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Heat Exchanger Fundamentals

heat transfer area Therefore a plate type heat exchanger, as compared to a similarly sized tube and shell heat exchanger, is capable of transferring much more heat This is due to the larger area the plates provide over tubes Due to the high heat transfer efficiency of the plates, plate type heat exchangers are usually very small when compared

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Chapter 12, E&CE 309, Spring 2005 1 Majid Bahrami Chapter 12: Radiation Heat Transfer Radiation differs from Conduction and Convection heat t transfer mechanisms, in the sense that it does not require the presence of a material medium to occur

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