



First Philec

FIRST PHILEC INC. is the pioneer and leader in transformer solutions in the Philippines. It has been the preferred solutions provider to the country's power utilities, commercial and industrial businesses for more than 45 years. The company is also the largest manufacturer of amorphous transformers in Southeast Asia.

A member of the Lopez Group, FIRST PHILEC is the intermediate holding company of First Philippine Holdings Corporation (FPH) primarily for its manufacturing and technology-related investments. Through FIRST PHILEC, FPH intends to grow its investments in manufacturing to provide a more robust backbone to the country's economy—one that is founded on technological competitiveness and increased ability to add value to products and manufacturing services for the global market. FIRST PHILEC intends to achieve its growth by building on its core strength in operations excellence. With manufacturing as our core, we aim to engineer innovative industrial solutions.



www.firstphilec.com

Telephone numbers

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CORPORATE OFFICE ADDRESS

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Tower 3, Ortigas Avenue, Ugong,
Pasig City 1604, Metro Manila,
Philippines

PLANT ADDRESS

Second Street Extension
First Philippine Industrial Park
Brgy. Ulango Tanauan City
Batangas, Philippines

First Philec is the only local manufacturer of K-rated Dry Type transformers. Their sound levels are certified not to exceed limits and their electrical insulation system (Class F & H insulation system) are UL recognized.

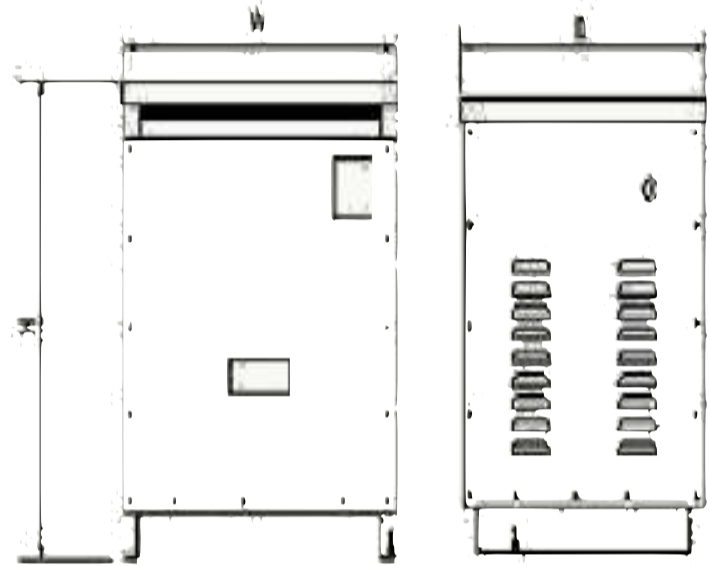
Our Dry Type transformers are used for general purposes and for the utilization of voltage from the distribution line to commercial or industrial applications. They are designed, manufactured and tested in accordance with ANSI / IEEE and NEMA standards.

QUALITY ASSURANCE

Quality assurance is an integral part of the process here at First Philec.

All finished units undergo quality testing before they are delivered to our customers. Our manufacturing facility and processes also adhere to international and local quality and process standards.

PRODUCT OUTLINE



QUALITY CERTIFICATIONS

UL File E308213 & E255705

ISO 14001 Certified (Environmental)

ISO 9001 Certified (Quality)

OHSAS 18001 Certified (Safety)



For sales inquiries:
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Visit us www.firstphilec.com

DRY TYPE TRANSFORMERS

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STANDARD SPECIFICATIONS and DIMENSIONS

Conventional and K-Rated

Non-standard ratings can be manufactured to accommodate customer requirements
Insulation Class H

VOLTAGE	KVA RATING	%IZ	APPROXIMATE DIMENSIONS (mm)			EST. Wt, kgs
			WIDTH	DEPTH	HEIGHT	
480V Delta 240V Wye	10	1.5 – 5.0	500	500	500	95
	15	1.5 – 5.0	500	500	600	105
	30	1.5 – 5.0	600	600	700	175
	45	1.5 – 5.0	700	500	800	235
	60	1.5 – 5.0	700	600	900	325
	75	1.5 – 5.0	800	600	900	330
	112.5	1.5 – 5.0	800	700	900	430
	150	1.5 – 5.0	800	700	1000	575
	225	3.0 – 7.0	1000	800	1000	730
	300	3.0 – 7.0	1000	800	1000	940
	500	4.5 – 8.0	1000	900	1300	1195
	750	5.0 – 8.0	1200	1000	1500	1900

PRODUCT SPECIFICATIONS

KVA RANGE (Single Phase)	5KVA to 333KVA
KVA RANGE (Three Phase)	10KVA to 1,000KVA
KVA RANGE (K-Rated)	50KVA to 500KVA
VOLTAGES	Max 600 Volts
INSULATION SYSTEM	Class H 180°C, UL Recognized Insulation System (UL File No. E308213)
TAPS (Three Phase)	2A2B, 2.5% (10KVA – 250KVA) 1A1B, 5% (if higher than 250KVA)
BIL	10KV
WINDING MATERIALS	Copper-Copper (Cu-Cu), Aluminum-Aluminum (Al-Al)
EFFICIENCY	97% and above
TEMPERATURE RISE	Low Temp Rise Design at 115°C
ENCLOSURE	NEMA 1 (Indoor)
	NEMA 3 (Outdoor)
TEST STANDARD	ANSI / IEEE, NEMA

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