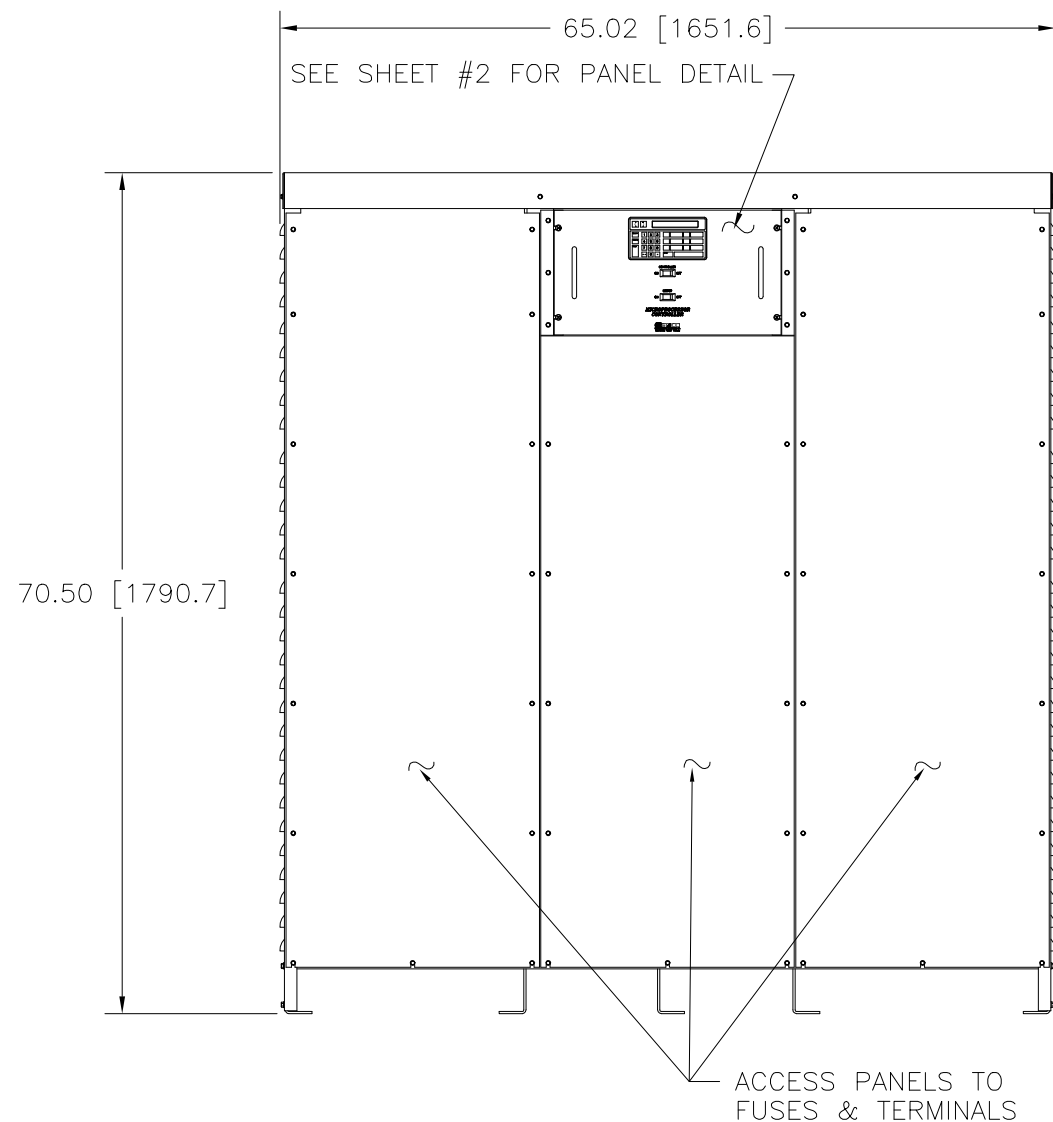
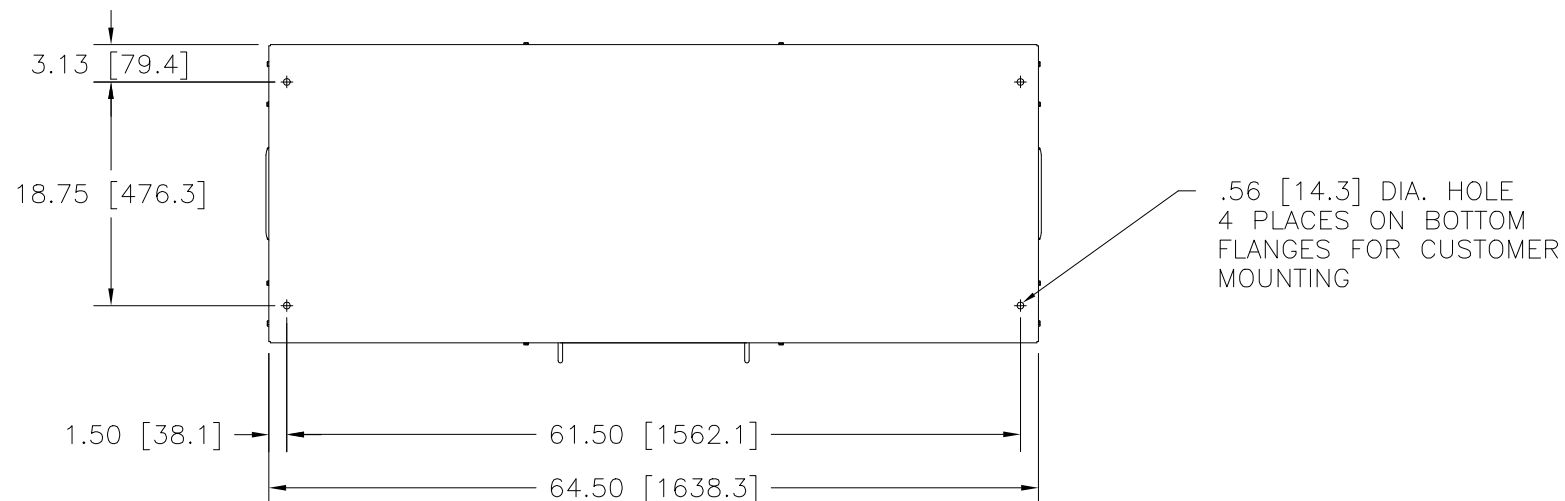


