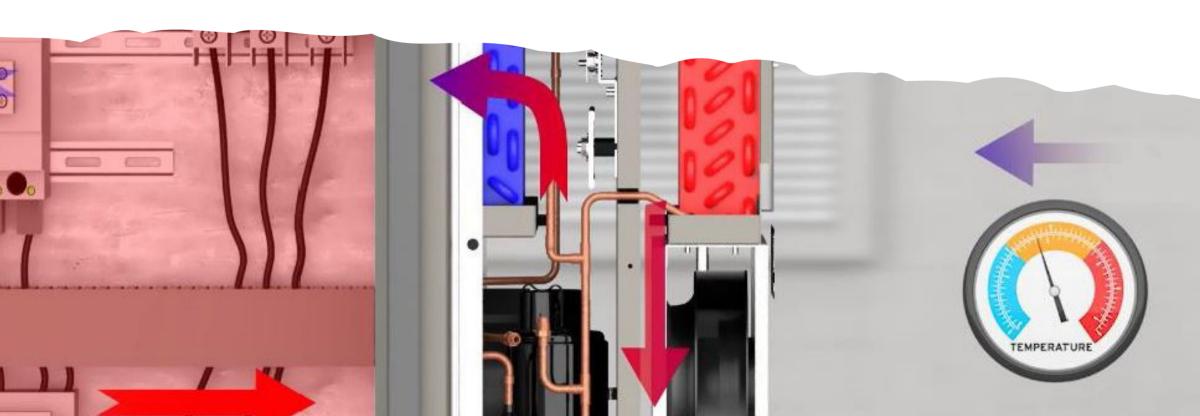


Early Planning Helps Avoid Problems Later!

To create the optimum environment for the application, an evaluation of the anticipated operating conditions and thermal requirements must be completed.





Does the entire interior of the enclosure require cooling, or is spot cooling adequate?





Are there any components that are particularly sensitive to heat or other adverse conditions?





3

How much heat (in watts) is being produced within the electrical enclosure?







What is the maximum temperature acceptable within the electrical enclosure?





5

What is the maximum temperature range of the ambient air surrounding the enclosure?





Is a specifically maintained temperature range required?





7

Is the enclosure located indoors or exposed to outdoor elements?







Does the ambient air contain dirt, oil, corrosives, or contaminants harmful to the enclosure contents?





9

Where can a thermal management device be mounted on the enclosure?





10

Do the contents contained within the enclosure need to be isolated from the ambient air?

Read summary and next steps:





After all of the application-specific factors are considered, one can begin to decide which cooling product provides the most appropriate and cost-effective solution.

A little time and effort spent early in the design process to choose the optimum cooling equipment can save a lot of trouble and expense later, as this would prevent the need to retrofit with proper cooling devices in the field.

Contact an enclosure cooling expert at (609) 466-3400 or kooltronic.com.

