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> New Arc Venting Technology

COMBINING OUR STRENGTHS TO BUILD THE FUTURE

Arc Arrestor Technology

Safe Arc Venting Within the Electrical Room

This novative patent pending technology is the result of more than 5 years of R&D and more than 15 arc resistant tests in High Power Laboratory. The product was Initially developed to answer a primary need of Northern Canadian micro-grid areas were ceiling inside shelter is low and ducting to outside is not allowable due to past condensation problem.

Features

- Only 12 inches (300 mm) of ceiling clearance required
- Energy absorber combined with a labyrinth effect reduce the temperature and speed before safely exhausting gases within the room
- No civil work for ducting to exterior

Safety by Design

- Engineered and completely tested according to IEEE C37.20.7
- No more air-blast shock wave on building surface
- No more risk of condensation and water drip inside switchgear associated to gas ducting to exterior in cold winter areas
- No more risk of catastrophic failure to open due to ice build-up on the outdoor cover

Compatible Switchgears

- Grimard SafeClad switchgear
- Third party switchgears (call us for info)

Standards

- IEEE C37.20.7
- CSA C22.2 No. 0.22

Versions Available

- Standard version Max. arc energy of 14.1 MJ for 1 sec.
- High Duty version Max. arc energy of 67.7 MJ for 1 sec.





Standard Arc Venting 40 kA, 15 kV



after 5 msec

after 50 msec

after 500 msec



after 5 msec

after 50 msec

after 500 msec