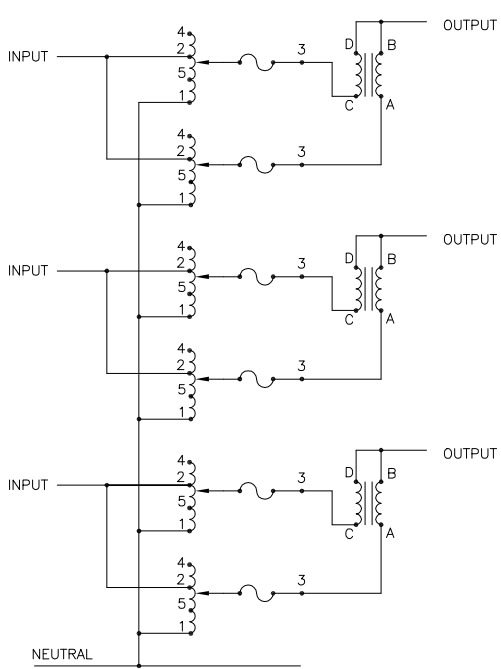
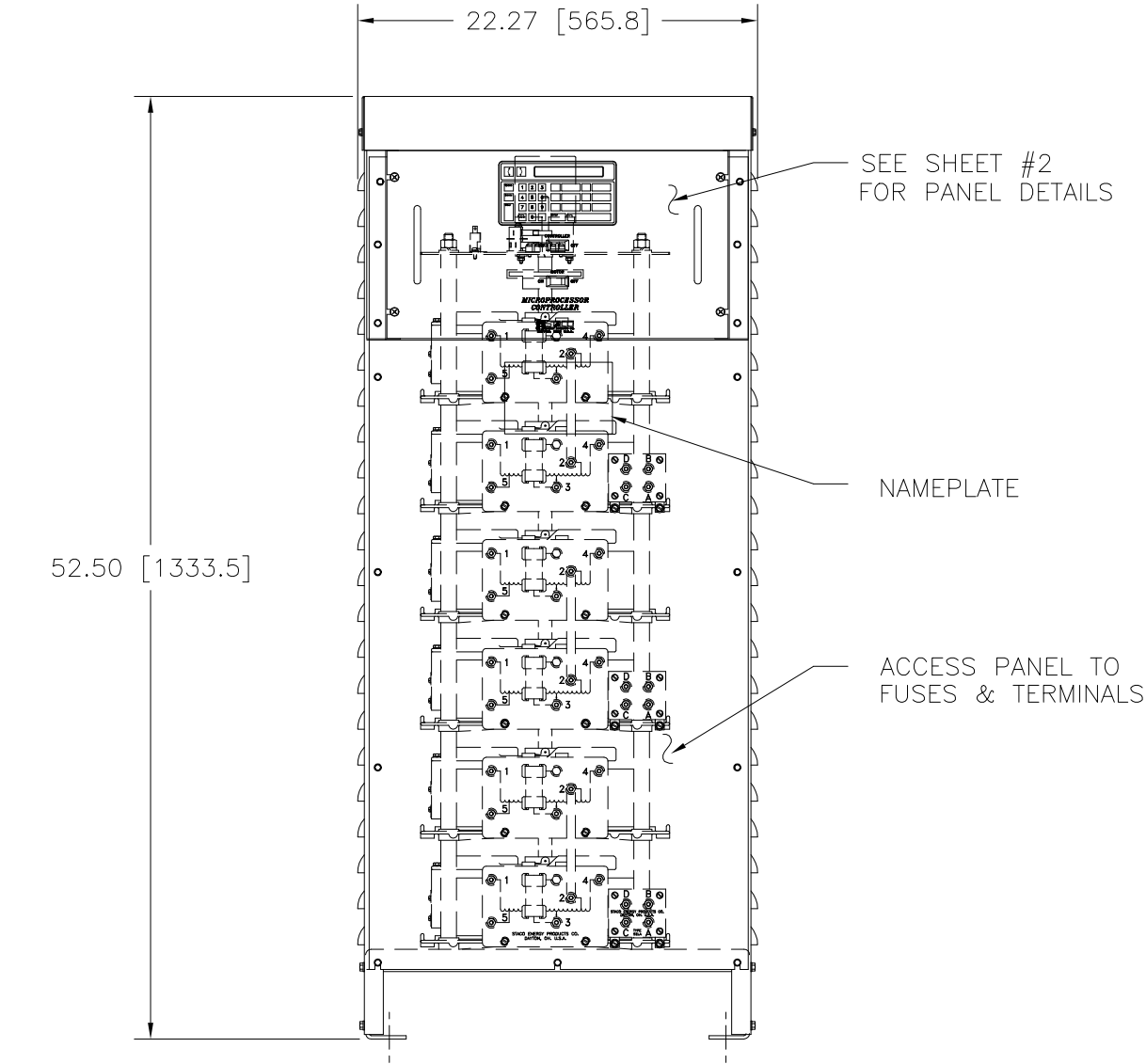
