3-Phase Ventilated
Dry-Type Transformers



JEFFERSON

A VOLTARIS Company

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3-Phase Ventilated Dry-Type Transformers

Product

Jefferson Electric offers a full line of three phase Ventilated Dry Type Transformers designed to meet the highest industry standards for quality, durability, and reliability in the commercial, industrial, and OEM markets.

Applications

- For general loads, indoors or out, including lighting, industrial and commercial applications

Specifications

- Meets DOE-2016 Standard for energy efficiency
- 60 Hz
- 15 – 1,000 kVA range
- Aluminum windings
- 150°C temperature rise
- 220°C insulation class
- NEMA 3R enclosure for indoor or outdoor use
- Heat-cured ASA-61 gray powder coating finish
- Cores of high quality electrical steel
- UL / cUL Rated

Standards

- Meets DOE 2016 standard Part 431, Subpart K for energy efficiency
- Built in accordance with NEMA, ANSI and CSA standards
- UL and cUL Listed

Features, Functions, Benefits

- Space saving design for easy handling and installation
- Termination lugs provided with transformer through 75 kVA
- Vibration isolation pads provide quiet operation
- Staggered front loop taps for easy connection
- Nationwide inventory for fast delivery

Options and Accessories

Consult factory for more information

- 50 Hz
- Copper windings
- 115°C, 80°C temperature rise
- Special impedance
- Electrostatic shields
- K factor rated
- Models with CE Marking are available on request



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Dry Type Three Phase Ventilated High Efficiency Transformers

General purpose DOE-2016 efficient models

kVA	Catalog Number	Full Capacity Taps		Dimensions (inches)			Net Wt (lbs)
		FCAN	FCBN	Height	Width	Depth	
480V Δ – 208Y / 120V, 60 Hz, Aluminum windings, 150°C temperature rise							
15	423-9164-000	2@2.5%	4@2.5%	22	19	21	215
30	423-9194-000	2@2.5%	4@2.5%	25	22	22	330
45	423-9214-000	2@2.5%	4@2.5%%	28	25	23.5	415
75	423-9234-000	2@2.5%	4@2.5%	32	27	26	585
112.5	423-9254-000	2@2.5%	4@2.5%	38	29	29	795
150	423-9264-000	2@2.5%	4@2.5%	42	33	32.5	1,035
225	423-9294-000	2@2.5%	4@2.5%	46	35	37	1,430
300	423-9314-000	2@2.5%	4@2.5%	52	35	37	1,755
500	423-9344-000	2@2.5%	2@2.5%	60	48	43.5	2,760
750	423-9364-000	2@2.5%	2@2.5%	72	52	44	4,150
1,000	423-9394-000	2@2.5%	2@2.5%	81	66	61	6,000
480V Δ – 240V Δ, 120V center tap, 60Hz, Aluminum windings, 150°C temperature rise							
15	423-9167-000	2@2.5%	4@2.5%	22	19	21	215
30	423-9197-000	2@2.5%	4@2.5%	25	22	22	330
45	423-9217-000	2@2.5%	4@2.5%	28	25	23.5	415
75	423-9237-000	2@2.5%	4@2.5%	32	27	26	585
112.5	423-9257-000	2@2.5%	4@2.5%	38	29	29	795
150	423-9267-000	2@2.5%	4@2.5%	42	33	32.5	1,035
225	423-9297-000	2@2.5%	4@2.5%	46	35	37	1,430
300	423-9317-000	2@2.5%	4@2.5%	52	35	37	1,755
500	423-9347-000	2@2.5%	2@2.5%	60	48	43.5	2,760
750	423-9367-000	2@2.5%	2@2.5%	72	52	44	4,150
1,000	423-9397-000	2@2.5%	2@2.5%	81	66	61	6,000

Dimensions subject to change without notice. Consult factory if exact measurement are critical



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