How to Select the Right Sequestr Model

2019

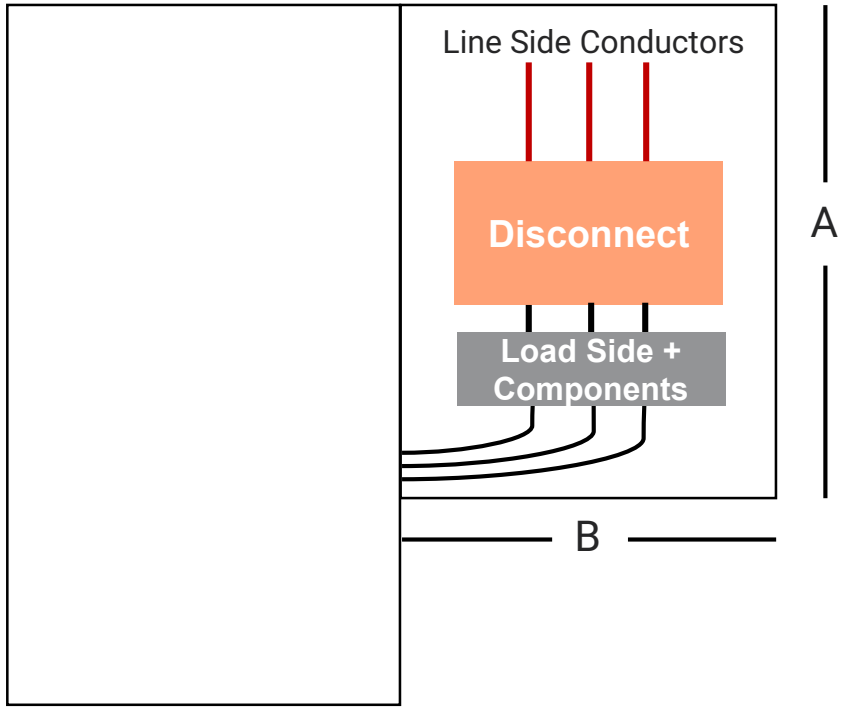
Click to add Presenter
Month xx, Year

nVent

There are 5 different sizes of Sequestr in two material types. To choose the right one, the following information is required:

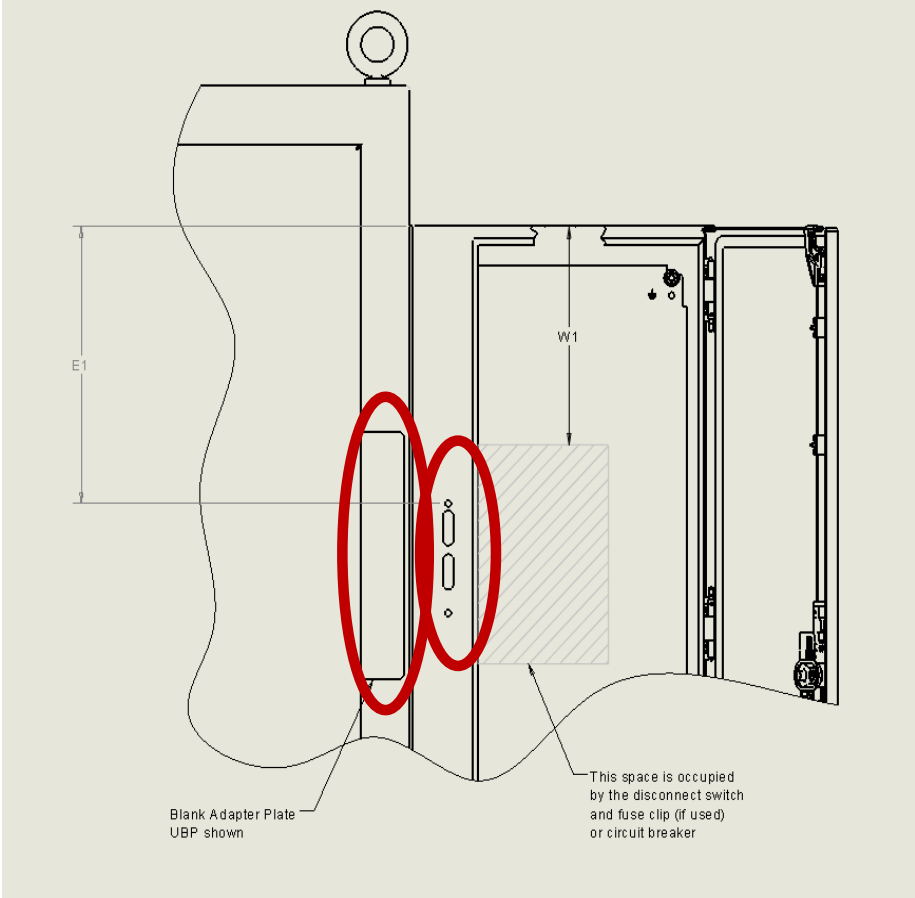
1. The disconnect device being used, and the required area for wire bend space
2. The operating mechanism and handle type
3. The depth of the deepest component being mounted in the main enclosure or Sequestr
4. The required environmental rating for the application

