Repairs and Rebuilds for Burners and Valves

Get the same quality product at half the cost by utilizing Bloom’s **Rebuild and Repair program**

**BEFORE**

**AFTER**

www.bloomeng.com
Furnace performance suffers from burners that are extensively damaged by splashing hot metal, extended wear, or accidental impact from mobile equipment. The burners can often be remanufactured to original standards.

Customers that use this Repair/Rebuild Program, on average, save more than 50% on the price of a new burner or valve!!

Bloom Manufacturing

Bloom’s quality-built rugged industrial burners and valves have been a staple of Bloom’s business since the manufacturing facility opened more than 50 years ago. The Bloom USA facility, located just south of Pittsburgh, Pennsylvania, has full capabilities including fabrication, machining, refractory shapes, and assembly.

How do I know if my parts need repaired?

Several indicating factors include:

- Poor flame appearance
- Diminishing product quality
- Adverse emissions performance
- Difficulty with burner ignition
- Burners / valves have not been repaired or replaced for more than three years
- Visible damage to internal burner refractory parts

What parts can be repaired?

Nearly any Bloom manufactured part is available for this repair program depending on the extent of wear. Examples of parts include complete burner assemblies, regenerative burner cooling air nozzles, radiant tube burners, and refractory baffles. The refractory baffle, for instance, is an integral part of the burner operation. Blocked or damaged combustion air and gas openings in the refractory are detrimental to optimal burner performance. Bloom Shop repairs also may include entire assemblies where the burner is only one part.

Furnace performance suffers from burners that are extensively damaged by splashing hot metal, extended wear, or accidental impact from mobile equipment. The burners can often be remanufactured to original standards at considerable savings to the customer compared to replacement of the burners. Customers that use this Repair/Rebuild Program, on average, save more than 50% on the price of a new burner or valve!!

Please contact Bloom with any questions about specific parts available for this program.

What if I need improved performance over the originally supplied equipment?

It may be desirable for a customer to improve performance and emissions on an existing furnace. Retrofitting new technology into existing burners either in Bloom’s shop or at the furnace frequently minimizes both cost and production disruption while resulting in lower NOx, better flame and heat transfer characteristics or higher air preheats.

Bloom can convert nearly all types of burners to baffle burners using custom designed conversion kits depending on customer requirements.
Here is how it works!

**STEP 1  ** Contact Bloom
Contact Bloom’s Spare Parts Manager (Gary Cunko)  
at 412-760-8723, gcunko@bloomeng.com  
or Cindy Brown, 412-653-3500, ext. 3217, cbrown@bloomeng.com

Advise item type and quantity of return for inspection and a return  
authorization number will be provided to you

**STEP 2  ** Return Product
Have materials returned prepaid to:

Bloom Engineering Company, Inc.  
5460 Horning Road  
Pittsburgh, PA  15236  
Attention:  Gary Cunko  
MK:  Bloom Order _________ (See #1)

**STEP 3  ** Bloom Inspection
Once the parts are received, a shop inspection will be scheduled.  An  
estimate/proposal will be prepared on the basis of shop inspection.  The  
allotted time for completion of inspection and estimate is **two (2) weeks** after  
receipt at Bloom.

**STEP 4  ** Estimate/Proposal Generated
Estimate/Proposal to be generated advising price and delivery for Repair/  
Rebuild.

The **NEW** burner or valve price is given in comparison to the Repair/Rebuild price.

**STEP 5  ** Rebuild/Repair
Proceed with Repair/Rebuild based on customer’s approval by confirming  
change order or purchase order.
About Bloom

Bloom Engineering has developed a reputation for quality industrial burners and combustion systems. Our professional staff and years of experience have been the cornerstone of our business. Bloom’s products can be used for a variety of applications and can be operated with a wide array of fuels and capacity ranges. The industrial burners operate with Low to Ultra Low NOx emissions. Bloom Engineering prides itself on having in-depth knowledge of the various heating applications in which its equipment is used. Bloom’s customizable product line, extensive installation list, R&D capability, and on-site field service experience, allows Bloom the ability to provide the best possible solution for each unique situation.