Maddox

LV DRY-TYPE TRANSFORMERS

Thousands of transformers. In stock. Ready to ship.



Dry-type transformers are the ideal solution for indoor applications. Most often used in commercial and industrial settings, they typically come ventilated, and don't require any form of containment. Maddox's low voltage dry-type transformers are designed, built, and tested in accordance with the highest industry standards including NEMA, ANSI C.57, DOE, and IEEE as applicable.

Not only does Maddox have the manufacturing ability to produce almost any custom design, we also stock all standard configurations, ready to match most common applications on short notice. With thousands of new units in stock and ready-to-ship, Maddox is ready and able to meet your transformer needs.

Available Ratings

3-PH Sizes (kVA)	15 | 30 | 45 | 75 | 112.5 | 150 | 225 | 300 500 | 750 | 1000 | 1250 | 1500 | 1750 | 2000 2250 | 2500 | 2750 | 3000 | 3750 | 5000
1-PH Sizes (kVA)	10 | 15 | 25 | 37.5 | 50 | 75 | 100 | 150 250 | 333
Frequency	60 Hz or 50 Hz
Insulation Class	220°C
Temp Rise	150°C (80°C and 115°C optional)
Voltages	Available in Δ, Y, or 1-phase configuration
600V	120 | 208 | 240 | 380 | 400 | 416 | 480 | 600
K-Rating	K1 (Std) | K4 | K9 | K13 | K20
Special Duty	Solar-duty, Drive-duty, Harmonic mitigation, Solar grounding, Autotransformers

Design

Standard:

1. Isolation Design
2. Electrostatic Shielding (Single and Double)

Enclosure:

1. Ventilated or Encapsulated
2. NEMA 1, NEMA 3R, NEMA 4
3. ANSI 61 Grey, UL50 Enclosure Finish
4. Optional 304/316 Stainless Steel

Construction:

1. Primary Adjustment Taps
2. 3-legged Core (Optional 4 or 5-legged Construction)
3. Copper or Aluminum Conductors

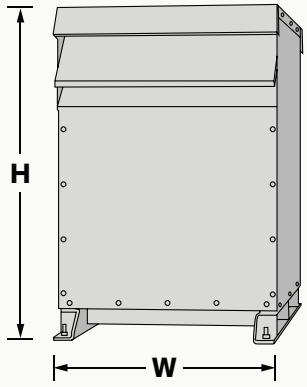
Optional Designs:

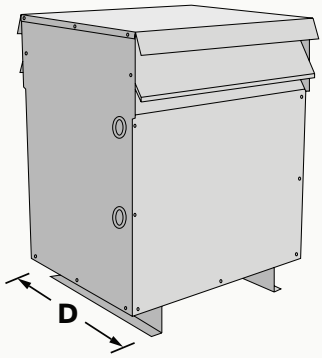
1. Step-up Design
2. Step-down Design

sales@maddox.com
1-800-270-2011
maddox.com

Maddox

Outline & Approximate Dimensions





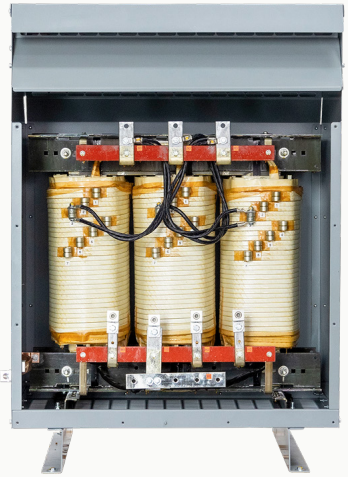
Approximate Dimensions: Encapsulated Units

kVA	Height	Width	Depth	Weight (lbs)
1	10.56”	5.88”	5.19”	22
1.5	10.56”	5.88”	5.19”	34
2	11.75”	7.06”	6.25”	40
3	11.75”	7.06”	6.25”	55
5	17.25”	10”	7.75”	110
7.5	17.63”	12.25”	9.25”	155
10	20.88”	12.25”	9.25”	165
15	21.38”	14.50”	10.75”	280
25	27.38”	14.50”	10.75”	346
37.5	31”	21.25”	18.50”	515

Approximate Dimensions: Ventilated Units

kVA	Height	Width	Depth	Weight (lbs)
15	22”	22”	21”	235
30	29”	26”	24”	345
45	29”	26”	24”	470
75	36”	29”	27”	610
112.5	38”	29”	29”	840
150	45”	33”	33”	1200
225	52”	38”	37”	1510
300	52”	38”	37”	1885
500	66”	55”	44”	3295
750	72”	54”	47”	4150
1000	82”	60”	47”	5650

Three Phase Maddox Transformer





Coil



Core



Tap Leads



Enclosure



Ground Strap



Primary Terminal



Secondary Terminal