1. The size of the disconnect being used plus the area of the line and load side conductors bend radius based off NFPA NEC 430.10(B) standard. This will determine the **Height and Width** of Sequestr needed. Sequestr is just like other enclosures, and the important part when selecting is the panel space available.

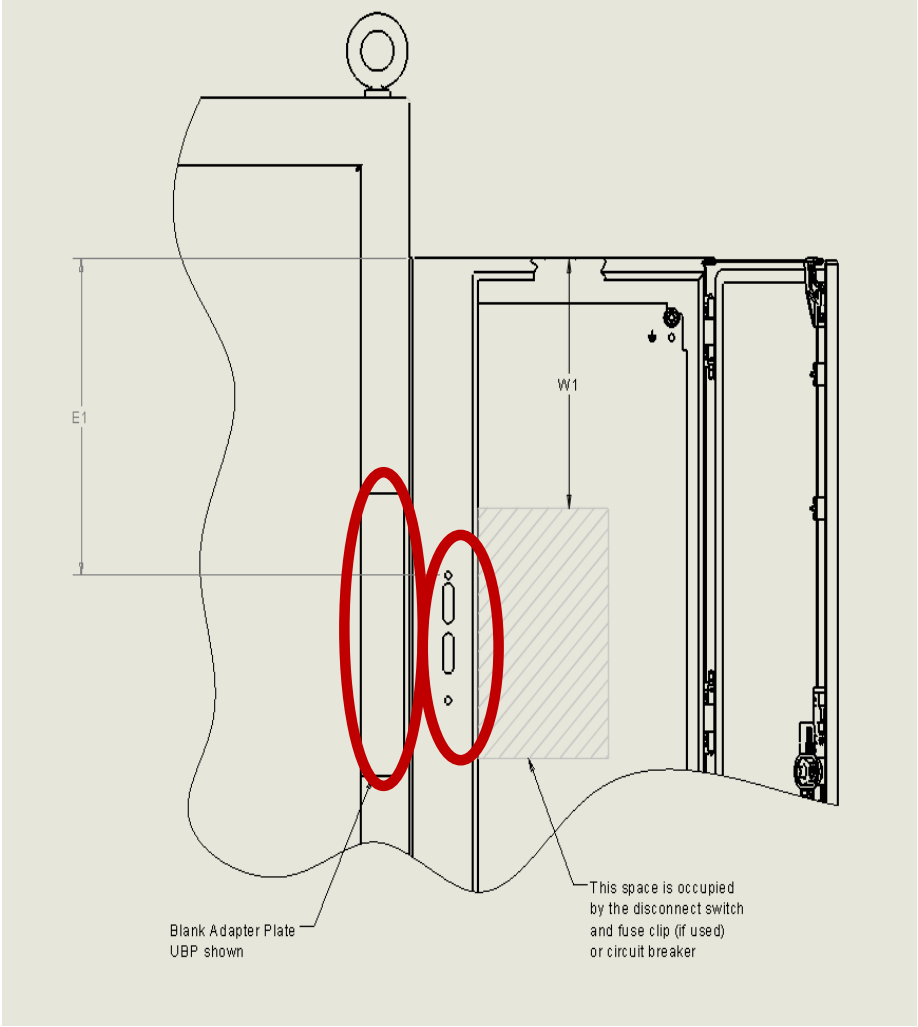


2. The operating mechanism and disconnect handle type and size is important because it will dictate where the handle will mount and what enclosure can be used.

The low Amp Sequestr can use left-hand or universal **variable rod flange mount disconnects** that use the preferred