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## Heat Recovery Blowdown Pac for Energy Saving Solutions

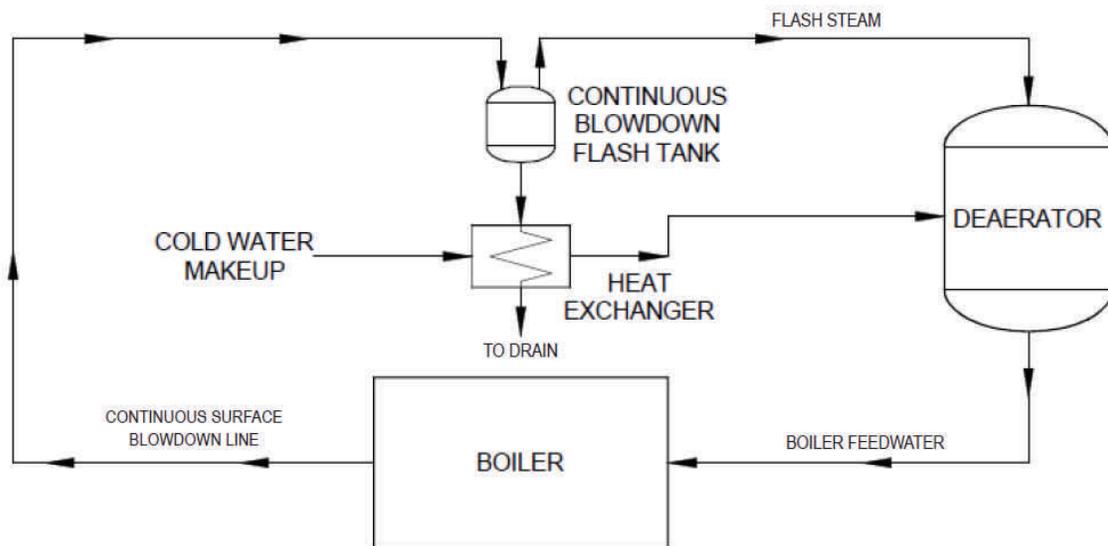


Why waste valuable energy through continuous surface blowdown when it can be recovered to preheat boiler feedwater? The Nationwide Boiler Heat Recovery (HR) Blowdown Pac has been developed to increase efficiency up to 2% and can offer significant savings in fuel and operating costs with a quick return on investment. Often times end users can see dramatic energy savings in less than one year, as well as increased efficiencies.

During the boiler blowdown process, continuous or surface blow discharged from the boiler enters the continuous blowdown flash tank and is reduced to 212°F in the storage tank. Flash steam is vented to the deaerator to be used to heat and deaerate boiler feedwater, while additional heat is recovered by routing the 212°F blowdown liquid through a heat exchanger and transferring heat to the system's cold makeup water line. The cooled blowdown liquid is reduced to a safe temperature to drain discharge.

Annual energy savings are quickly and easily realized with a Nationwide HR Blowdown Pac through decreased fuel costs and increased process heat transfer. Contact Nationwide today to see how your facility can benefit from a HR Blowdown Pac and other proven energy saving solutions from Nationwide Boiler.

### The Process Flow of a HR Blowdown Pac



# BLOWDOWN HEAT RECOVERY SAVINGS

