



Contact us +1(415) 960 4853

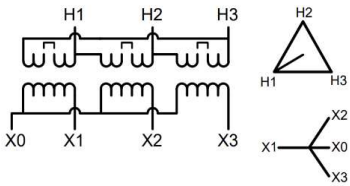
sales@omexindustries.com

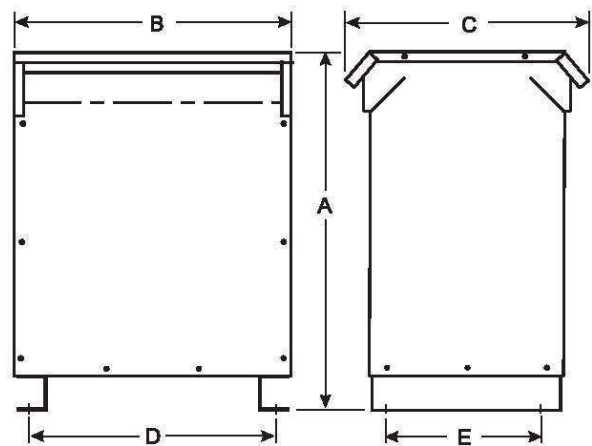
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500KVA-480D-208Y/120-K01-AL Three-Phase Ventilate-USA-DOE

Product details	
KVA	500.0
UPC#	
Enclosure	NEMA 3R Ventilated
Phase	Three-Phase
Line Voltage	480D
Load Voltage	208Y/120V
E/S Shielded	No
Windings	Aluminium
Temp.rise	150°C
Frequency	60Hz
Taps	2 - 2.5% FCAN; 4 - 2.5% FCBN
Impedance @ 170 °C 60Hz	4.7% (± ANSI TOLERANCE)
Insulation Class	220°C

Product details		
Efficiency Type	DOE-2016	
Minimum Efficiency {35%}	99.14	
Busbar Temination	Primary : AL	
	Secondary : AL	
Approvals	uL, cUL, DOE	
Weight & Dimensions (Imperial / Metric)		
A	67.72"	172.00 ems
B	50.39"	128.00 ems
C	36.82"	93.50 ems
D	47.83"	121.50 ems
E	24.02"	61.00 ems
Est Ship Wt	2739 lbs	1242 kg