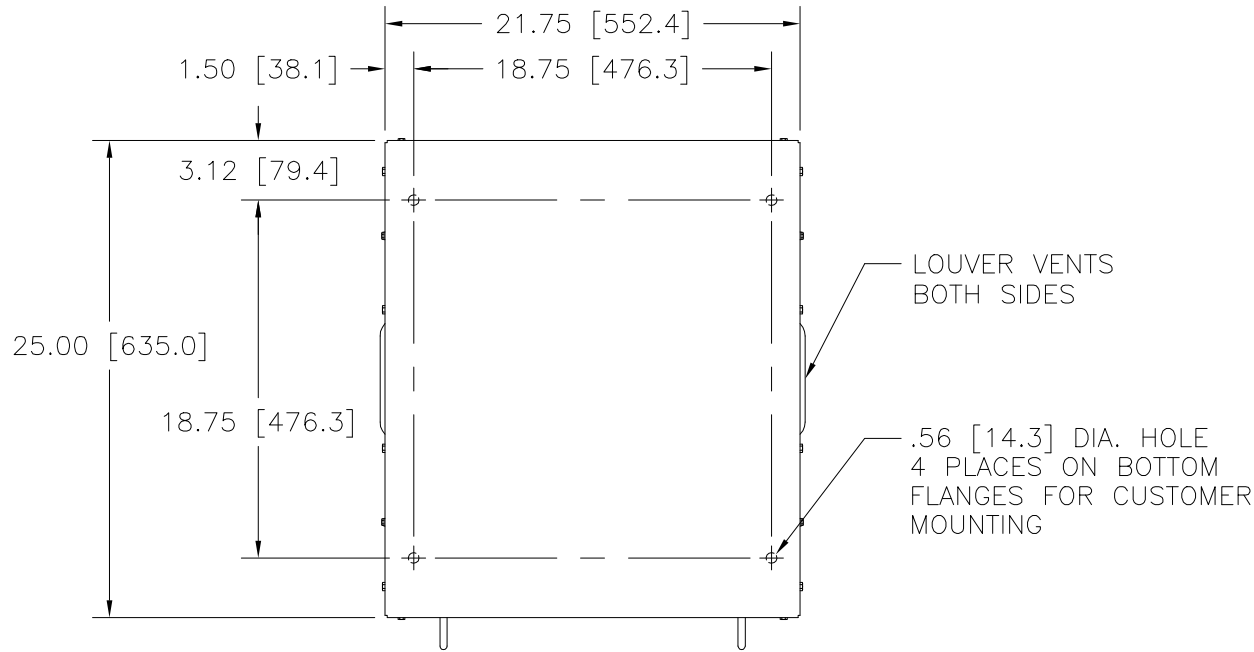
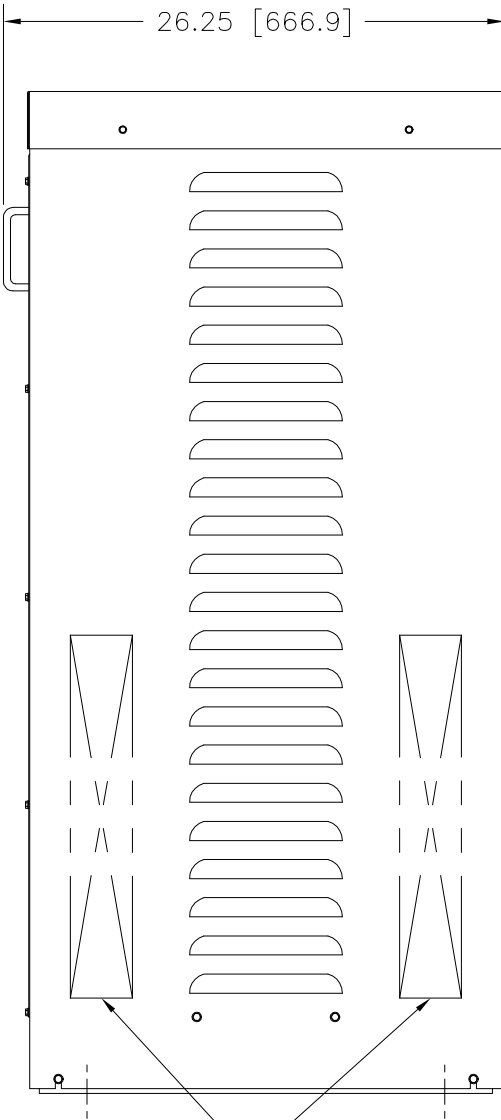