cutout. These disconnect handles have to mount on Sequestr since the rod has to be in line with the disconnect. A universal blank adapter kit is required to seal the cutout on the large enclosure.

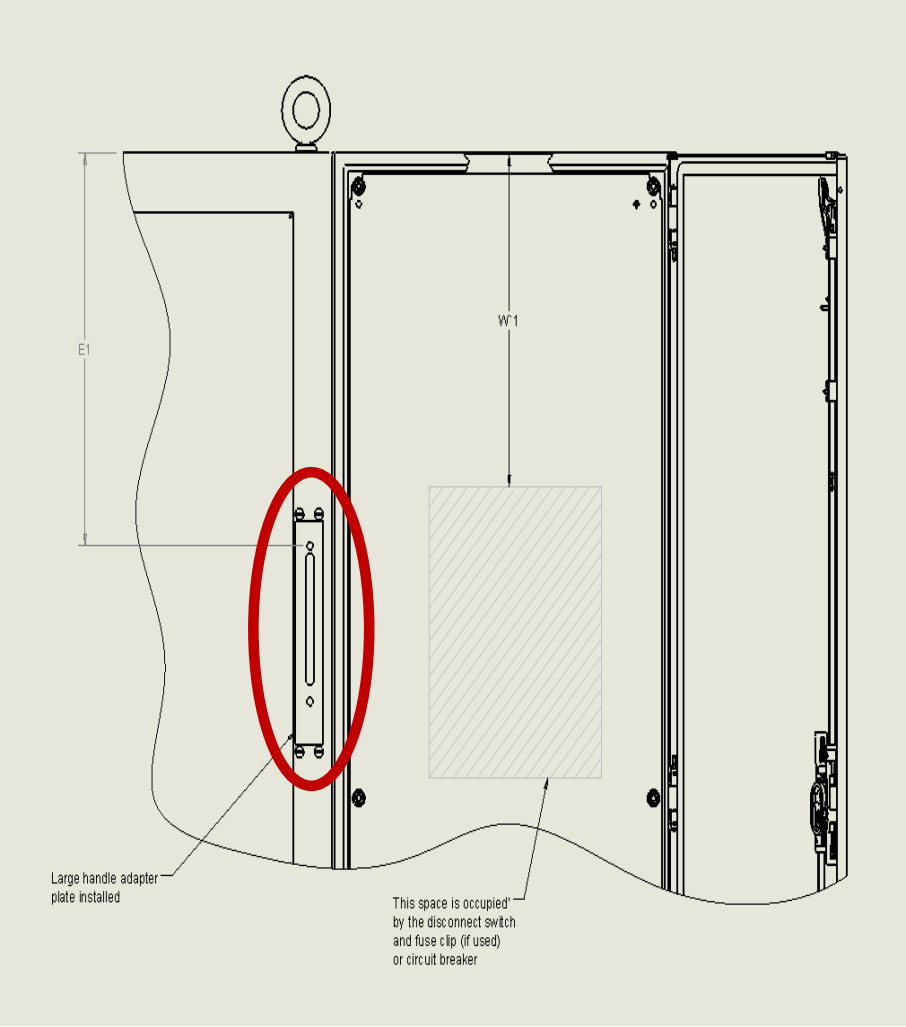


The Low-Amp Sequestr can also use a left-hand or right-hand cable operated disconnect handle. To use a right-hand disconnect handle, the handle must be mounted in the main enclosure and the corresponding adapter plate must be ordered. To use a left-hand disconnect handle, the handle must be mounted inside Sequestr and a universal blank adapter plate must be ordered to plug the cutout on the large enclosure