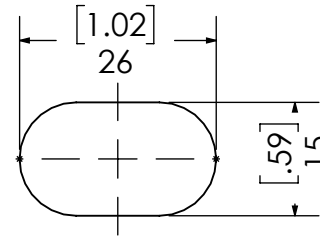
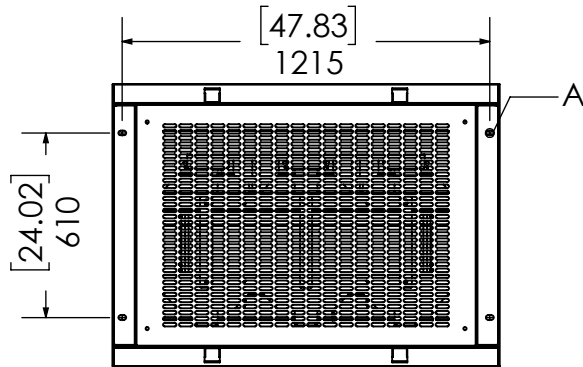
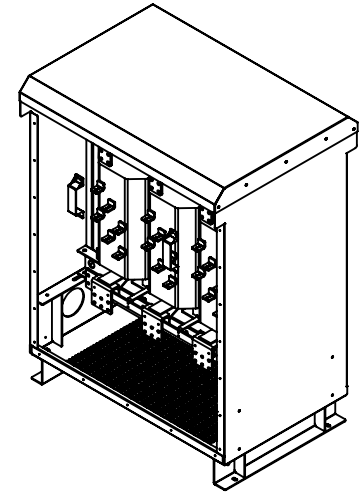
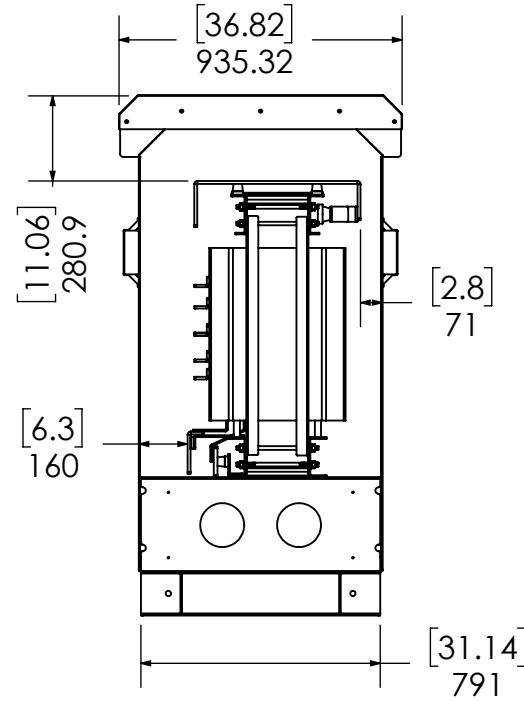
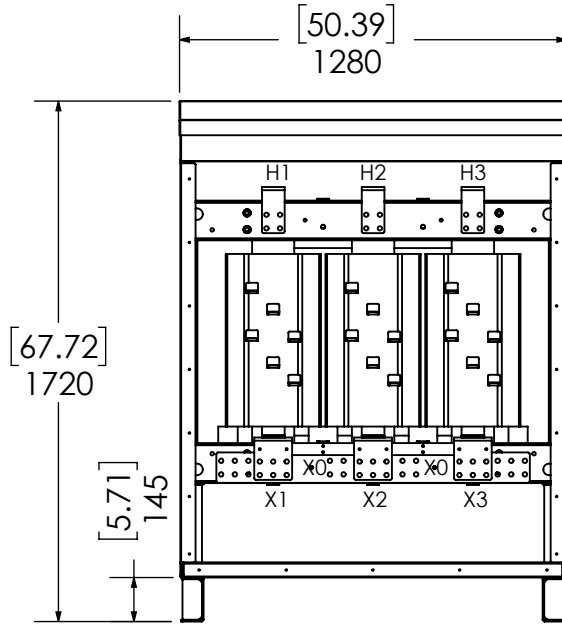
Wiring Diagram			
Primary : 480 Volts Delta			
Secondary : 208Y/120 Volts			
PRIMARY			
			
SECONDARY			
Connections			
Primary Volts	%Vd	On Each Coil Jumper Taps To	Primary Lines Connect To
502	-0.39	4 - 5	H1, H2, H3
491	-0.20	4 - 6	H1, H2, H3
480	0.00	3 - 5	H1, H2, H3
469	0.21	3 - 6	H1, H2, H3
458	0.43	3 - 7	H1, H2, H3
447	0.67	2 - 6	H1, H2, H3
436	0.92	2 - 7	H1, H2, H3
Secondary Volts			Secondary Lines Connect To
208			X1, X2, X3
120			X1 to X0
1Phase			X2 to X0
			X3 to X0



Additional Information	
How to Buy: Contact your local representative.	
Wall mounting bracket kit	
Mounting kit with drippan	

All specifications subjects to change. Contact Factory for certified drawings. © 2025 OMEX Industries LLC.

500KVA-480D-208Y/120-K01-AL



DETAIL A
SCALE 1 : 1

Finishing : ANSI 61 Grey colour powdered coated
IP grade : 3R(Outdoor application,As per UL 1561)

REV	Description	Name:	Date :	Tolerances :	OMEX 9859 7th Street, Suite G-L, Rancho Cucamonga, CA 91730 Drawn by : Checked by : Approved by :			Title : 500kVA_GA_Drawing	
04				For Holes ±0.1				Drawing No : 500KVA-480D-208Y/120-K01-AL	
03				For P.C.D ±0.1				Material :	
02				For thk ±0.05				QTY: xx	
01				For Angle ±1°				Rev : 00 Do not scale	
				All dimensions are in 'mm' unless specified.			Date : 12-Nov-25	Size : A4	Pages : 1/1

