What is Sequestr and Why Should my Customers Care about it?

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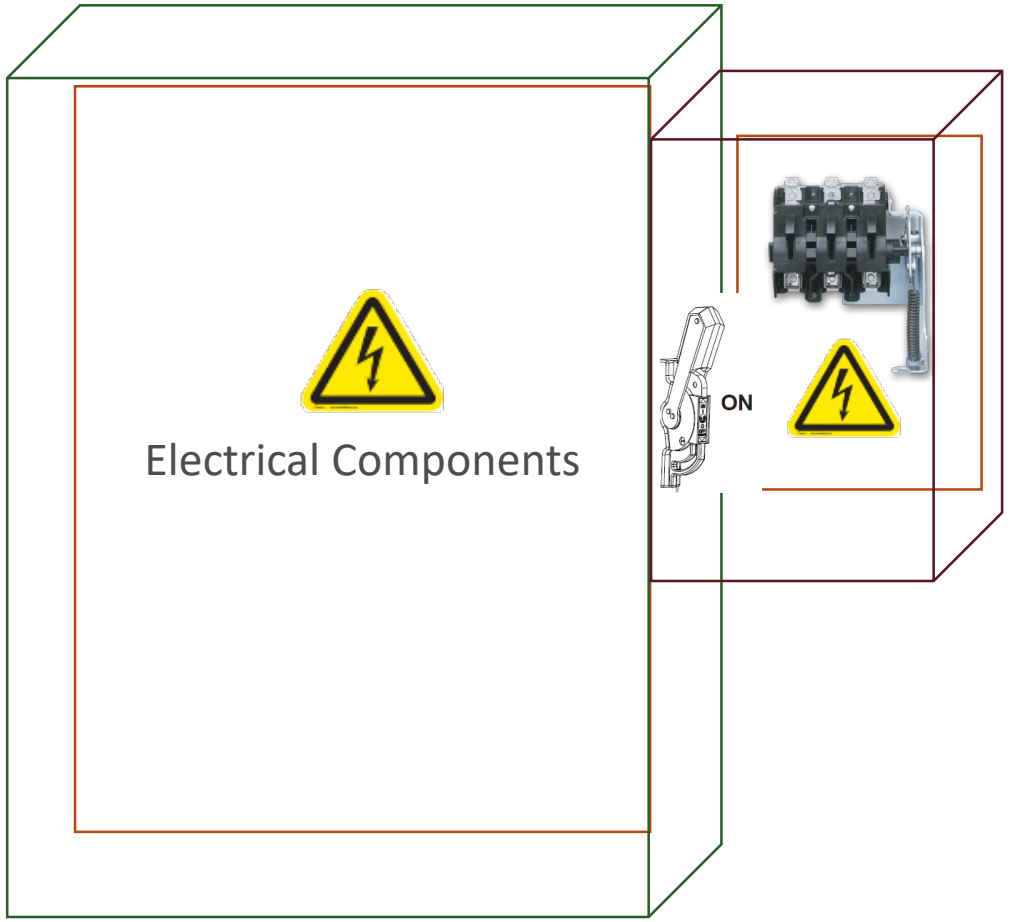
Month xx, Year

