

ECLIPSE 04V BURNERS

Eclipse 04V hot air nozzle-mixing burners are suitable for many applications ranging from small glass day tanks, float glass furnace working ends, refiners and distributors to large multi-burner recuperative furnaces.

A recuperator or other means provides preheated combustion air to the burner. Using combustion air preheating will lead to increased fuel savings. 04V burners may be either side fired or end fired on several types of continuous furnaces. Any clean industrial gas and/or grade of fuel oil of suitable viscosity may be burned.

Eclipse 04V burners are constructed of stainless steel, making them more durable and less cumbersome than refractory lined burners.

Fuel Savings

Sealed-in combustion is obtained with the burner attached to a furnace mounting plate and packed or sealed to the burner ignition block. Sealing the burner eliminates infiltration of ambient air, reduces combustion noise and ensures that only pre-heated air is supplied through the burner. Fuel savings of up to 45% and higher flame temperatures can be realized due to the pre-heated combustion air.



