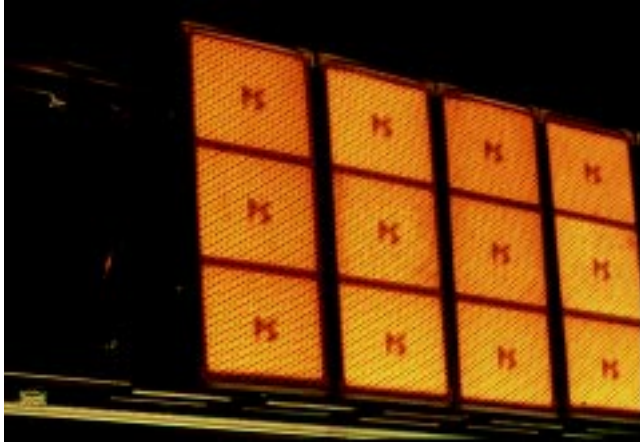


Maxon-P/S Radiant Burners



Type 50 (side-to-side) assembly



Type 25 (end-to-end) assembly

- **High radiant output.** Up to 33,000 Btu/sq. ft. (89,500 kcal/m²) of radiant face area when operated at 1650°F (900°C).
- **Ease of maintenance.** Each row of Maxon-P/S Burner consists of individual burner heads mounted along a common manifold. The burner heads can be removed easily from the manifold and repaired or replaced with a minimum of downtime. Burner heads clip quickly to the manifold without any nuts or bolts.
- **Rapid heat up and cool down**, eliminating the need to rotate burner heads away from your product.
- **Maxon-P/S Burners are not subject to water damage and require no cooling or sealing air.**
- **No wire screens are required** to stabilize combustion on the face of the burner.
- **High surface temperatures** at reasonable fuel inputs.
- **Designed for operation in both horizontal and vertical applications.**
- **Low manifold pressures** for normal operation.
- **Manifolds can be modified to allow for multi-width operation of burner sections.**



Maxon-P/S Radiant Burners

Maxon-P/S Burners are designed to deliver uniform, high intensity radiant energy for moisture removal in textile and paper ovens, paint drying, as well as many pre-heat, plastic forming, heat treating and annealing operations.

Benefits

Maxon-P/S Burners allow you to economically increase production rates, reduce seconds and defects caused by improper or uneven heating or drying and reduce down time and maintenance costs when the need for service or repairs arises.



Front view – Type 25 (end-to-end) assembly



Rear view – Type 50 (side-to-side) assembly

Specifications

1. Maxon-P/S Burners are full premix and will operate on both natural and propane gas. Manifold mixture pressures at the burner range from 4" – 5" wc. (Actual burner plenum pressure required for normal operation is less than 1" wc.)
2. The three-tile burner head has a maximum fuel input of 25,000 Btu/hr.
3. Normal operating face temperatures range from 1250°F – 1650°F.
4. Burner heads are of welded construction fabricated of 304 stainless.
5. Burner tiles are the new high efficiency, high emissivity tiles.
6. All Maxon-P/S Burner heads have a quick connect feature which allows you to remove and replace individual burner heads without removing the whole manifold and frame assembly from the oven. **There are no bolts or nuts to remove.**
7. Tiles in the burner head are held in place by twist lock retainers. **There are no bolts or nuts to be removed if tiles need to be replaced.**