nVent

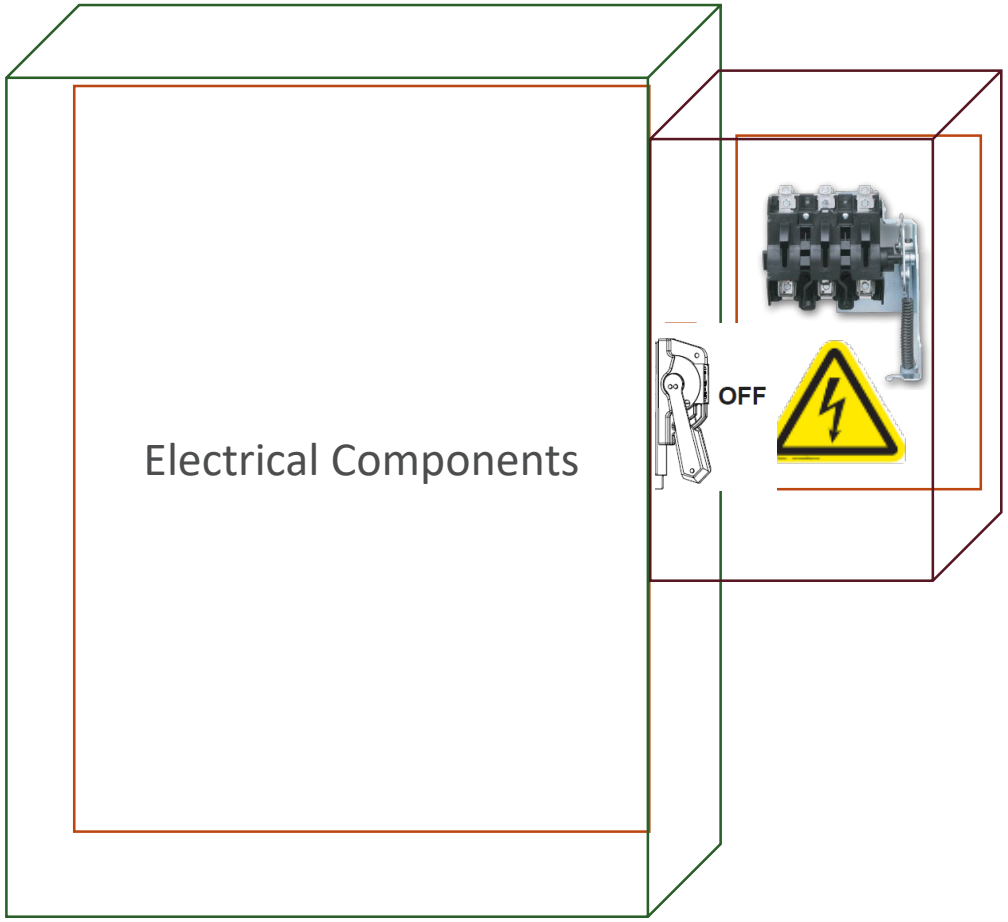
Sequestr is an Arc Flash **Prevention** Solution.

Sequestr mounts on and interlocks with Hoffman's large disconnect enclosures to isolate the line side power of the disconnect. This eliminates the hazard of line side power inside the main enclosure.

When the disconnect handle is in the ON position, an electrical shock and Arc Flash hazard is present in all enclosures.



When the disconnect handle is in the OFF position, the hazard is removed downstream of disconnect (Load Side). This eliminates the hazard and risk of electrical shock or arc flash by accidental contact in the main enclosures. Line side voltage hazard is still present inside Sequestr



Sequestr is **NOT** an Arc Flash Containment solution and does **NOT** contain an Arc Flash in the event one does occur.

Enclosures that do contain the blast from an Arc Flash are commonly labeled as “Arc Containment” and Hoffman does not have an offering for this application.

Sequestr is a product family consisting of multiple sizes in Mild Steel and 304 Stainless Steel to cover disconnect and environmental needs

Description	Mild Steel	304 Stainless Steel
Sequestr Low Amp Kit		
Sequestr High Amp Kit		

