

Top Condenser

CONDENSATION OF VALUABLE PRODUCTS IN TOP OF COLUMN

TOP CONDENSER

ATHCO-Engineering A/S (ATHCO) designs and manufactures integrated condensers for a wide range of applications. We offer a wide variety of proven Top / Overhead condensers built on years of improvements and optimization.

ATHCO Thermo Plate condensers are known for their sturdiness and custom-made design fitting in most demanding applications.

We supply condensers in stainless steel grades such as SS316, SAF 2205, 904L and SMO.

For sizing and engineering we use advanced computer calculation programs to ensure optimum operation and efficiency. Our condensers are primarily used as top condensers in distillation plants and exhaust gas condensers in combustion plants.

PRODUCT ADVANTAGES

- Robust design – can be made as one or two stage condensers
- High thermal operating efficiency due to high heat transfer coefficients
- Compact design with a high surface area-to-volume ratio
- Low pressure drop for optimal design and low OPEX
- Easy to clean
- Low maintenance cost

- Enhanced heat recovery through condensation of moisture
- Long life due to robust design and materials chosen for specific application

FIELDS OF APPLICATION

- A broad range of processes where valuable product is condensed in top of column typically at vacuum conditions
- Typical industries: Chemical process plants, Food and Pharmaceutical industries

