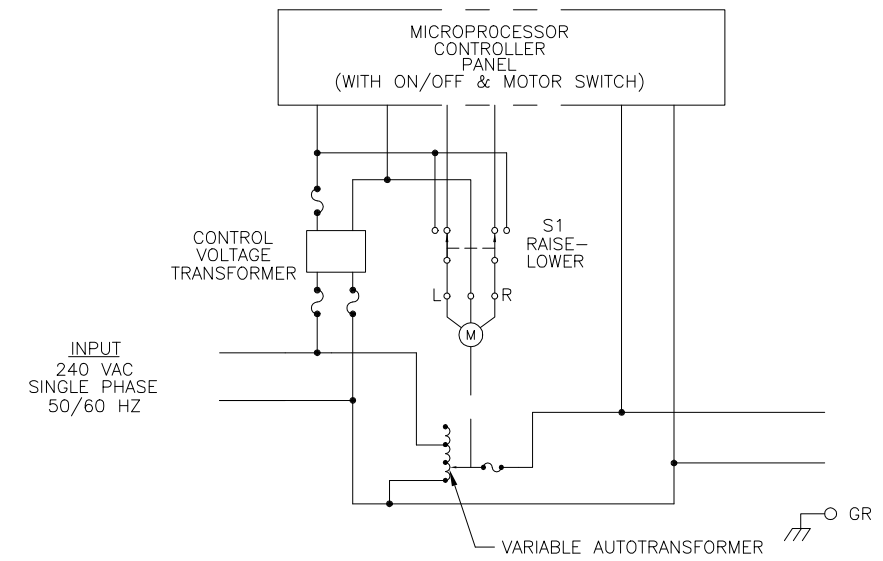
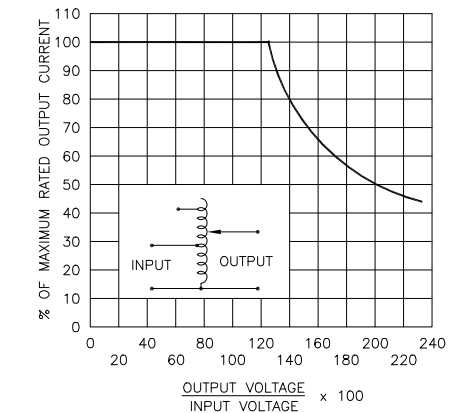


.56 [14.3] DIA. HOLE  
 4 PLACES ON BOTTOM  
 FLANGES FOR CUSTOMER  
 MOUNTING



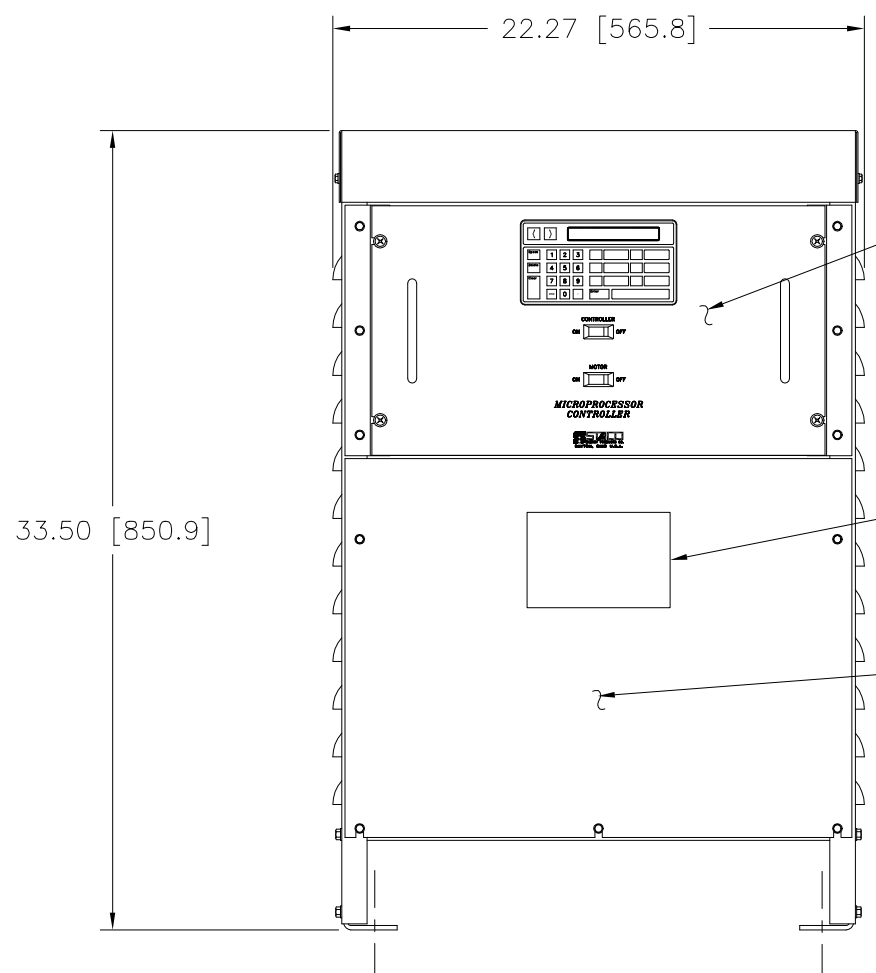
**CONTROLS:**  
 MICROTERMINAL: THE TERMINAL IS PROVIDED FOR LOCAL CONTROL OF THE UNIT WITH AN LCD DISPLAY FOR OUTPUT VOLTAGE AND AMPERE READINGS. SEE THE MP USER'S HANDBOOK (FORM #003-1622) FOR DETAILED INFORMATION.  
 CONTROLLER ON/OFF SWITCH: THIS SWITCH TURNS OFF POWER TO THE MICROPROCESSOR CONTROLLER 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 ACCESSIBLE FROM THE FRONT VIA THE REMOVABLE PANEL. THE SWITCH ALLOWS THE VARIABLE TRANSFORMER TO BE MANUALLY CONTROLLED.



