

## 1997 Paul Mueller PyroPure® Clean Steam Generator

Mfg: Paul Mueller

Model: PSG P2002

Stock No. EELD563.1

Serial No. 193232-1

1997 Paul Mueller PyroPure® Clean Steam Generator. Model: PSG P2002. S/N: 193232-1. Materials of construction include: 316 stainless steel for the heat exchanger, vessel, feed water and product contact points. Allen Bradley SLC 150 Programmable Controller. 1996 Mueller Shell and Tube Heat Exchanger: (128) 1/2 in. dia. x 35 in. L multi-tubes. Single Pass. Heat Transfer Surface Area: 48 sq. ft. Shell Side: MAWP: 125 psi @ 355 °F. MDMT: 32 °F @ 125 psi. Tube Side: MAWP: 125 psi @ 355 °F. MDMT: 32 °F @ 125 psi. Inlets: (1) 2 in. dia. S-line fitting (water), (1) 3 in. dia. port. (steam). Outlets: (1) 2 in. dia. S-line fitting (water), (1) 3 in. dia. port. (steam). 1996 Mueller Vessel. MAWP: 125 psi @ 355°F. MDMT: 32°F @ 125 psi. Inside straight wall dimensions: 9 in. dia. x 66 in. H. Inlets: (1) 3 in. dia. The PyroPure® pure steam generator is capable of producing pyrogen-free pure steam that, when condensed, meets all U.S. Pharmacopoeia (USP) requirements for use in autoclaves, critical area humidification, and routine steam-in-place (SIP) sterilization. Feed water enters the system and flows through two level control valves and into the tube side of the blow down cooler. In the blow down cooler, heat is transferred between the feed water on the tube side and the blow down exiting the system through the shell side. Consequently, the blow down exits the system at a lower, safer temperature, and the feed water enters the system at a higher, more efficient temperature. Overall dimensions: 4 ft. 10 in. L x 3 ft. 3 in. W x 7 ft. H.













