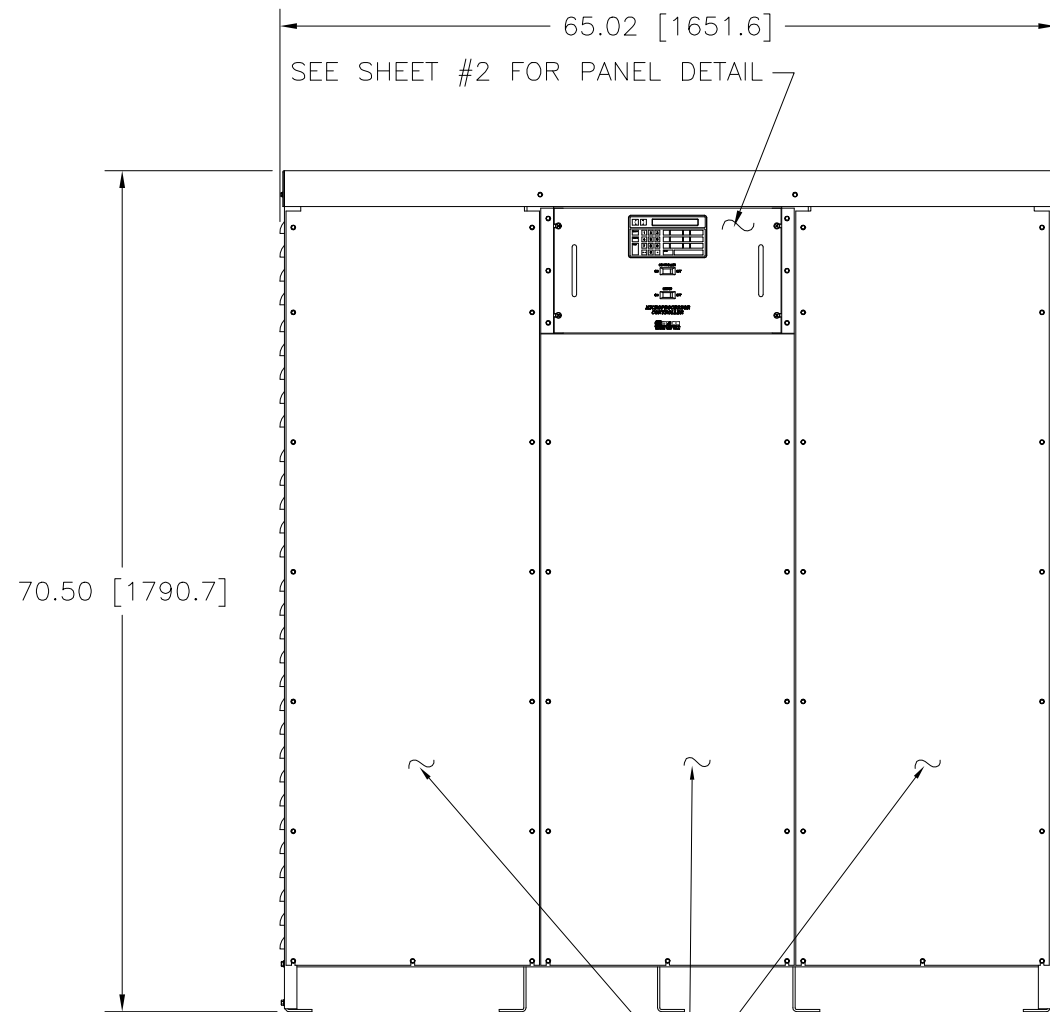
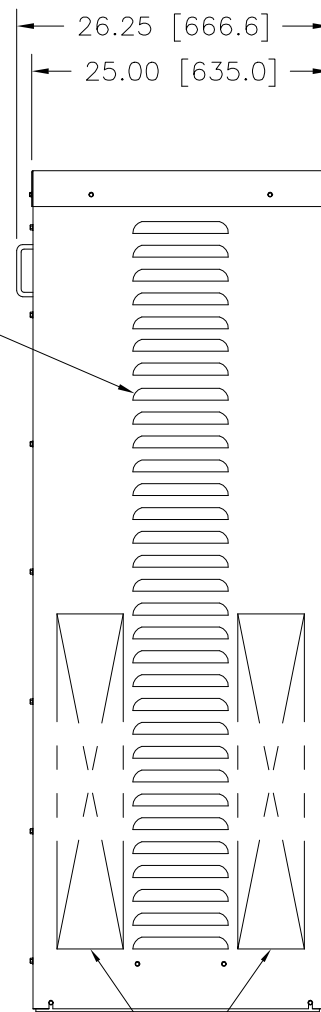


.56 [14.3] DIA. HOLE
4 PLACES ON BOTTOM
FLANGES FOR CUSTOMER
MOUNTING



ACCESS PANELS TO
FUSES & TERMINALS

LOUVER VENTS
BOTH SIDES



RECOMMENDED AREAS
FOR CONDUIT ENTRY

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 .002 XX .001 .002 XXX .005		TITLE: SPEC. CONTROL DRAWING AUTO. VOLTAGE REGULATOR TYPE: MVR-48TCIY665	
MATERIAL:		UNITS IN [mm]	
ALL DIMENSIONS APPLY AFTER PLATING		DRAWN BY: TIM RAU	
DATE: 9/24/98		FIRST USED ON: DO NOT SCALE DWG.	
CHECKER:		CUSTOMER APPROVAL: DATE:	
ENGINEER:		WEIGHT APPROX. CODE IDENT. NO. 83008	
DATE:		DWG. NO. 095-3009	
SCALE: .125=1		SHEET 1 OF 2	

