Capacity Range:
150,000 BTU
For 960 and 970 Ovens

ERB Hi-Tri™ TriZone Burner

Improve heat recovery time by 100% and reduce waste

The Hi-Tri™ TriZone Burner is the newest in the series of TriZone Burners from Selas. The new Hi-Tri TriZone Burner features a 2" 2-tube arrangement to improve heat recovery time and reduce waste in baking and other critical applications. The Hi-Tri uses the latest technology developed from years of research in bakery burners.

How It Works

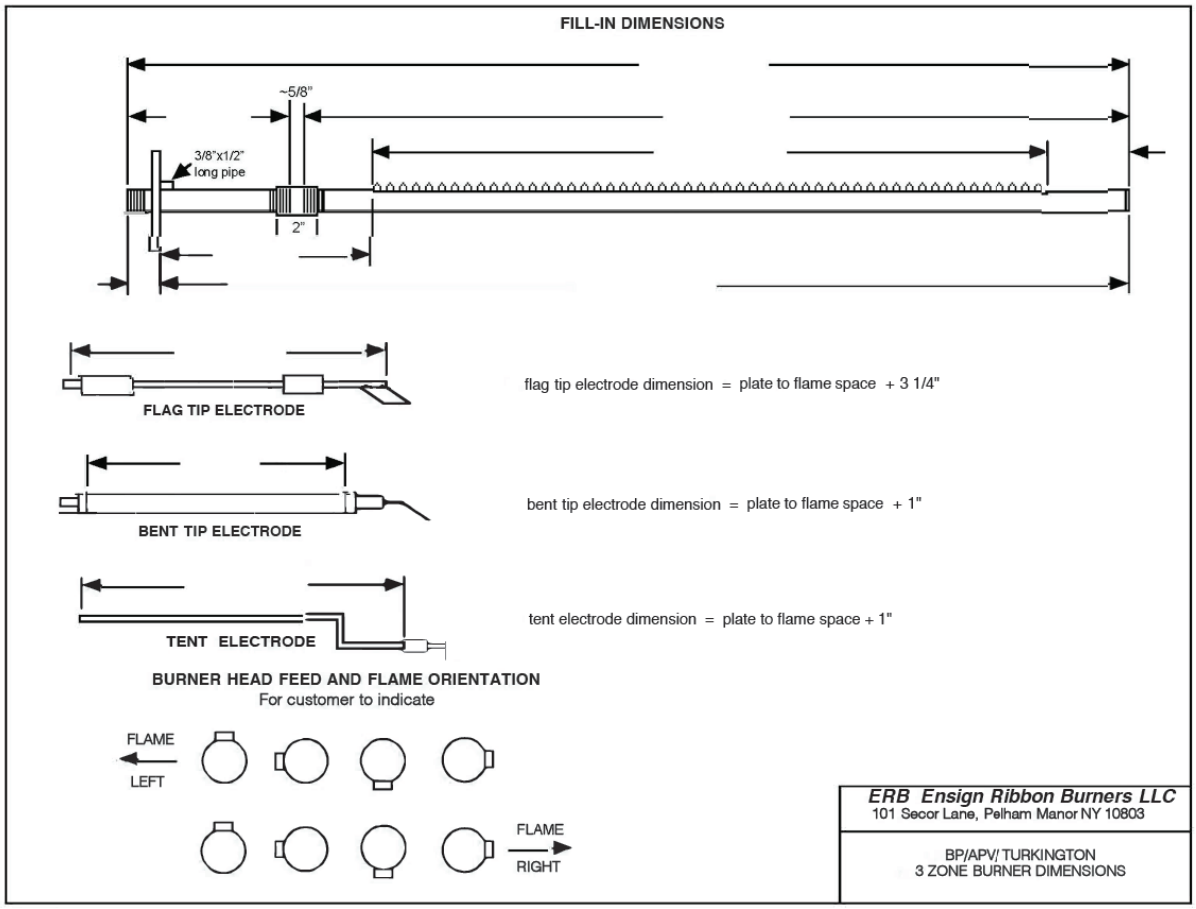
With a much lower pressure drop, Hi-Tri can produce 150,000 BTUs or more, versus standard burners which deliver only 67,000 BTUs. The manifold is made in a similar configuration to a typical TriZone, making it easy to operate without additional training. Other Hi-Tri features include two distribution tubes instead of three, doubling the size of the tubes. The feed nipple and burner are made from 2" heavy-duty black pipe or stainless steel, and the tail nipple can be a 2" or 1-1/2" pipe. The Near (N) zone uses an orifice instead of a tube allowing free flow into that zone. The Intermediate (I) zone tube is drilled with distribution holes. The Opposite (O) zone is a larger-than-standard tube with an open end, which also relieves back pressure and pressure drops. Combined, these features allow the Hi-Tri TriZone Burner to outperform any and all zone burners in the market.

As with our existing TriZone Burners, the Hi-Tri has the highest turndown ratio at 32" WC without liftoff, and down to 2" WC without flame dancing. The Hi-Tri Burner has special features in the head and manifold assembly, such as gaskets around the manifold to prevent leakage and easy-to-read dial settings.

With a capacity of more than 150,000 BTUs, Hi-Tri outperforms all previous zone burners in:

- **Turndown Ratio**
- **BTU Capacity**
- **Zone Control Ability**
- **Lateral Balance**
- **Zone Heat Recovery**

Hi-Tri™ TriZone Burner



Hi-Tri Features	Hi-Tri Benefits
Highest turndown ratio	32” WC without lift off, 2” WC without flame dancing
15,000 BTU output	Industry leading
Customized configuration for desired zone distribution	25/50/25 or any combination, to a minimum 20% per zone
Pinned every 4”	Additional stability
Retrofits to ERB 1-1/2” TriZone or other brand, easy on/off head cap	Use in any oven
2” Pipe burner 2-tube arrangement	Decreases waste from recipe change-over
Large tube configuration and powerful manifold head	Increased BTU output by over 100%
Manifold O-rings	Prevents leakage
Uses a similar design to prior TriZone Burners	Reduces training time

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