SCHEMATIC



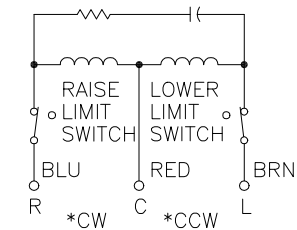
CONTROLS:

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.



MOTOR CIRCUIT
120V, 50/60 HZ
* ROTATION AS VIEWED
FROM TOP END
MOTOR SPEEDS: SEE CHART

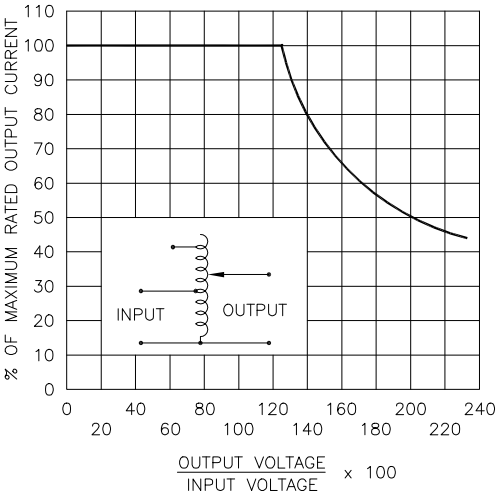


FIGURE A
MAXIMUM OUTPUT CURRENT OF ANY
DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER
UNIT OPERATED AT LOWER INPUT VOLTAGE.

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, FIGURE A.

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

V.D. = VOLTAGE DOUBLER.

SPEED (SECONDS)	MODEL NUMBER
15	MV15M6020E-6Y
30	MV30M6020E-6Y
60	MV60M6020E-6Y

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								
				MAX. AMPS	MAX. KVA											
THREE PHASE WYE	480	50/60	0-480	70	58.1	CW	4-4-4	B-B-B								
		60	0-560	70	67.8	CW	2-2-2	B-B-B								
	240	60	0-560	70-30 V.D.	29.1 ++	CW	5-5-5	B-B-B								
UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS .XX HOLES .0012 ANGLES 1° DRAFT 1-1/2° XXX .005			UNITS IN [mm]		SPECIFICATION CONTROL DRAWING MOTORIZED VARIABLE TRANSFORMER TYPE: MVM6020E-6Y											
MATERIAL :		ALL DIMENSIONS APPLY AFTER PLATING														
The information and design disclosed herein was originated by and is the property of STACO ENERGY PRODUCTS CO., which reserves all patent, proprietary, design, manufacturing, reproduction, use and sale rights thereto, and to any article disclosed therein except to the extent rights are expressly granted to others. The foregoing does not apply to vendor proprietary parts.					DRAWN BY TIM RAU		DATE 8/5/96		FIRST USED ON MVM6020E-6Y		DO NOT SCALE DWG.		CUSTOMER APPROVAL		DATE	
					CHECKER		DATE		WEIGHT APPROX.		CODE IDENT. NO. 83008		DWG. SIZE		DWG. NO.	
					ENGINEER		DATE		SCALE .2=1		SHEET 1 OF 2		D		032-8384	