

HEATERS	COOLERS
RECUPERATORS	CAPACITORS
HEAT RECOVERY DEVICES	EVAPORATORS BOILERS



GreenTube oil heater
High heat transfer efficiency at small dimensions



Ultra-high-pressure heater GreenTube
Design pressure - 18 MPa



GreenTube low pressure heater
Optimization of thermal-hydraulic modes



Gas-gas heat exchanger GreenTube
Increasing the heat transfer efficiency by 30% while maintaining the specified dimensions



Visit of the Minister of Economic Development of the Russian Federation M. G. Reshetnikov, Plenipotentiary Representative of the President in the Ural Federal District Yakushev V. V., Governor of the Sverdlovsk Region Kuyvashev E.V.

100+ engineers, industry specialists and scientists, 4 candidates of technical sciences	3000 M² of production area
50+ customers in Russia and abroad	300+ units of unique equipment



Pavel Blokhin,
Founder of ReinnolC

ReinnolC Mission
Making the industrial world more efficient and more environmentally friendly, creating conditions for the realization of people's life potential.



Highly efficient
heat exchange equipment
and technologies
for Industrial
water management



reinnolc.com

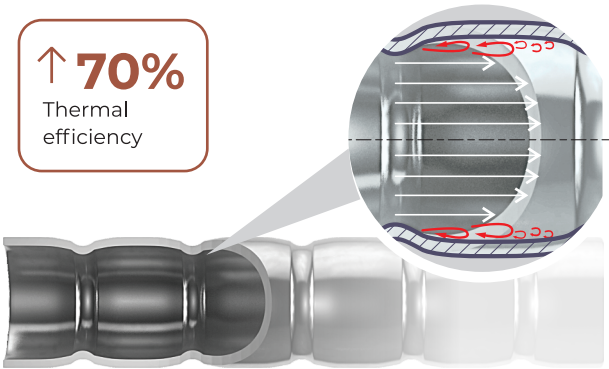
Heat exchange equipment

Fields of application

- Production and processing of hydrocarbons
- Thermal power plants
- Chemical production
- Pulp and paper production
- Non-ferrous metallurgy
- Metallurgy

Unique Heat Exchange Tube Surface Profile

↑ **70%**
Thermal efficiency



✗
Resistance to deposits

⌘
Intensification of heat transfer

↓
Reduction of metal consumption up to 2 times

⌘
Significant reduction in capital expenditures CAPEX and operating expenditures OPEX

DeGasExer deaerator

Applications

- Steam cycles of thermal power plants and nuclear power plants
- Boiler houses and heating networks



Designed to remove corrosive gas impurities from liquid media.

It works due to the principle of the combined method of multi-stage deaeration.

Multiplies reliability and durability of technological equipment, pipelines and valves

Exerger flash boiling evaporator

Applications

- Treatment of industrial effluents
- Obtaining desalinated water
- Desalination of seawater



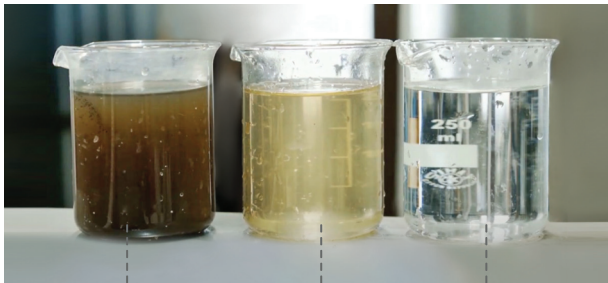
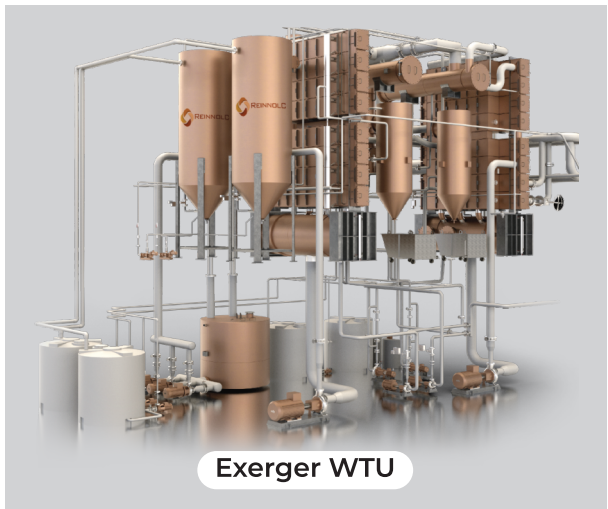
It is designed to produce high quality distillate and/or cool contaminated aqueous solutions with a high content of solid

Effectively preserves heat exchange surfaces from exposure to corrosive environments

Innovative technology of disposing of industrial effluents via the multi-stage thermal distillation



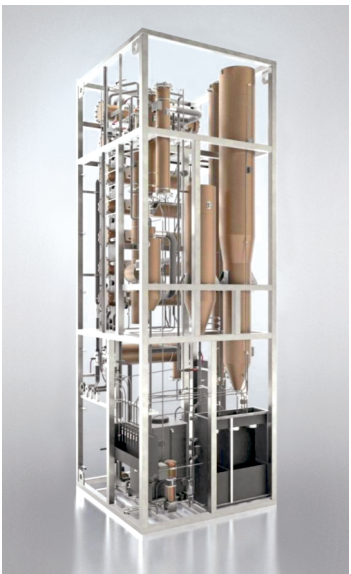
Specific energy consumption up to 3 times lower than equivalents



Industrial effluents
Coke oven gas condensate entering the unit after biochemical treatment

Wastewater
After clarification

Final result
Distillate after evaporator



- Significant reduction in water consumption from open sources
- Zero-waste scheme
- Obtaining a secondary product for technological needs

The Exerger technology is particularly effective:

- in thermal and nuclear power engineering
- ferrous and non-ferrous metallurgy
- chemical and pulp and paper
- Industry
- oil & gas and mining & processing industries

Up to **100%** reduction in effluent discharge

Up to **99%** reduction of water consumption and return to the cycle