

KELLER

intelligent
clay
solutions

ICS



Pure gas burner without primary air type HT

Innovative pure gas burner for an energy-optimised
firing process and increased energy efficiency

Use and field of application

The Keller HT burner was developed for use in the ceramic industry to support the challenges of CO₂ reduction and to increase the energy efficiency of the plants. As a genuine pure gas burner without external combustion air supply, the HT burner uses the existing kiln atmosphere > 750 °C for the combustion of various fuels. Thanks to its innovative mixing nozzle, the combustion gas is optimally mixed with the kiln chamber atmosphere and thus ensures complete combustion.

The resulting impulse supports the circulation of the kiln atmosphere, improves the temperature distribution and increases the heat exchange.

Technical Data

Thermal capacity	40 - 100 kW
Required feed hole diameter	
for 40-60 kW	120 mm
for 60-100 kW	160 mm
Fuel types	Natural gas Propane gas Hydrogen Mixed gases
Gas pressure	0.8 - 1.5 bar

**Have we sparked your interest?
Our specialists will gladly assist you!**

