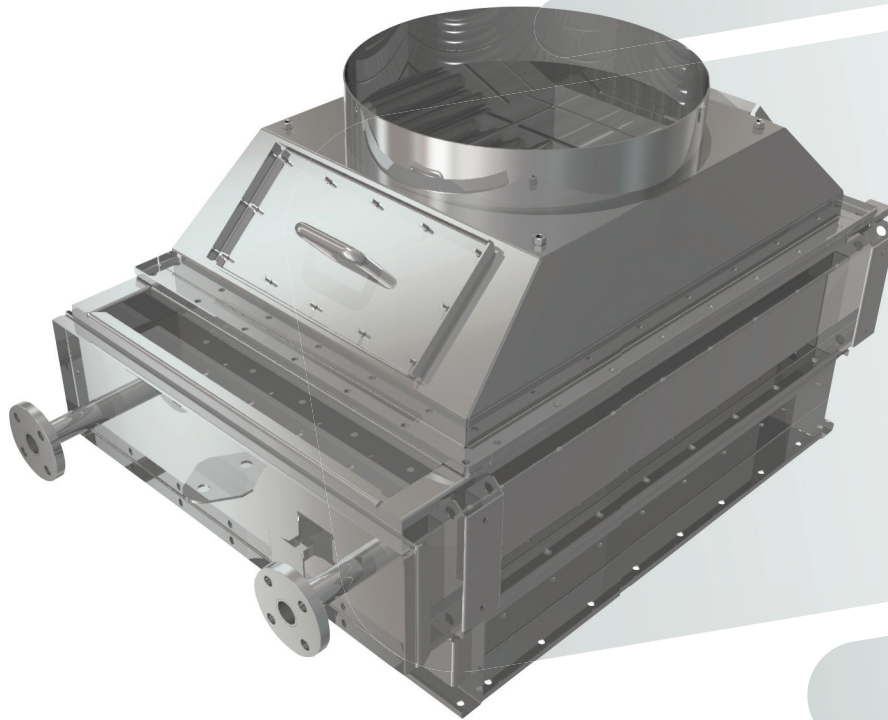


PACKAGED
HEAT
EXCHANGERS

ECONOMIZER & CONDENSING HEAT EXCHANGER



DAV·Econd



About Econd Family

DESCRIPTION

DAV Econd is designed to recover heat from exhaust gas produced for example by boilers and turbines or combustion engines used in co-generation (combined heat and power systems).

It is a simple and cost-effective way to increase the system efficiency, reducing energy demand and CO2 emissions. The heat exchanger transfers the heat from the exhaust gas to a liquid (water, water-glycol solutions or oil).

The heated-up liquid can be used in other applications such as preheating feedwater in steam

boilers, heating potable water or process fluids (technical water, thermal oil). Indirectly can heat-up air for the combustion chambers of furnaces and turbines, to dry grains, pulp, wood and other materials.

Specific modules can reduce the exhaust gas temperature below the dew point, condensing the vapours and recovering the latent heat as well.

The choice of materials and design is made according to the performance and conditions indicated by the customer.

ADVANTAGES

- **Modular design** for high versatility
- **Integral Gas** bypass option
- **Removable exchangers** cartridge-type
- **Opening for inspection** and cleaning
- **Acid proof materials** for corrosive environments
- **Up to 70% welded** joints less



DAVCOIL
HEAT EXCHANGERS

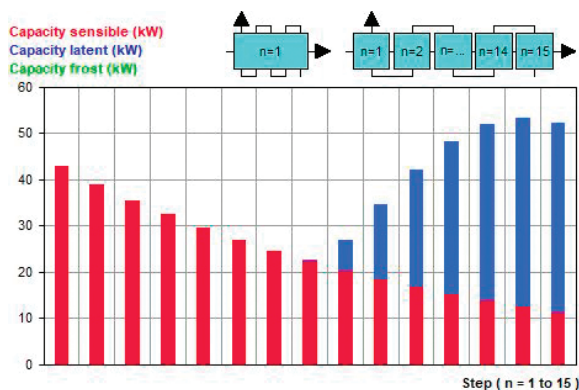


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www.davcoil.com



Efficiency

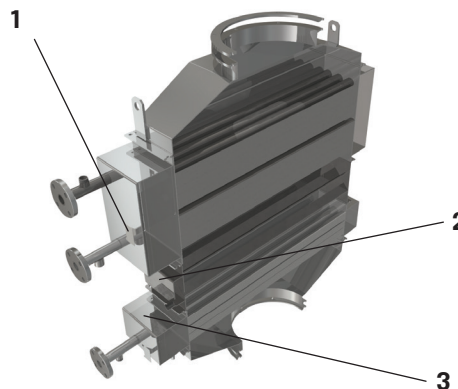
INCREASE THE EFFICIENCY OF THE SYSTEM



Economizer
sensible heat
recovered

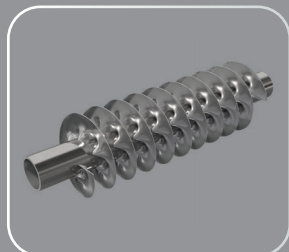
Condenser
Recovered both
sensible and latent
heat

Modularity

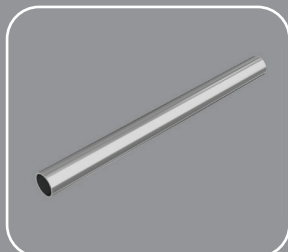


- 1/ Condenser #2
- 2/ Condensate collector & drain
- 3/ Economizer #1

Types of Tube



- FINNED TUBES FOR HIGH EFFICIENCY

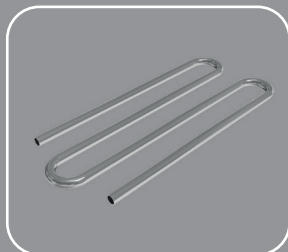


- SMOOTH TUBES FOR DIRTY EXHAUST GASES

Seamless Circuits

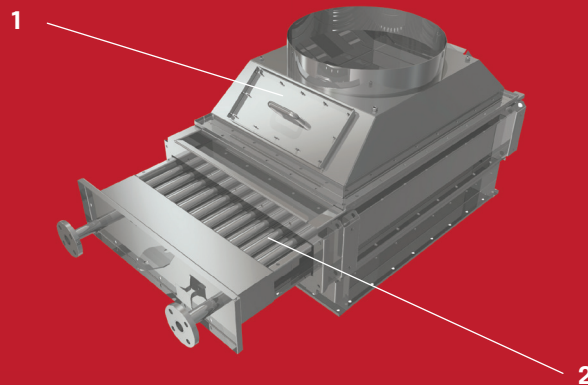


- SEAMLESS FINNED TUBES COILS



- NO WELDED ELBOWS JOINTS

Smart Details



- 1/ Openings for inspection
- 2/ Removable exchanger cartridge-type

Applications



Power



Oil & Gas



Food & Beverage



Naval



Dryers



Offshore plants

