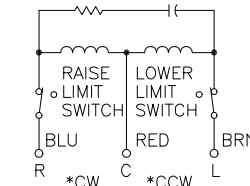
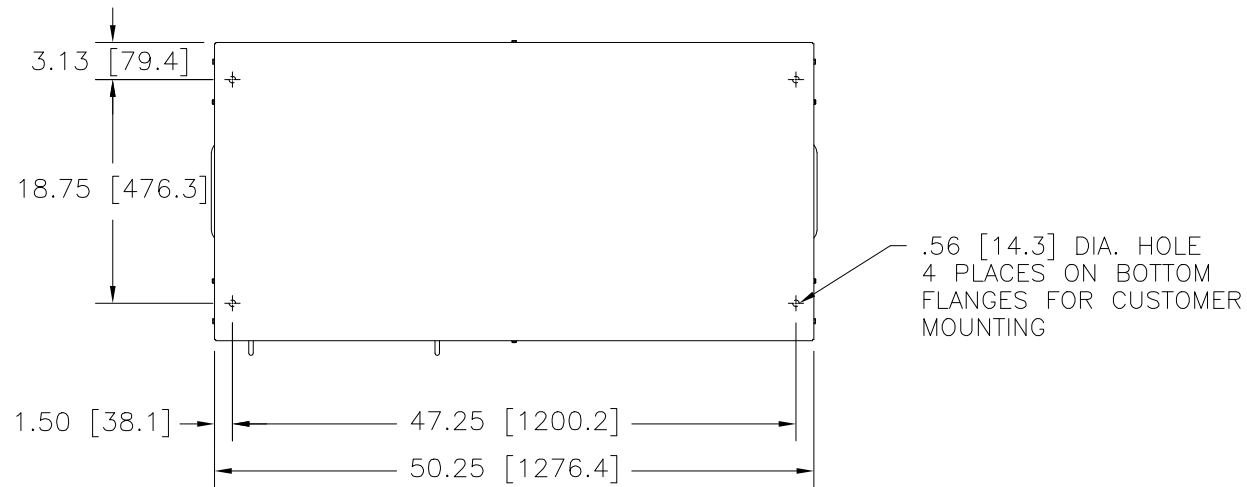


Go to [VARIAC.com](http://VARIAC.com)  
 to purchase and for  
 technical support.  
 Made in the USA



