

THREE PHASE PADMOUNT TRANSFORMERS

Maddox padmount transformers are constructed of the highest quality materials and built in the US to heavy duty industrial standards. Our padmounts are built and tested in accordance with industry standards (NEMA, ANSI, DOE, and IEEE as applicable). Maddox padmounts are ideal for commercial and industrial applications such as data centers, solar step-up, utility projects, manufacturing facilities, shopping centers, etc.

Maddox has the manufacturing ability to produce almost any custom design, we also stock all standard configurations. With thousands of new and reconditioned units in stock and ready-to-ship, Maddox is ready to meet your transformer needs.



DESIGN

HV Bushing Config:

1. Dead front or live front
2. Loop feed or radial feed

Fluid Options:

1. Type II Mineral Oil
2. Envirotemp™ FR3™

Standard Gauge/Accessory Package:

1. Pressure relief valve
2. Pressure vacuum gauge
3. Liquid temp & level gauges
4. Drain & sample valve
5. Adjustment taps

Switch Options:

1. 2 Position LBOR Switch
2. 4 Position LBOR Switch (V-blade or T-blade)
3. (3) 2 Position LBOR Switches

Fusing Options:

Bayonets w/ isolation links or CLFs

Construction:

1. 5-legged core
2. Rectangular wound copper or aluminum windings
3. Carbon reinforced or stainless steel tank
4. Steel divider between HV and LV cabinets
5. Penta-head captive bolt

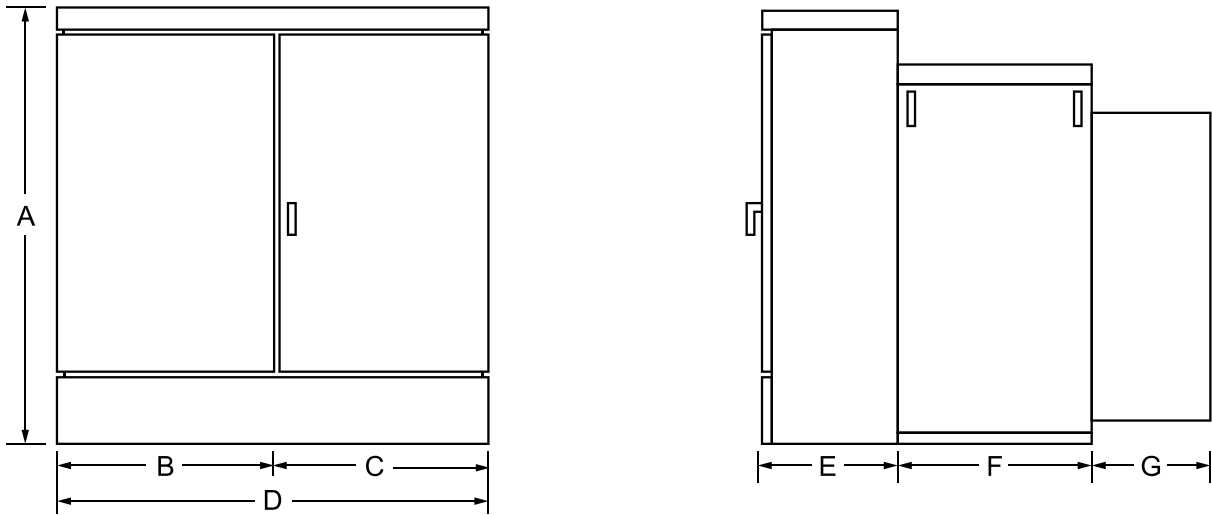
Optional Design Features & Accessories:

1. Gauges w/ Contacts
2. External drain and sample valve
3. Electrostatic Shielding
4. K-Factor Design
5. Step-up Design
6. Surge-Arresters

AVAILABLE RATINGS

Sizes (kVA)	45, 75, 112.5, 150, 225, 300, 500, 750, 1000, 1250, 1500, 1750, 2000, 2250, 2500, 2750, 3000, 3750, 5000
Frequency	60 Hz or 50 Hz
Cooling Class	ONAN or KNAN
Temp Rise	55°C, 65°C, 55/65°C
Voltages	Available in Δ or Y configuration
600V	208 240 416 480 600
2.5kv – 5kv	2400 4160 4800
15kV	12000 12470 13200 13800 14400
25kV	20780 21600 22900 24940 26400
35kV	33000 34500

PADMOUNT TRANSFORMER OUTLINE



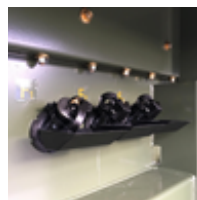
APPROXIMATE TRANSFORMER DIMENSIONS

kVA	A	B	C	D	E	F	G	Gallons	Weight (Lbs)
300	59"	29.5"	22"	51.5"	20.5"	24"	10"	196	4,056
500	59"	33"	26.5"	59.5"	24"	26.5"	10"	210	5,023
750	73"	36"	29"	65"	24"	26.5"	10"	358	7,664
1000	73"	36"	29"	65"	24"	27"	10"	354	8,530
1500	73"	36"	35.5"	71.5"	24"	33.5"	10"	410	10,782
2000	75"	39.5"	28"	67.5"	24"	35"	27"	433	12,490
2500	78"	39.5"	35.5"	75.5"	24"	37.5"	22.5"	545	14,246
3000	84"	30.5"	32"	62.5"	24"	37.5"	38"	550	14,014
3750	75"	50.5"	30"	80.5"	25.5"	42"	38"	730	17,785

THREE PHASE MADDOX PADMOUNT TRANSFORMER



COMMON ACCESSORIES



1. Bayonet Fuses



2. Loadbreak Switch



3. Tap-changer



4. Bushings



5. Parking Stand



6. Gauges