

Holtec Asia's Steam Surface Condensers



The primary function of a steam surface condenser in a power plant is to condense turbine exhaust steam. The generating capacity of a power plant is critically dependent on the performance of its main steam surface condenser. Holtec Asia provides steam surface condensers designed and fabricated to the highest standards, offering superior performance, efficiency and reliability. Design options include: cylindrical, inverted "U," rectangular, axial exhaust, down exhaust, single or multiple pressure, single or multiple shell and divided or non-divided waterbox. Holtec Asia's has supplied steam surface condensers to coal fired, gas fired, co-generation, waste-to-energy and nuclear power plants ranging in output from 10 MW to over 1000 MW.



Tube layout ensures proper steam distribution



Non-segmental baffles minimize pressure drop



Incredibly efficient air collection and cooling section



Modular fabrication minimizes field erection



Shell internals reheat condensate as it flows into hotwell



Waterboxes streamline the flow of circulating water