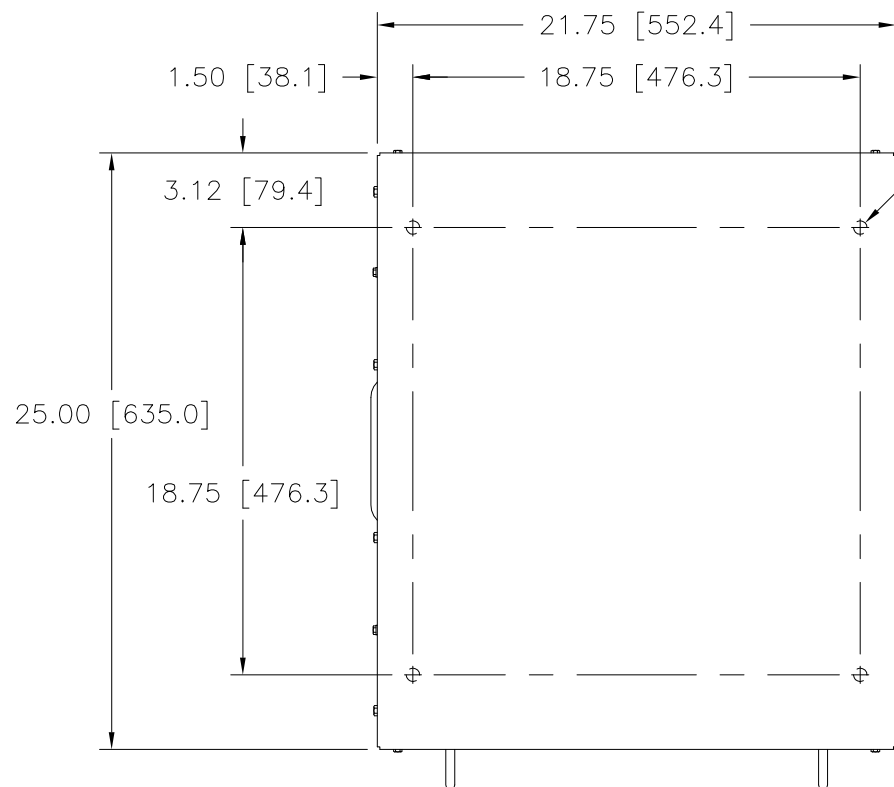
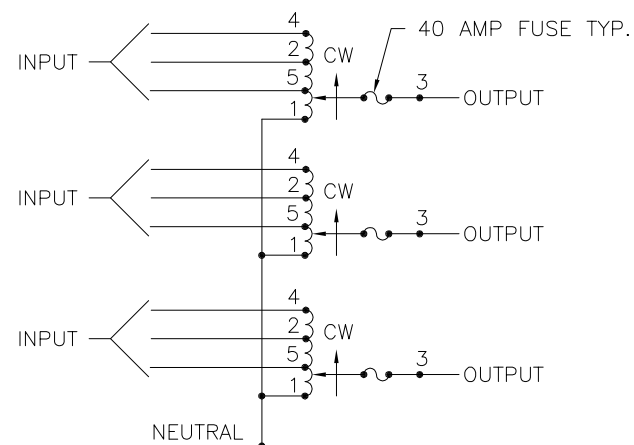
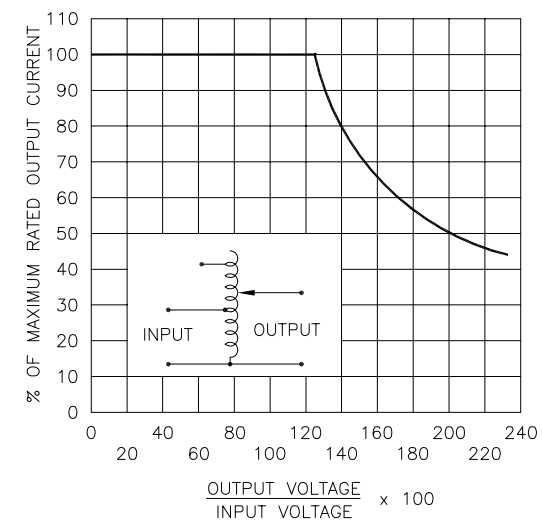
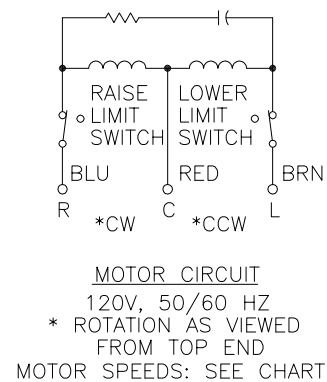




