

REGENERATIVE BURNERS

Regenerative burners are installed in pairs with one acting as an exhaust as the other fires. When exhausting, refractory media recovers and stores heat from the flue gases. While firing, the heat is recovered from the media by preheating combustion air. Direct fired and radiant tube regenerative burners are available from Bloom Engineering Company, Inc.

Regenerative Burners Achieve:

- Combustion efficiency previously unattainable.
- Increased production from existing facilities.
- Smaller furnaces in new installations.
- Reduced emissions of carbon dioxide and carbon monoxide.
- With Bloom's patented designs, lower NO_x emissions that with recuperative or even cold air approaches.

Bloom is Your BEST Regenerative Burner Option because:

- Bloom is the world-leader in low NO_x technology.
- Bloom's unique baffle burner design has proven its reliability and performance over decades of use.
- Bloom's burner is stable from cold start-up to nominal operation and through an extensive turndown range.
- Bloom's patented control technology maximizes combustion efficiency and minimizes environmental impacts.
- Bloom will custom engineer for your specific requirements.

Contact your nearest Bloom representative or Bloom in Pittsburgh at 412-653-3500 or fax 412-653-2253 to arrange a meeting with a sales representative. Laboratory demonstration and tours of installation can be arranged at appropriate times as specific projects develop.

CAUTION: The improper use of combustion equipment can result in a condition hazardous to people and property. Users are urged to comply with National Safety Standards and/or Insurance Underwriters recommendations