

IMPROVE A SHELL AND TUBE CONDENSER IN LIMITED SPACE PROVIDED

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ABSTRACT

Presented in this report is the improvement made on a shell and tube condenser which was originally design by Mr. Seyed Amirmostafa Jourabchi. Two new condensers were designed and the comparison on heat transfer for these condensers has been made.

The selection on the size of pipe and tube and the material used for the condenser were stated. Real price tagging with outsource fabricators and material suppliers of these condensers has also being performed in this report.