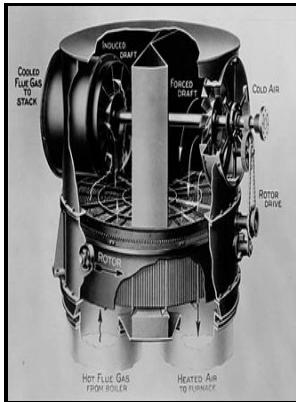


Natural Gas-Air Burner For A Top-Fired Preheater.

s.n - High Temperature Natural Gas Torch



Description: -

-Natural Gas-Air Burner For A Top-Fired Preheater.

-
Report of investigations (United States. Bureau of Mines) --
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Notes: 1

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High Temperature Natural Gas Torch

FGR usually pulls flue gas downstream of the feedwater economizer, as opposed to upstream, because, downstream, flue gas is cooler, denser, and, thus, less of a horsepower draw on the fan than it is upstream. Burner Assembly The heavy cast iron body can stand much abuse. Model DFCV is a vertical cabinet.

SAACKE Air Preheating suitable for all Fuels

A touch panel of type Simatic MP shall be provided for the operating mode choosing, entering of the casting ladle number and visualization of actual information. In another embodiment of the present invention, a method is provided for preheating the reactor feed.

High efficiency Ladle pre

At a point upstream of the tip 13, a plurality of openings 52 may be drilled through the wall of the inner burner tube 12 so that the pressurized air, or the pressurized mixture of air and rich gas 54, can flow through these openings into the annular space 49 between the inner burner tube 12 and an outer burner tube 22, which surrounds the inner burner tube. View Complete Details FIRE ALL GAS BURNER — 1514 These hardy nozzle-mix burners have been used for many years on high temperature furnaces such as those for forging steel, melting aluminum or brass, and reheating steel bars or ingots... and on low temperature ovens and air heaters. The burner comprises an inner burner tube to which preheated compressed combustion air is supplied at the outer end.

Packaged Air Heaters

Minimizing the hydrogen bled into the fuel gas can keep the hydrogen production levels manageable. Burners can be turned down to atomizing air only, but stability limits vary depending on burner size, grade of oil, and furnace atmosphere.

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