

Fulton Horizontal Boiler Debuts In North America

An RB-1850 Horizontal Firetube Hot Water Boiler is skid mounted, pre-piped and pre wired with the following ancillary equipment: Plate and frame heat exchanger, expansion tank, hot water re-circulation pump and 3-way pneumatic control valve.

Hot water from the boiler is circulated to the plate and frame heat exchanger (through the 3-way control valve) to heat 100 GPM of process water from 40°F to 140°F on the secondary side of the heat exchanger. The process water outlet temperature from the heat exchanger is controlled precisely via a single loop PID electronic temperature control sending a 4-20mA signal to modulate the 3-way control valve. The process water is being used in a food processing application requiring all stainless steel construction on the process water side.

