



Totally Enclosed Non-Ventilated Transformers

*Suitable for adverse
atmospheric conditions*

Totally Enclosed Non-Ventilated (TENV) transformers are highly suitable for adverse atmospheric conditions. They are built to restrict unintentional circulation of external air through the enclosure. TENV are ideal in areas where conductive, combustible or corrosive materials such as lint, dust or dirt are present.

Specifications

- Aluminum or copper
- Ratings from 15 to 333kVA single phase and 9 to 750kVA three phase
- Excluded from DOE 2016 and NRCAN 2019 efficiency standards
- Type 4, 4X and 12 enclosures
- Drilling or marine duty options
- Custom sizes, ratings and styles available

Applications



Food
Processing



Foundry



Pulp & Paper



Textile
Manufacturing



Chemical
Processing



Part Number Guide

Non-Ventilated Transformers

Phase	kVA			Primary Voltage		Secondary Voltage		Winding Material	Temperature Rise	Enclosure	
	MK	0	1	5	B		E		C	F	K
Phase: MF - Single Phase MK - Three Phase		Primary Voltage: 1PH B 208 F 277 H 416 L 240x480 P 600			Secondary Voltage: 3PH B 208D D 240D K 480D P 600D		Winding Material: 1PH E 120/240 3PH B 208Y/120 D 240D K 480Y/277		Temperature Rise: B 80°C F 115°C H 150°C N 130°C	Enclosure: D Type 3RE E Type 3RX F Type 4 G Type 4X (304SS) H Type 4X (316SS) K Type 12	

K-Factor Non-Ventilated Transformers

Phase	K Factor			kVA			Primary Voltage		Secondary Voltage		Winding Material	Enclosure
	MT	0	4	K	0	7	5	P		B		S
Phase: MT - Three Phase		kVA: kVA Rating			Primary Voltage: 3PH K 480D P 600D		Secondary Voltage: 3PH B 208Y/120		Winding Material: S - Aluminum K - Copper		Enclosure: D Type 3RE E Type 3RX F Type 4 G Type 4X (304SS) H Type 4X (316SS) K Type 12	

Optional Type 4 & 12 Stainless Steel Enclosures

Optional type 4 and 12 enclosures are available in either type 304 or 316 stainless steel in accordance with ANSI, NEMA, UL and ABS requirements for indoor, outdoor and marine duty applications.

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