

PROJECT CAPABILITIES

ECONOMIZER DESIGN & SUPPLY



JANSEN is a fully qualified engineering firm specializing in the design and specification of boiler pressure parts. Projects include redesign of heat transfer components using improved technology. These boiler components have included new generating banks, superheaters, water wall furnaces, and economizers. JANSEN holds an ASME Boiler and Pressure Vessel Code Section I "S" stamp for the design of power and recovery boilers and the NBIC "R" stamp.

Economizer Supply Scope of Service

- Initial feasibility study and quantification of payback potential.
- Benchmark performance testing.
- Evaluation of impact on boiler performance (steam flow and temperature).
- Analysis of heating surface requirements.
- Process design engineering.
- Specifications for fabrication and construction.
- Feedwater piping.
- Sootblowers and piping.
- Structural implications, hoppers, and breeching.
- Installation drawings.
- Engineering, Procurement, and Construction (EPC) scope of supply.
- Construction observation and startup services.

Selected References (see next page)



Selected References
Economizer Design & Supply

Domtar Corporation - Kamloops, BC (2 units)
Domtar Corporation - Plymouth, NC
GP Cellulose - Brunswick, GA
Minnesota Power - Duluth, MN (2 units)
Packaging Corporation of America - Valdosta, GA
Simpson Tacoma Kraft - Tacoma, WA
Skeena Cellulose Inc. - Prince Rupert, BC