**MOTOR CIRCUIT**  
 120V, 50/60 HZ  
 \* ROTATION AS VIEWED FROM MOTOR END  
 MOTOR SPEED: 60 SEC.

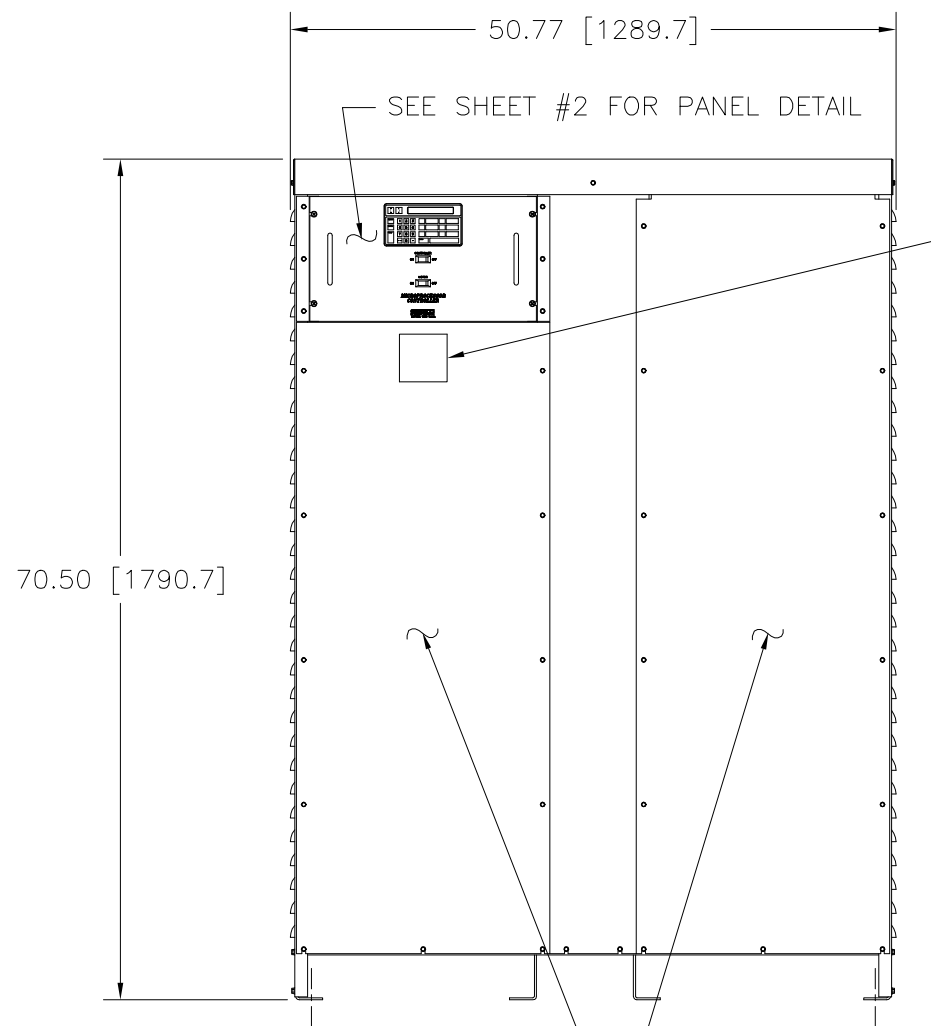
**CONTROLS:**

**MICROTERMINAL:** THE TERMINAL IS PROVIDED FOR LOCAL CONTROL OF THE UNIT. "S" OPTION PROVIDED FOR PROCESS CONTROL SET POINT. SEE USER'S HANDBOOK (FORM #003-1622) PROVIDED 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.

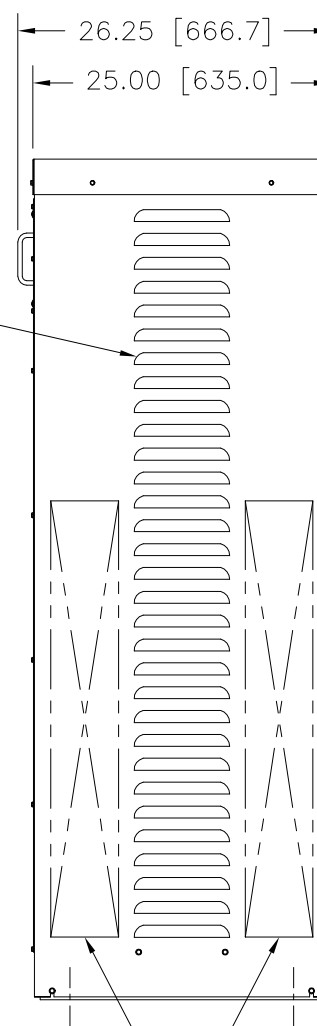
**WIRE RANGES FOR CUSTOMER WIRING:**  
 INPUT/OUTPUT/NEUTRAL TERMINALS: (2) (300MCM-#6 AWG) COMPRESSION PER PHASE  
 GROUND TERMINAL: (1) (1/0-#14 AWG) COMPRESSION



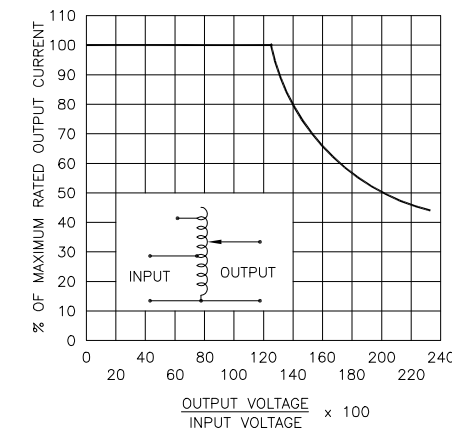
NAMEPLATE

LOUVER VENTS BOTH SIDES

ACCESS PANELS TO FUSES & TERMINALS



RECOMMENDED AREAS FOR CONDUIT ENTRY



**FIGURE A**  
 MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.

# MAXIMUM OUTPUT CURRENT IN OUTPUT VOLTAGE RANGE FROM 0% TO 25% ABOVE LINE VOLTAGE. AT HIGHER OUTPUT VOLTAGES, OUTPUT CURRENT MUST BE REDUCED ACCORDING TO RATING CURVE, SEE FIGURE A.

++ MAXIMUM KVA AT MAXIMUM OUTPUT AND CORRESPONDING DE-RATED CURRENT. MAXIMUM KVA AT LOWER OUTPUT VOLTAGES MAY BE CALCULATED FROM RATING CURVE, SEE FIGURE A.

V.D. = VOLTAGE DOUBLER.

WIRING	INPUT		OUTPUT		SHAFT ROTATION FOR VOLTAGE INCREASE	TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM TOP		
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD		INPUT	OUTPUT	
				MAX. AMPS				MAX. KVA
THREE PHASE WYE	480	50/60	0-480	315	261	CW	4-4-4	D-D-D
		60	0-560	315	305	CW	2-2-2	D-D-D
	240	60	0-560	315 <sup>#</sup> -135 V.D.	130 <sup>++</sup>	CW	5-5-5	D-D-D

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DIMENSIONAL HOLES ANGLES DRAFT UNITS IN [mm]

TITLE: SPEC. CONTROL DRAWING AUTO. VOLTAGE REGULATOR TYPE: MV60M6020E-27YS



MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

DRAWN BY: TIM RAU DATE: 3/22/99  
 CHECKER: DATE: WEIGHT APPROX. CODE IDENT. NO. 83008  
 ENGINEER: DATE: SCALE: .125=1 SHEET 1 OF 2

CUSTOMER APPROVAL: DATE: DWG. NO. 034-8569