



## The Indoor-Powercenter™ Transformer

Improved Safety, Reliability, Efficiency—at a Lower Cost

### 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



**Consultants, engineering firms, contractors, and end-users are all reconsidering their previous uses of dry-type transformers indoors and making the switch to the superior new fluids. New fire safety and environmental advances have made the liquid-filled transformer the transformer of choice.**

**Description:** Specifically designed and approved for all indoor or roof-mounted applications placing the transformer near the load. Envirotran™ Transformers are suitable in all commercial and industrial environments. In thirty years of use and over 250,000 units, transformers with fire-resistant fluids have never been the cause of a building or fluid-pool 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

### 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<sup>®</sup> and Approved by FM
- 15% or 25% fan cooling
- 65°C or 55/65°C temperature rise



### Standard Features:

- Envirotemp<sup>®</sup> FR3<sup>™</sup> 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



### Optional Features:

- Deadfront termination: radial, or loop configurations
- Containment pan
- K-factor rated
- NEMA TP-1 energy efficiency
- Vacuum fault interrupter (VFI) integral to the transformer tank
- 33% fan cooling rating

### 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



**Use anywhere dry-type transformers  
have been specified.**

For more information on Envirotran Transformers, please refer to  
"Rethinking Transformers For Safety, Performance, and Value"  
<http://www.cooperpower.com/library/pdf/00006.pdf>

 **COOPER** Power Systems

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Bulletin B210-05002 • March 2006 • Supersedes May 2005

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