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Compact Heat Exchangers Definition.

Compact heat exchanger can be characterized by its high 'area density' this means that it has a high ratio of heat transfer surface to heat exchanger volume. So Compact heat exchange is characterized by high heat transfer surface-area

to volume ratios and high heat transfer coefficients compared to other exchanger types. What is a compact heat exchanger and what do we use it for? Compact heat exchangers are ideal for small batch processes, point-of-use streams, research and development and pilot scale applications. These smaller shell and tube heat exchangers are often incorporated

into air conditioning and heating systems, or used as a means to capture wasted heat within a larger process. Compact Heat Exchangers | Enerquip Compact Heat Exchangers is a compilation of experimental data on the basic heat transfer and flow friction characteristics of "compact" heat exchanger surfaces, i.e., surfaces with the characteristic of large area per unit of

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