



Fusar Bassini Astorre e C. Snc

P81-S/...

Gas pilot burner with blast air supply and electrode fully incorporated, complete with pre-mixer air/gas unit, with sensitive flow gas adjuster to the pilot burner. Specially fit for burning chambers in pressure.

GASES: Natural gas, liquid gas, town gas

COMBUSTION AIR PRESSURE:

From 200 to 2.000 mm H₂O

GAS PRESSURE: From 300 to 15.000 mm H₂O

HIGH VOLTAGE ELECTRIC SWITCH:
V.8000

PILOT LENGHT: Between 180 and 3300 mm

EFFICIENCY

The maximum efficiency of the pilot depends on the effective pressure of the combustion air feed, measured immediately before the pre-mixer of the pilot burner.

ATTENTION – The maximum power in Nmc/h of the gas can be found by dividing the maximum power, throught the calorific value, of the gas burning in the pilot.

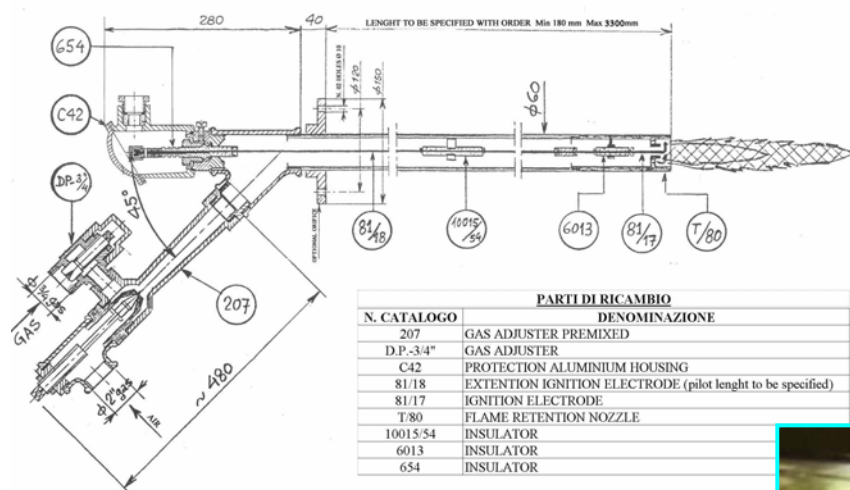
AIR PRESSURE:	MAXIMUM POWER:
200 mm H ₂ O	Q = 18.000 Cal/hour
300 mm H ₂ O	Q = 24.000 Cal/hour
from 400 to 2000 mm H ₂ O	Q = 30.000 Cal/hour

REGULATION OF THE FLAME

To obtain a stable flame and good ignition of the pilot burner don't exceed the maximum range of the gas to the pilot burner; if so, reduce the gas flow rate by the air and gas adjuster up to obtaining a stronger, extremely rigid and blue flame. The flame shall start to form inside the ends of the flame thrower.

WITH EXCESS OF GAS OR LOWER AIR PRESSURE, THE FLAME RETENTION SYSTEM IS NOT EFFICIENT AND THE IGNITION OF THE PILOT MAY BE UNCERTAINTY!!!

PILOT BURNER, MAIN BURNER AND THE AUTOMATIC BURNER CONTROL UNIT MUST BE DESIGNED, INSTALLED AND SETTED MEETING THE LAW REGULATIONS IN FORCE.



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GAS BURNERS AND COMPONENTS FOR COMBUSTION SYSTEMS

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