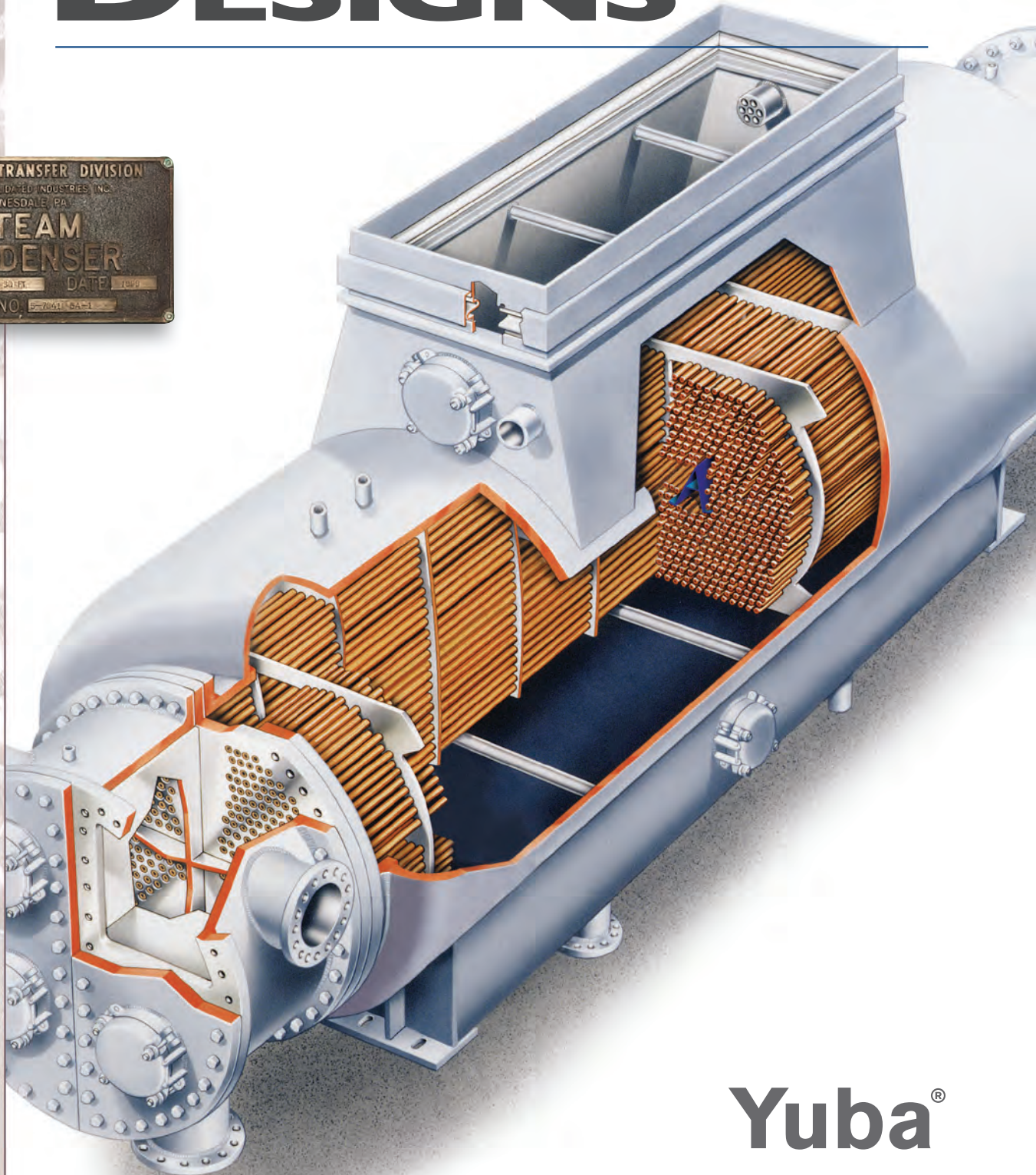


# STEAM CONDENSER DESIGNS



**Yuba®**

# STEAM CONDENSER



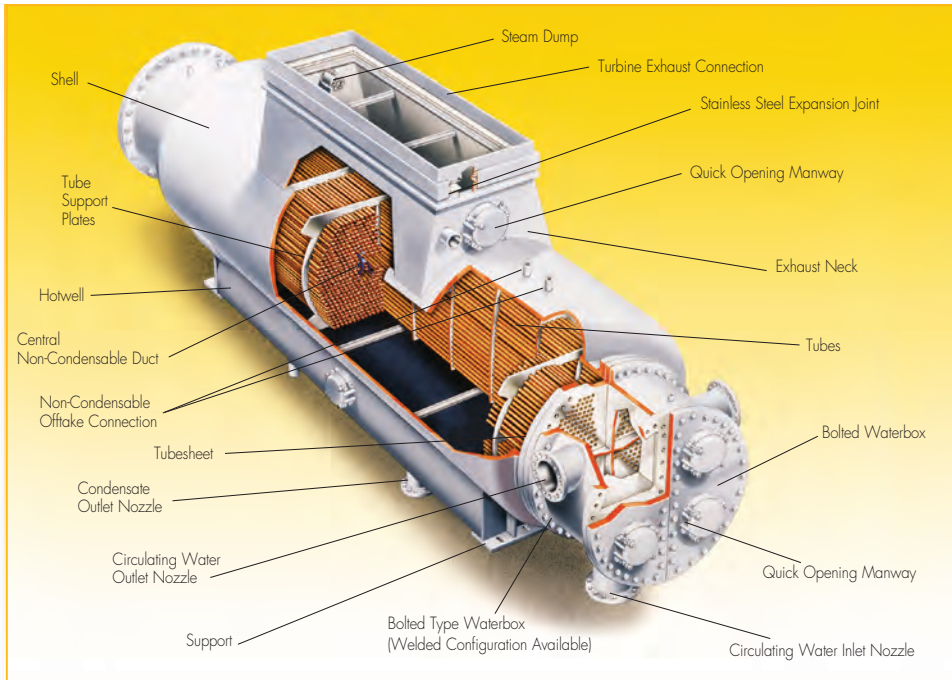
SPX Heat Transfer produces the Yuba series of highly efficient condensers, which are proven in service for industrial, cogeneration, and waste-to-energy applications.

Effective steam condenser design, of necessity, must take many performance variables into consideration. Not the least of these variables is:

- The configuration of the exhaust flow pattern entering the condenser
- The moisture content of the incoming steam
- The design of the transition piece to achieve the most uniform distribution of incoming steam over the tube bundle
- Shell design parameters that provide maximum support to the tube bundle without impacting pressure drop
- Deaeration and re-heat requirements for the steam condensate
- Tube sheet design considerations that will enhance the steam flow over and through the tube bundle to achieve maximum performance efficiencies
- Plus many more design variables that impact condenser performance.







SPX Heat Transfer consistently addresses a greater number of design considerations than other manufacturers. Based on current operations for Yuba condenser designs, and the decades of experience in our engineering staff, fewer unanticipated design anomalies exist. SPX Heat Transfer engineers know what to anticipate.

Yuba steam surface condensers provide significant performance advantages, including typically longer service lives. The Yuba design method, proven by fluid tests, facilitates the production of leak-tight welded or roller expanded joints with thin walled tubing, whether 25 BWG titanium or 22 BWG stainless steel.

Call SPX Heat Transfer for your steam surface condenser needs, whether they are for new units, or for repair or retrofit. We have the answers for your steam surface condenser questions.





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In the interest of technological progress, all products are subject to design and/or material change without notice

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