Gas Turbine / Heat Recovery Steam Generation

GT/HRSG

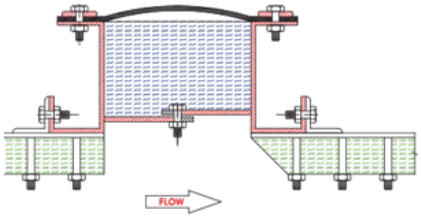
Baker Energy Group specializes in the design, manufacture and supply of High Temperature Fabric Expansion Joints and Framework Assemblies for GT/HRSG Systems. Gas Turbine Exhaust Systems have unique design characteristics. This includes **HIGH** output exhaust gas temperatures that can exceed (760 C / 1400 F), with accompanying **HIGH** exhaust gas velocities and movements, at varying pressures. The design must consider the operating conditions applicable to the System. Material considerations include: **Zero Shot Ceramics, Silica Glass Textiles & Insulation along with Innovative Metal Frame Design.**

AIR INTAKE

- GH-300E-A EPDM/ARAMID – 300F (149C) Continuous
- GH-400F-A VITON/ARAMID – 400F (205C) Continuous

Viton is a registered Trademark of the Dupont Company

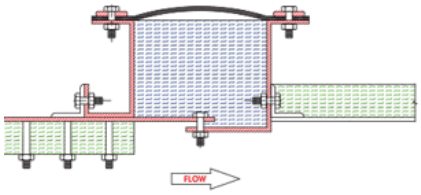
COLD TO COLD



- GH-1200H-CA-SS COMPOSITE W/2MIL 304SS
  1000F (538C) Continuous
- GH-1500H-CA-I COMPOSITE W/ 2MIL INCONNEL
  1500F (807C) Continuous

CERAMIC & SILICA GLASS TEXTILES & INSULATION

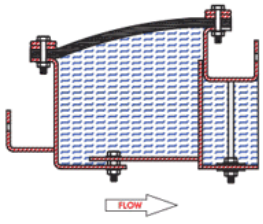
COLD TO HOT



- GH-1200H-CA-SS COMPOSITE W/2MIL 304SS
  1000F (538C) Continuous
- GH-1500H-CA-I COMPOSITE W/ 2MIL INCONNEL
  1500F (807C) Continuous

CERAMIC & SILICA GLASS TEXTILES & INSULATION

HOT TO HOT



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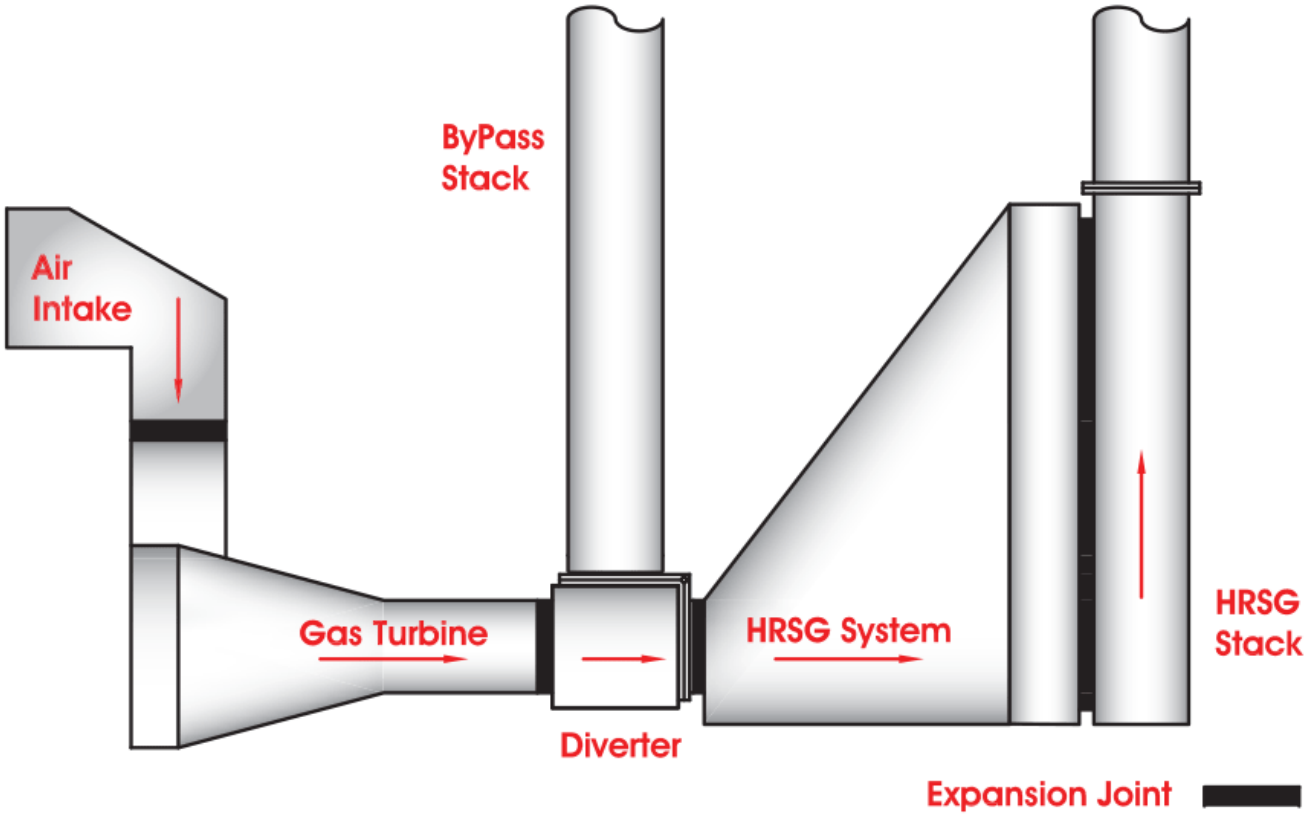
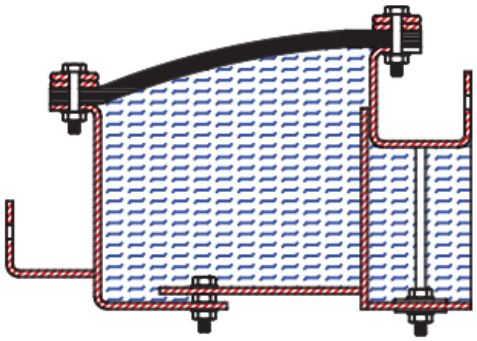
- GH-1500H-CA-I COMPOSITE W/ 2MIL INCONNEL
  1500F (807C) Continuous

CERAMIC & SILICA GLASS TEXTILES & INSULATION

GT/HRSG

System Diagram





EXTREME

Thermal & Mechanical Movement Control Designs

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