



Improved safety, reliability, efficiency - at a lower cost

Consultants, engineering firms, contractors, and end-users are all reconsidering their previous indoor uses of dry-type transformers indoors and making the switch to Eaton's Cooper Power™ series transformers filled with superior fluids.

Fire safety and environmental advances have made the liquid-filled transformer the transformer of choice.

In more than thirty-five years of use, transformers with fire resistant fluids have never been the cause of a building or fluidpool fire. VPI dry-type and cast-resin transformers cannot claim this same perfect fire safety record.

Envirotran™ indoor-powercenter compared to dry-type transformers

- Lower initial cost
- Lower installed cost
- Higher energy efficiency
- Lower sound level
- Longer insulation life
- Higher contamination resistance

- Higher short- and long-term overloadability
- Routine maintenance does not require downtime
- Integrated overcurrent and overvoltage options may eliminate traditional switchgear

Specifically designed and approved for all indoor or covered roof-mounted applications placing the transformer near the load, Envirotran™ transformers are suitable in most commercial and industrial environments.

Product scope:

- Unit substation transformers thru 10 mVA
- Close-coupled or stand-alone
- Primary voltages: 5 kV through 35 kV, 200 kV BIL
- Secondary voltages: 120 V through 15 kV, 95 kV BIL
- Classified by UL® and approved by FM®
- 15% or 25% fan cooling
- 55/65 °C or 55/75 °C temperature rise

Standard features:

- Envirotemp™ FR3™ Fluid—the highest firepoint of any fluid in the industry
- Enhanced transformer insulation life
- Meets all NEC safety requirements of Section 450-23 for indoor transformer applications
- EPA/ETV tested and approved



Powering Business Worldwide

Applications

- Schools and universities
- Steel producers
- Hospitals
- Insurance companies
- Religious institutions
- Automotive industry
- Theme parks
- Commercial/institutional
- Industrial manufacturing
- Petro/chemical industry
- Power generation
- Pulp & paper industry
- Office buildings
- Food & drug industry

Optional features:

- Deadfront termination: radial, or loop configurations
- Containment pan
- K-factor rated
- Vacuum fault interrupter (VFI) integral to the transformer tank
- 33% fan cooling rating

Make the indoor-powercenter work for you

- No fire-rated electrical vaults required
- No sprinklers or deluge systems required
- Containment pans available
- Less clearance distances required
- Lower insurance rates



For more information on Envirotran
Indoor-Powercenter transformers, visit
Eaton.com/cooperpowerseries

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Printed in USA
Publication No. PA202006EN
supersedes B210-05002
November 2016

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