Go to VARIAC.com
to purchase and for
technical support.
Made in the USA



EACH PHASE OF 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 EACH OF THE AUTOTRANSFORMERS TO HOLD THE OUTPUT VOLTAGE OF EACH PHASE CONSTANT. A RS-232 INTERFACE IS PROVIDED FOR REMOTE OPERATION AND MONITORING.

SPECIFICATIONS:

WAVEFORM DISTORTION	— — — — —	ZERO
FREQUENCY RANGE	— — — — —	57Hz TO 63Hz
OUTPUT REGULATION	— — — — —	±1.0V
CONTROL BAND (USER SELECTABLE)	— —	* ±0.5V, ±1.0V, ±2.0V, ±4.0V
CORRECTING RATE	— — — — —	24 VOLTS/SECOND
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 EACH OF THE AUTOTRANSFORMER MOTORS.

RAISE/LOWER SWITCHES: THESE SWITCHES ARE LOCATED INTERNALLY AND ARE ACCESSIBLE FROM THE FRONT VIA THE REMOVABLE ACCESS PANEL. THE SWITCHES ALLOW FOR EACH PHASE OF THE REGULATOR TO BE MANUALLY CONTROLLED INDIVIDUALLY.

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

THREE PHASE (INDIVIDUAL LINE CONTROL)			60 HZ
OUTPUT VOLTAGE (ADJUSTMENT)	INPUT VOLTAGE RANGE **	MAXIMUM OUTPUT AMPERES	RATED OUTPUT (KVA)
480Y/277	408-528	800	665

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS * DECIMALS .12 Holes .002 ANGLES 1° DRAFT 1-1/2° XXX .005	UNITS IN [mm]	TITLE: SPEC. CONTROL DRAWING AUTO. VOLTAGE REGULATOR TYPE: MVR-48TCIY665	<p>STACO ENERGY PRODUCTS CO. A COMPONENTS CORPORATION OF AMERICA COMPANY DAYTON, OHIO U.S.A.</p>																							
MATERIAL:	ALL DIMENSIONS APPLY AFTER PLATING	<table border="1"> <tr> <td>DRAWN BY</td> <td>DATE</td> <td>FIRST USED ON</td> <td>DO NOT SCALE DWG.</td> <td>CUSTOMER APPROVAL</td> <td>DATE</td> </tr> <tr> <td>TIM RAU</td> <td>9/24/98</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CHECKER</td> <td>DATE</td> <td>WEIGHT APPROX.</td> <td>CODE IDENT. NO. 83008</td> <td>DWG. NO.</td> <td></td> </tr> <tr> <td>ENGINEER</td> <td>DATE</td> <td>SCALE .125=1</td> <td>SHEET 1 OF 2</td> <td>DWG. NO.</td> <td>095-3009</td> </tr> </table>		DRAWN BY	DATE	FIRST USED ON	DO NOT SCALE DWG.	CUSTOMER APPROVAL	DATE	TIM RAU	9/24/98					CHECKER	DATE	WEIGHT APPROX.	CODE IDENT. NO. 83008	DWG. NO.		ENGINEER	DATE	SCALE .125=1	SHEET 1 OF 2	DWG. NO.
DRAWN BY	DATE	FIRST USED ON	DO NOT SCALE DWG.	CUSTOMER APPROVAL	DATE																					
TIM RAU	9/24/98																									
CHECKER	DATE	WEIGHT APPROX.	CODE IDENT. NO. 83008	DWG. NO.																						
ENGINEER	DATE	SCALE .125=1	SHEET 1 OF 2	DWG. NO.	095-3009																					