**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 PERCENT 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.

SPEED (SECONDS)	MODEL NUMBER
5	MV5M6020E
15	MV15M6020E
30	MV30M6020E
60	MV60M6020E

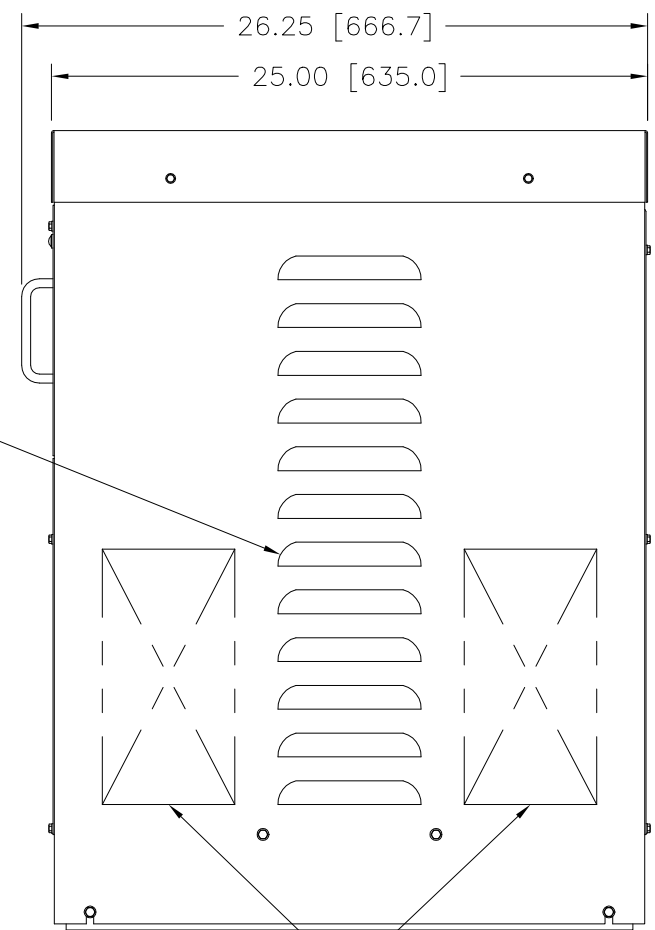


SEE SHEET #2 FOR PANEL DETAIL

LOUVER VENTS BOTH SIDES

NAMEPLATE

ACCESS PANEL TO TERMINALS



RECOMMENDED AREAS FOR CONDUIT ENTRY.

SPECIFICATIONS								
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
SINGLE PHASE	240	50/60	0-240	35	8.4	CW	1-4	1-3
			0-280	35	9.8	CW	1-2	1-3
	120	50/60	0-280	35-15 V.D.	4.2 ++	CW	1-5	1-3

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS .XX .XXX .012 .002 .03 1° 1-1/2° UNITS IN [mm] TITLE: SPEC. CONTROL DRAWING MVM6020E AUTOTRANSFORMER

MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

STACO ENERGY PRODUCTS CO. A COMPONENTS CORPORATION OF AMERICA COMPANY DAYTON, OHIO U.S.A.

DRAWN BY: TIM RAU DATE: 6/12/97 FIRST USED ON: DO NOT SCALE DWG. CUSTOMER APPROVAL: DATE:

CHECKER: DATE: WEIGHT APPROX. CODE IDENT. NO. 83008 DWG. NO. 034-8482

ENGINEER: DATE: SCALE: .25=1 SHEET 1 OF 2

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