

WEXY

RECOVER THE HEAT FLOW AND REUSE IT TO:

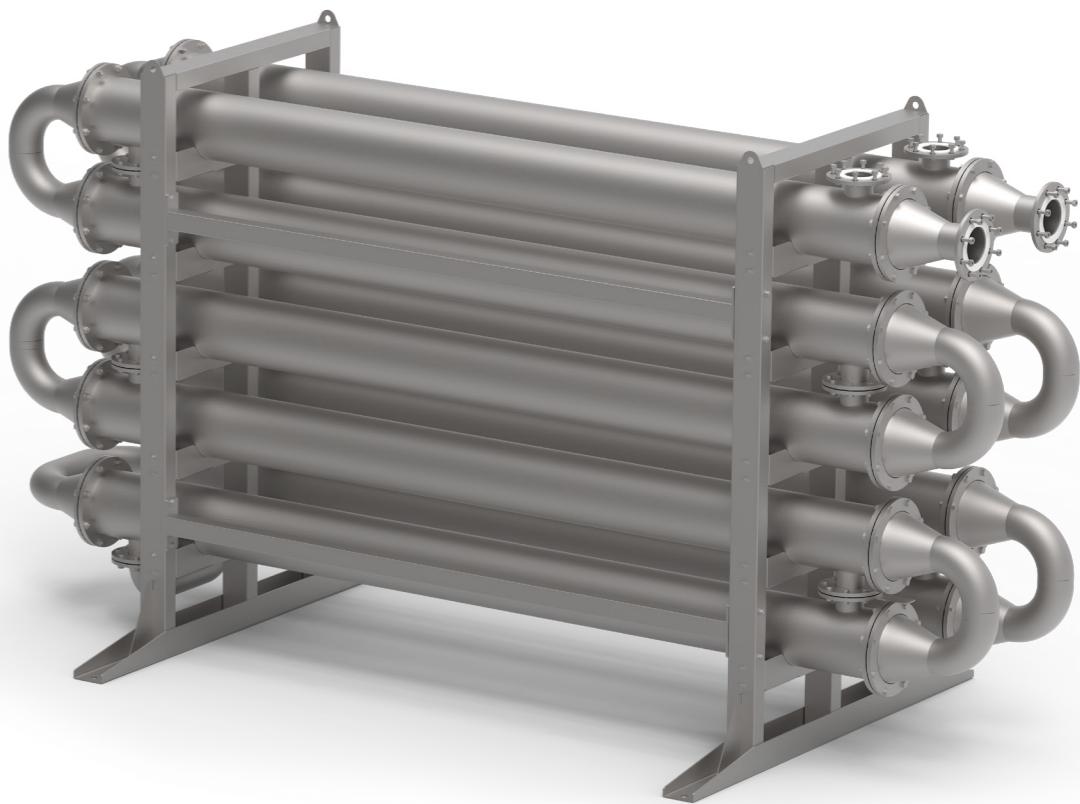
- improve overall **energy efficiency**
- raise **industrial sustainability**
- optimise production processes: enhancing overall **efficiency** and faster production times
- reduce **environmental impact**
- lessen **emissions** (greenhouse gases and pollution)
- **economize** on bacterical ETP operating costs
- **save** money

HEAT RECOVERY SYSTEM

THE OPTIONAL PLC CONTROL CABINET ALLOWS TO MEASURE:

the **RECOVERED KGCAL** and thus have an evidence of the **HEAT SAVINGS**

the **WATER FLOW RATE** and **TEMPERATURE** (both waste/soft water)



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ACIMIT
ITALIAN TEXTILE MACHINERY

LAIP
Italian Dyeing Technology SINCE 1958



RECOVER & REUSE
WASTEWATER

APPLICATION:

- on continuous on washing range
- on discontinuous as recovery of hot water drains from dyehouse
- for water purification system at controlled temperature
- on bacterical ETP

TUBE BUNDLE HEAT EXCHANGERS

Set made from stainless steel 316 for generated by preparatory, after-print and dyeing phases. The dirty hot water flows inside the tube bundle; clean cold water, to be heated, flows counter-current in the jacket.

Recover and reuse
thermal wastewater
to improve
energy efficiency

ADVANTAGES:

- no maintenance required
- sizes according to space needs
- easy installation
- compliant with CE/PED safety regulations

INSTALLATION:

Thermal exchangers are installed on a stainless steel structure fitted with supports for ground mounting. Assembled in series in various numbers, based on the amount of hot water to be treated and the amount of heat to be recovered.

WATER OUTPUT:

- can be fed back into the production cycle
- is distilled/purified, has no limescale, can be used in the boiler

HEAT RECOVERY SYSTEM