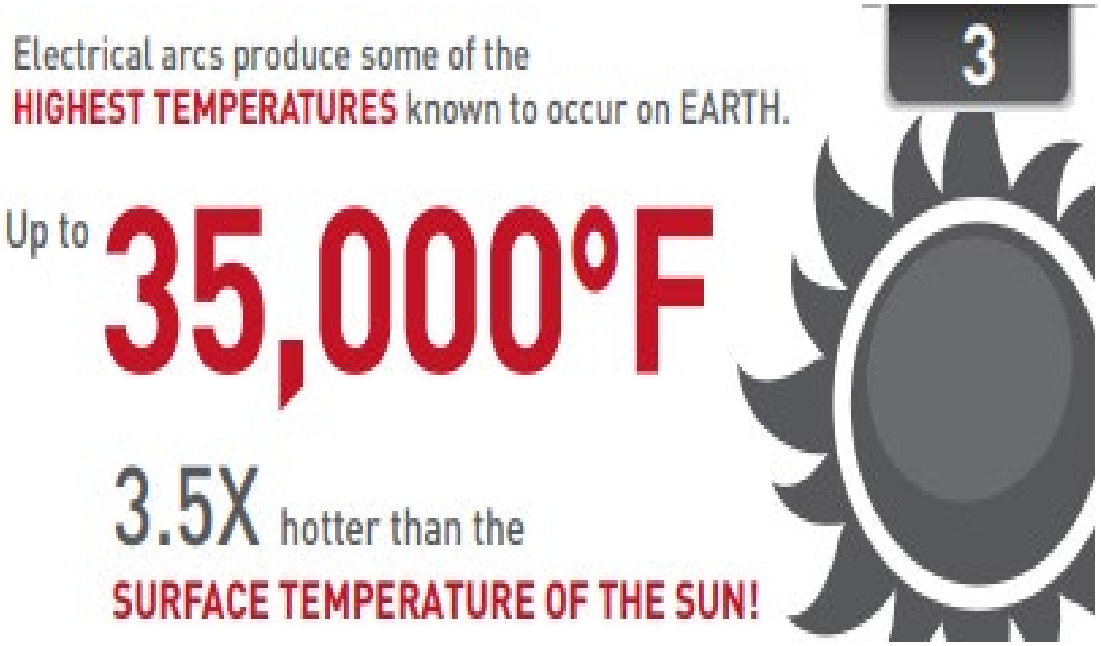
Catalog Number	Material	Type Rating	Size
AXD341412	Mild Steel	4, 12, 3R	34”x14”x12”
AXD341418	Mild Steel	4, 12, 3R	34”x14”x18”
AXD341424	Mild Steel	4, 12, 3R	34”x14”x24”
AXD542018C	Mild Steel	4, 12, 3R	54”x20”x18”
AXD542024C	Mild Steel	4, 12, 3R	54”x20”x24”
AXD341412SS	304 Stainless Steel	4X, 3R	34”x14”x12”
AXD341418SS	304 Stainless Steel	4X, 3R	34”x14”x18”
AXD341424SS	304 Stainless Steel	4X, 3R	34”x14”x24”
AXD542018SSC	304 Stainless Steel	4X, 3R	54”x20”x18”
AXD542024SSC	304 Stainless Steel	4X, 3R	54”x20”x24”

Why would my customers want to use Sequestr

*__IMPROVED SAFETY FOR YOUR EMPLOYEES__ by eliminating risk of Electrical Shock or Arc Flash during routine maintenance or repair in enclosures down stream (load side) of disconnect when system is in an Electrically Safe Work Condition compliant with NFPA 70E

- *Eliminating the risk is dependent on proper enclosure design following NFPA 79 where each enclosure with operating parts at or above 50 volts ac (rms value) or 60 volts DC has a disconnecting means for each supply circuit, and is mechanically or electrically interlocked, or both, with the control enclosure doors so that none of the doors open unless the power is disconnected.

An Arc Flash can occur from accidental contact or environmental failure such as dust, corrosion, or moisture resulting in



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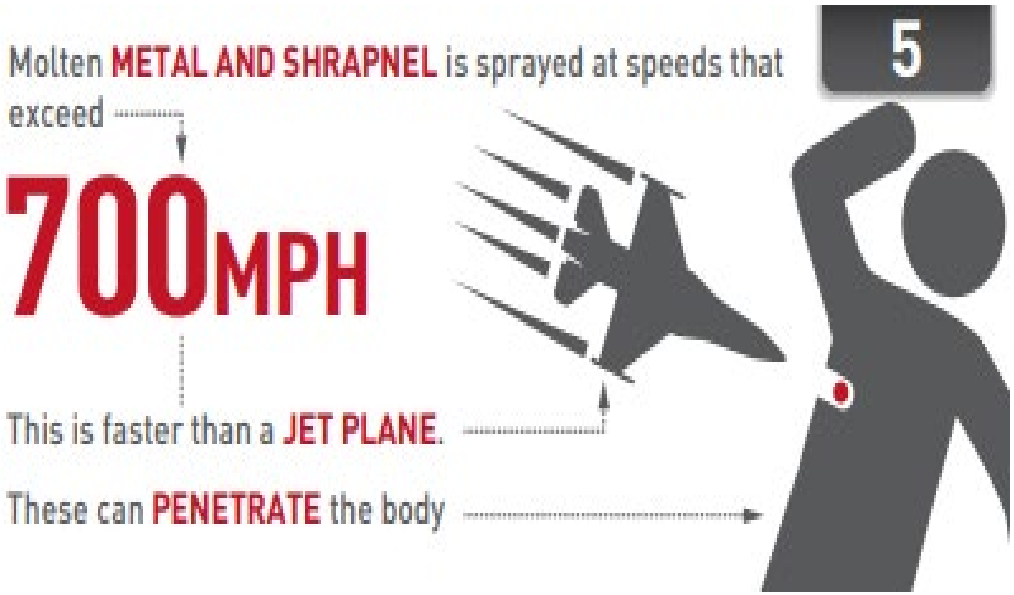

