OXY-THERM® FH

Forehearth burners

MAXON
A Honeywell Company

Features and benefits

- 80% reduction in NOx emissions, 60% reduction in fuel consumption compared to air-fuel forehearth systems
- Capacities up to 7.3 kW
- Improved temperature homogeneity throughout the glass
- Reduced maintenance
- Reduced safety issues
- Ease of set-up and operation
- Burns any gaseous fuels
- No blowers required for the combustion process

Product description

The OXY-THERM® FH burner is an oxygen-fuel burner manufactured with AISI 304/310/321 stainless steel. Burners can fire natural gas, propane, butane or mixed fuels and can be sized for a variety of capacity requirements. The nozzle mix burner design utilizes separate oxygen and fuel gas inlets.

With OXY-THERM® FH burners, oxygen for combustion enters the burner body, mixes with the fuel at the nozzle and exits the burner block. The flame discharges through the refractory block tunnel.

The alumina/zirconia/silica (AZS) composition refractory block is available in a standard 3” (75 mm) square version.

Applications

The OXY-THERM® FH burner is designed for glass forehearths and other specialized high temperature applications where self ignition and flame supervision are not required.