.56 [14.3] DIA. HOLE
4 PLACES ON BOTTOM
FLANGES FOR CUSTOMER
MOUNTING



SCHEMATIC

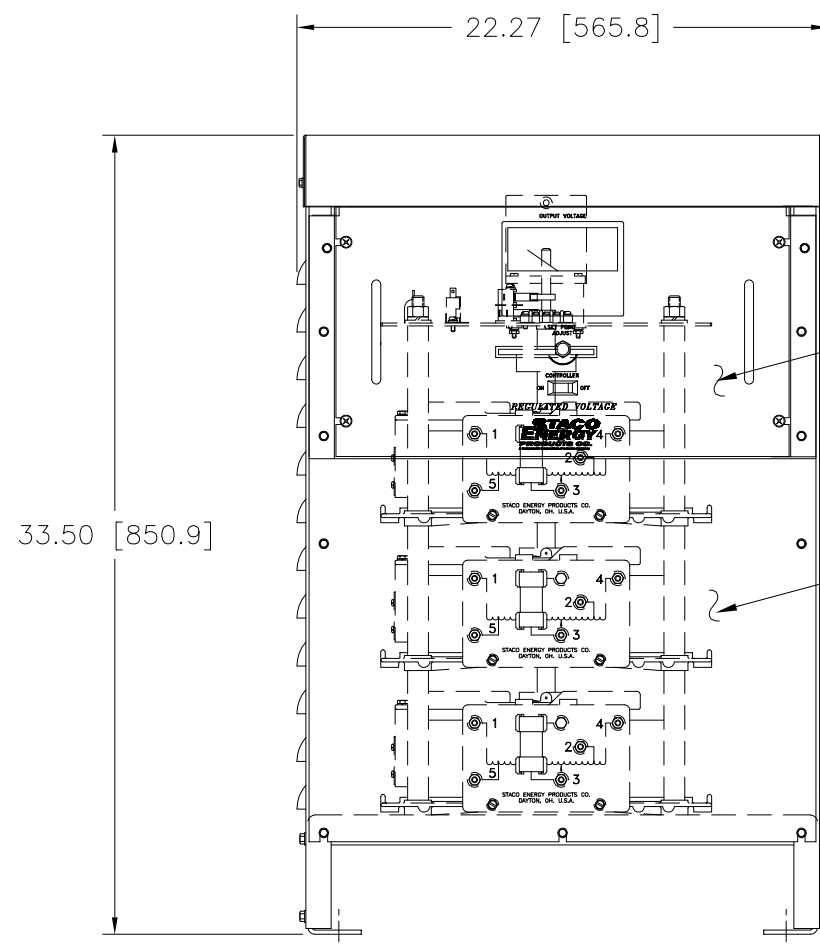


* MAXIMUM OUTPUT CURRENT IN OUTPUT VOLTAGE RANGE FROM 0 TO 25 PERCENT ABOVE LINE VOLTAGE. AT HIGHER OUTPUT VOLTAGES, OUTPUT CURRENT MUST BE REDUCED ACCORDING TO RATING CURVE (SEE FIGURE A).

++ 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.

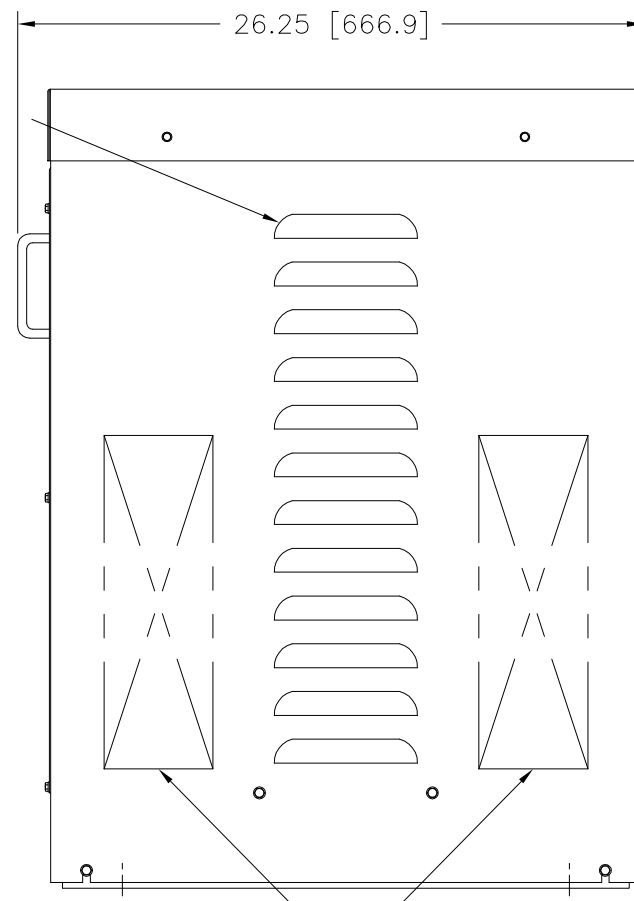
SPEED (SECONDS)	MODEL NUMBER
5	FV5M6020E-3Y
15	FV15M6020E-3Y
30	FV30M6020E-3Y
60	FV60M6020E-3Y



LOUVER VENTS
BOTH SIDES

SEE SHEET #2
FOR PANEL DETAILS

ACCESS PANEL TO FUSES & TERMINALS



- RECOMMENDED AREAS
FOR CONDUIT ENTRY

WIRING		SPECIFICATIONS						TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM TOP	
		INPUT		OUTPUT		SHAFT ROTATION FOR VOLTAGE INCREASE			
		VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD				
					MAX. AMPS	MAX. KVA		INPUT	OUTPUT
THREE PHASE WYE		480	50/60	0-480	35	29.1	CW	4-4-4	3-3-3
			60	0-560	35	33.9	CW	2-2-2	3-3-3
		240	60	0-560	35* 15 V.D.	14.5 ++	CW	5-5-5	3-3-3

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ±

DECIMALS	HOLES	ANGLES	DRAFT
.XX .0005-.12	.0005-.03	1°	1-1/2°

MATERIAL :

ALL DIMENSIONS APPLY AFTER PLATING

TITLE:

SPEC. CONTROL DRAINING
MOTORIZED VARIABLE XFMR.
TYPE: FVM6020E-3Y

STACO ENERGY

PRODUCTS CO.

A Components Corporation of Ameresco Company

301 Geddis Boulevard Dayton, Ohio 45403 USA

DWG. NO.

032-8291

DWG. SIZE

D

DRAWN BY	DATE	FIRST USED ON	DO NOT SCALE DWG.
T.SNAY	5/6/05		
CHECKER	DATE	WEIGHT APPROX.	CAGE CODE
ENGINEER	DATE	SCALE	SHEET 1 OF 2

.25=1

8300B

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