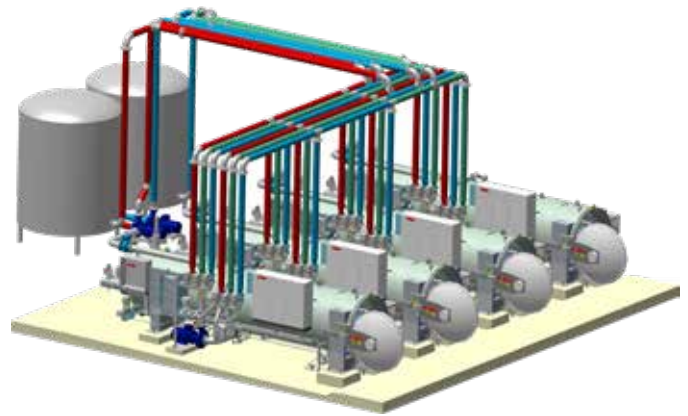


Upgrade Kit | SWS™ Retorts

Energy Recovery System (ERS)

Lower utilities by reducing steam and cooling water consumption



Looking for opportunities to reduce CO₂ emissions, steam consumption and perform cooling water heat recovery?

JBT has the solution

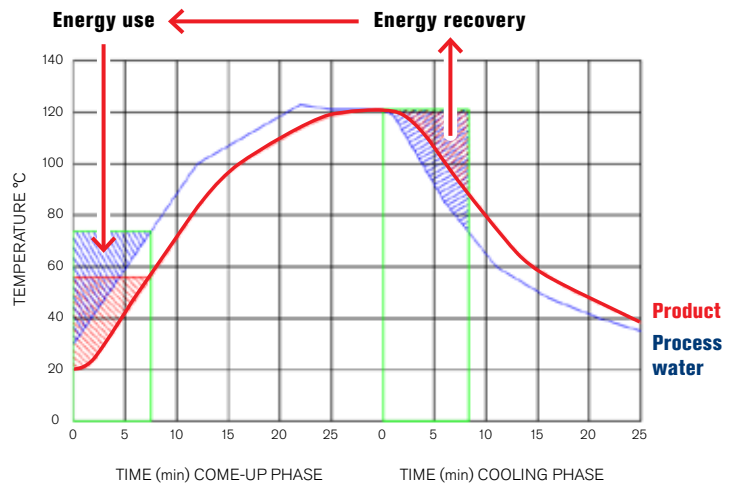
PRINCIPLE

The Energy Recovery System uses hot and cold-water tanks that transfer energy between the come-up and cooling portions of the retort's thermal process.

Energy is extracted during the cooling phase and is utilized for heating in the come-up phase.

TARGET MARKET

All JBT Steam Water Spray (SWS™) retorts including new and existing installations.



FEATURES	BENEFITS
Energy Storage	Does not send superheated water back to your cooling tower
	No cold water from the cooling tower is used during the first part of the cooling phase reducing cooling tower load
	System collects energy from the hot process water during the first portion of the cooling phase
Energy Recovery	Transfers heat energy to the cold process water during the first portion of the come-up phase
	No steam consumption during the first part of the come-up phase reducing boiler steam demand

Let JBT help you reach your sustainability goals



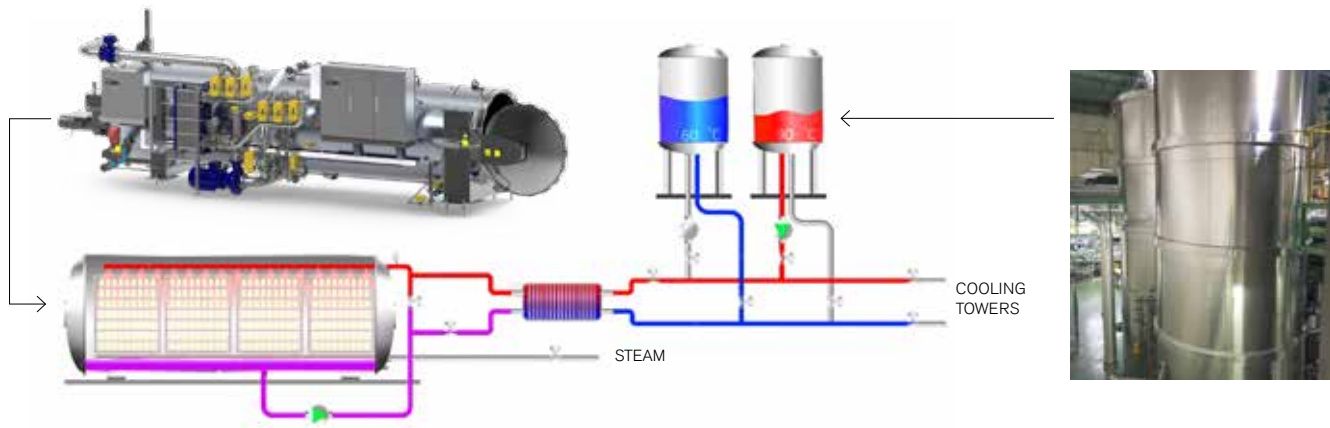
ENERGY SAVES UP TO 30%



FULLY COMPATIBLE WITH ALL JBT SWS™ RETORTS

How does it work?

Heat from the hot cooling water is collected and stored. The stored heat energy will be transferred to the cold process water once the next retort come-up phase starts. The JBT supplied control system manages and monitors the ERS performance.



OUR BRANDS



Contact us

PLF International Ltd
 Ardleigh House, Dedham road, Ardleigh,
 Essex CO7 7QA England
 United Kingdom
 Phone: +44 (0) 125 555 2994
 Fax: +44 (0) 125 555 2995
 sales.har@jbt.com

John Bean Technologies NV
 Breedstraat 3
 9100 Sint-Niklaas
 Belgium
 Phone: +32 3 780 1211
 Fax: +32 3 777 7955
 sales.sn@jbt.com



We're with you, right down the line.™

Subject to change without notice. 09-22 Kit_A80001-EN



70 West Madison Street | Chicago, IL 60602 hello@jbt.com