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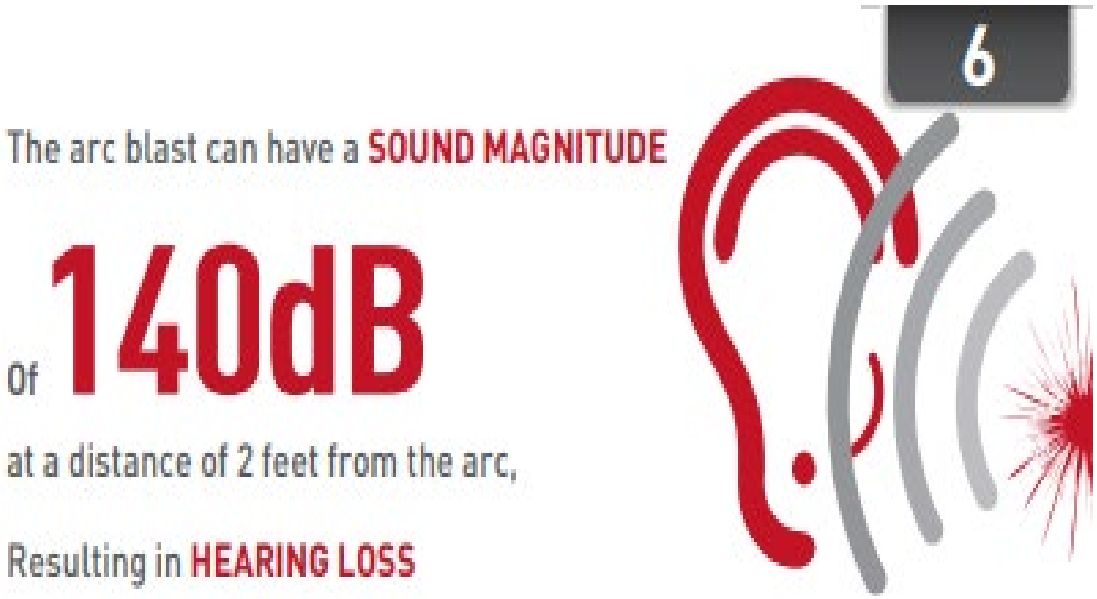

Industry standards are increasing scrutiny on safety

PtD
Prevention through Design

OSHA

Key features and value of Sequestr

1. Reduced Risk

Reduce risk of electric shock and arc flash during routine maintenance and troubleshooting improving the work conditions for employees

2. Reduce Total Cost of Ownership

Patented design streamlines routine maintenance and troubleshooting, while enhancing durability, reliability and longevity **reducing troubleshooting, maintenance and repair time**

3. Reduced Design Time

Broad portfolio isolates low to high amp disconnect switches & circuit breakers in mild steel & stainless steel large enclosures **reducing design time**

1. **Padlocking handle** for increased security on Sequestr
2. **Robust door to door mechanical interlock** provides dependable security reducing assembly time and maintenance costs
2. **Compression stops and improved gasket** geometry provides reliable environmental ratings and assurance in assembly
3. **Mild Steel and Stainless Steel** options providing Type 4X, 4, 12 and 3R ratings
3. **Expanded size range** can accommodate cable operated or variable rod operated disconnects from *30 AMPs to *800 AMPs
3. Can mount on **Bulletins A21, A21S4, A28, A28S4, A34, and A4L3D**

Allowed AMP rating is dependent on system design and NEC 430.10B standard. Depending on design higher AMP breakers can be used

Thank you