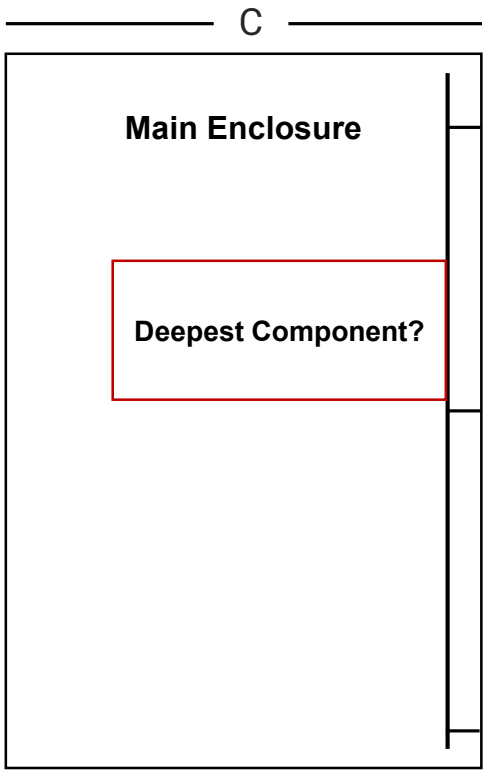


The High-Amp Sequestr can only use right-hand or universal cable operated disconnect handles, and they must be mounted in the main enclosure with the cable routed through the main enclosure into Sequestr.

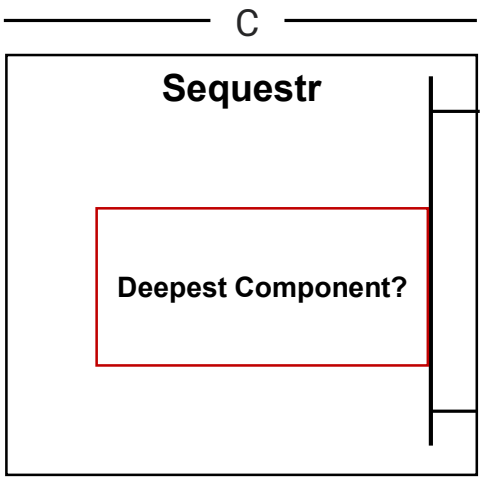
The customer needs to use Cable operated devices when using the High-Amp Sequestr



3. The depth of the deepest components being mounted in the large enclosure or Sequestr is key to selecting the right depth Sequestr.



Determine the depth of the main enclosure, then match Sequestr. Make sure that Sequestr depth is sufficient to fit disconnect components. Sequestr cannot



4. The required environmental rating to determine if painted Mild Steel or 304 stainless steel is required.

Mild Steel Type Ratings
4, 12, 3R

Stainless Steel Type Ratings
4X, 3R

Which enclosures work with Sequestr?

Mild Steel					
Low AMP  AXD341412 AXD341418 AXD341424 High AMP  AXD542018C AXD542024C					
	Bulletin	A21	A28	A34	A4L3D
	Name	Two-Door with Floor Stands Disconnect Enclosure, Type 12	Heavy-Duty Free-Stand Disconnect Enclosure, Type 12	Modular Disconnect Enclosure, Type 12	Free-Stand Disconnect with Quick-Release Hinge, Type 4

Stainless Steel			
Low AMP  AXD18SS AXD20SS AXD24SS High AMP  AXD542018SSC AXD542024SSC			
	Bulletin	A21S4	A28S4
	Name	Two-Door Enclosures for Flange-Mounted Disconnects, Type 4X	Heavy-Duty Free-Stand Enclosures for Flange-Mount Disconnects, Type 4X

Thank you