

CONDENS HEAT RECOVERY OY

FLUE GAS WET CLEANING AND CONDENSING HEAT RECOVERY

Condens Heat Recovery Oy is an innovative and professional engineering company on energy and environmental sectors.

We design and manufacture heat recovery and cleaning equipment for gas flows: scrubbers, condensers, combustion air humidifiers and equipment to treat related process waters.

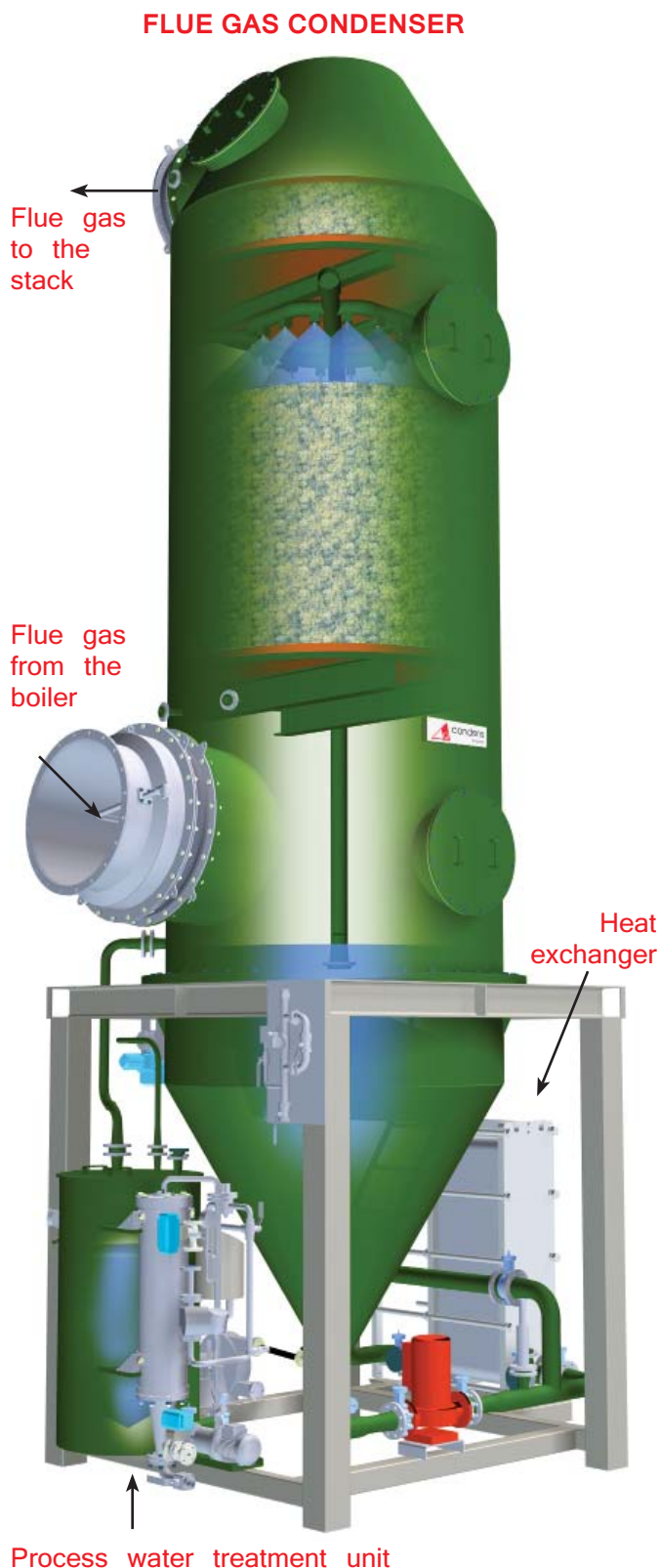
Condens Heat Recovery Oy has more than 130 references for gas cleaning and heat recovery equipment since 1990:

- In Finland: Nurmijärvi, Varissuo, Imatra, Lohja, Salo...
- In France: Soissons, Farebersviller, Laval sur Vologne and Saint Louis
- In Sweden: Mariestad, Pärstorp, Sundsväl
- In Estonia: Kuressaare, Tartu...
- In Lithuania: Baisogala, Skuodas, Kursenai...
- In Norway
- In Denmark

Condens Heat Recovery Oy delivers wet processing equipment for large and small gasflows. Common practice is simultaneous condensing heat recovery and gas chemical treatment. For boiler fluegas treatment our references range boiler thermal outputs from 1MW to 300MW.

Installation of our equipment is possible in an existing plant or in a new one.

Using a scrubber increases the global efficiency of the plant while limiting pollutants release in the flue gases.





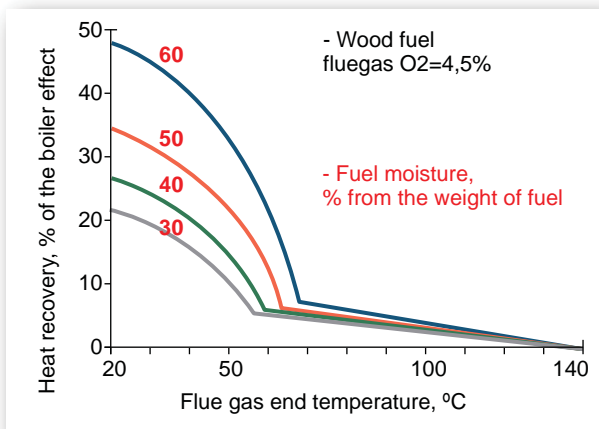
CONDENSATE TREATMENT

Condens Heat Recovery Oy delivers condensate treatment units adapted to local requirements.

MATERIAL SELECTION

Depending on flue gas composition, corrosion resistant synthetic resin and stainless steel can be used for Condens Heat Recovery Oy equipment.

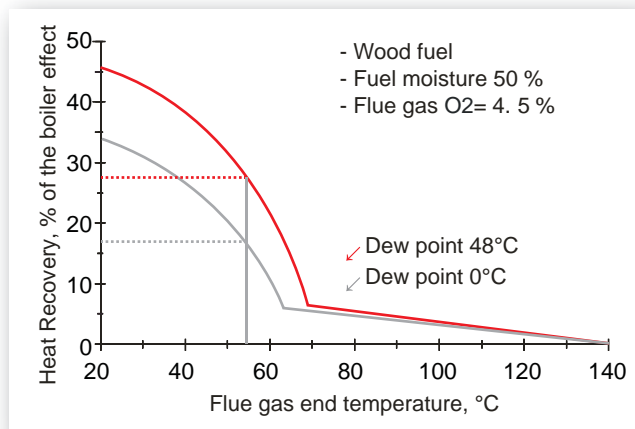
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Water contained in the flue gas is condensed in the scrubber.

Flue gases from a boiler burning solid fuels have often a high moisture content. By condensing the moisture of the flue gases the efficiency of the boiler can be elevated from 10-30% depending on the circumstances.

FLUE GAS WET CLEANING AND HEAT RECOVERY ENHANCED BY COMBUSTION AIR HUMIDIFICATION



Combustion air humidification allows recovering heat at lower temperatures level. The more moisture there is in the combustion air, the more heat can be recovered.

For additional information, please visit our website www.condens.fi or contact:

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