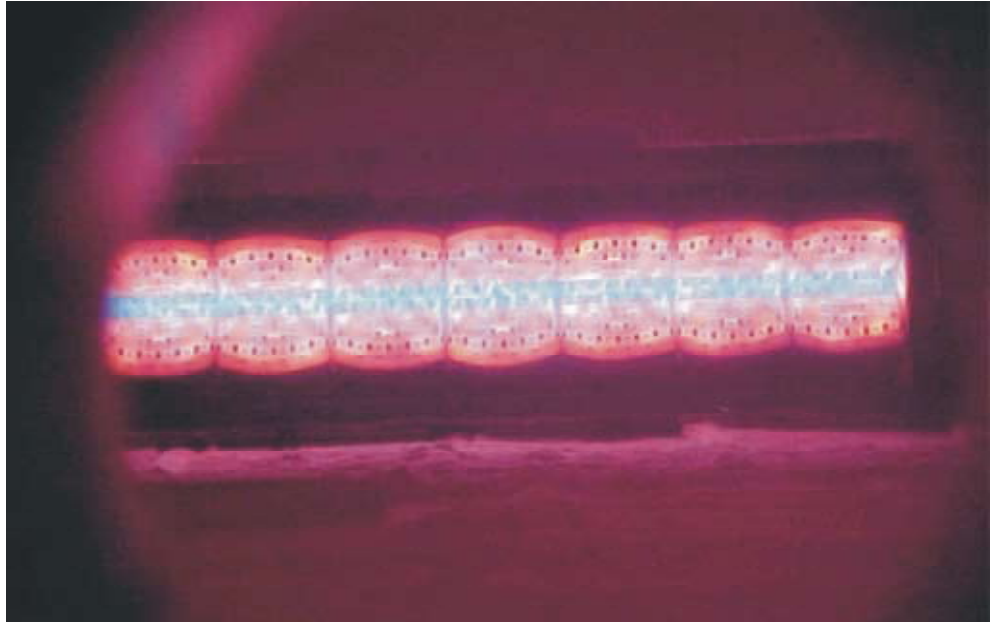




# Summit II and DD-TNV Maxon Burners

**Note:** MEGTEC has an upgrade available to the Eclipse style burner.



Good Burner as seen through entering end sight port

## **How long should this burner last?**

The casting/mainfold is designed to have a long life, 5 years or more (this is dependent on many factors and is not an implied warranty). The mixing plates however, are considered to be a consumable part, refer to “What kind of maintenance do I need to do on my burner?”

## **How can I tell if my burner has a problem?**

Symptoms of a deteriorating burner can be:

Unreliable flame sensing causing flameout's or flame failures.

A long orange distorted flame as viewed through the sight port.

Look through the port in entering end frame of the dryer. The burner flame will be visible through sight port when the dryer is running. The flame should be even across the face of the burner and have a bluish tint in the middle with an orange color on the end of the flame.

## **What kind of maintenance do I need to do on my burner?**

Annual internal visual inspections are recommended.

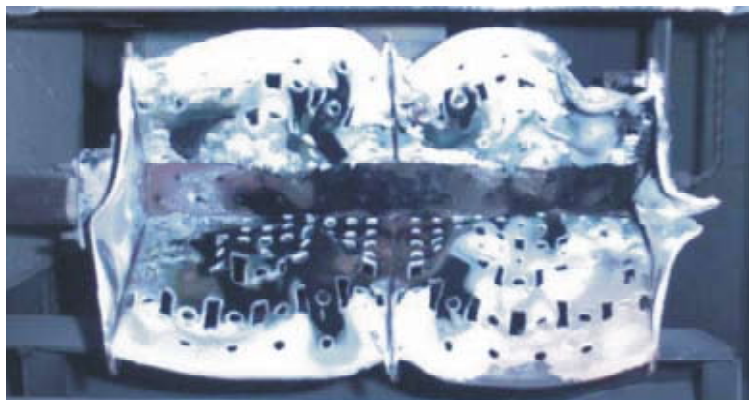


# Summit II and DD-TNV Maxon Burners

The mixing plates attached to the burner manifold are considered “consumable” and have been known to last anywhere from 2 years to 10 years. They will need to be replaced as required. Please note that these plates will warp and crack somewhat during normal use and still be perfectly fine.



Burner in good condition



Acceptable mixing plate deformation

## Summary:

1. Observe the flame, while the unit is running, through the site port on the entering end frame. If flame looks questionable, an internal inspection will be required.



## Summit II and DD-TNV Maxon Burners

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2. Cool the unit down and inspect the burner up close. Look for manifold discoloration or warping and condition of mixing plates. Take pictures. Cardboard should be placed in combustion chamber when crawling inside to protect insulation.
3. Pictures can be sent to MEGTEC Service Department for review and recommendations.