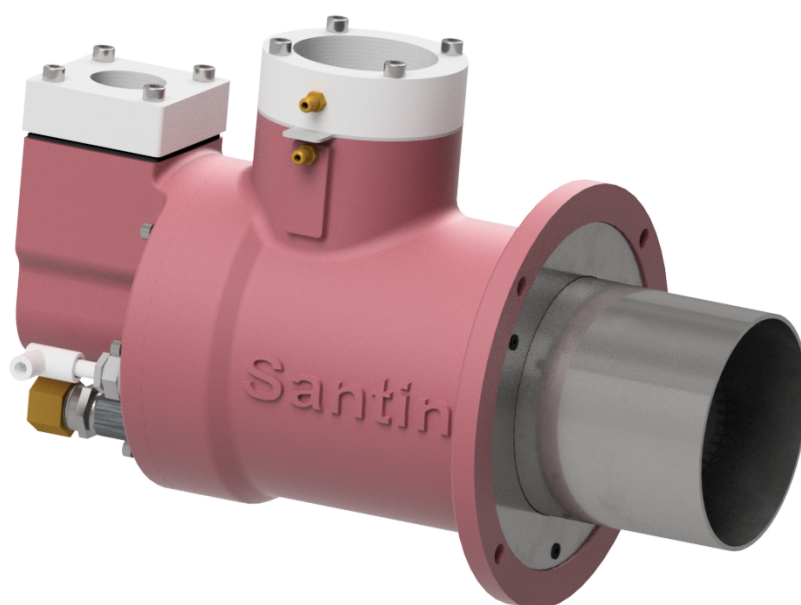


Bruciatori Santin

N-BFN170 Burner

[Bulletin 10-4 N/BFN170 – 05/02/18-]

MADE IN ITALY



Low emissions



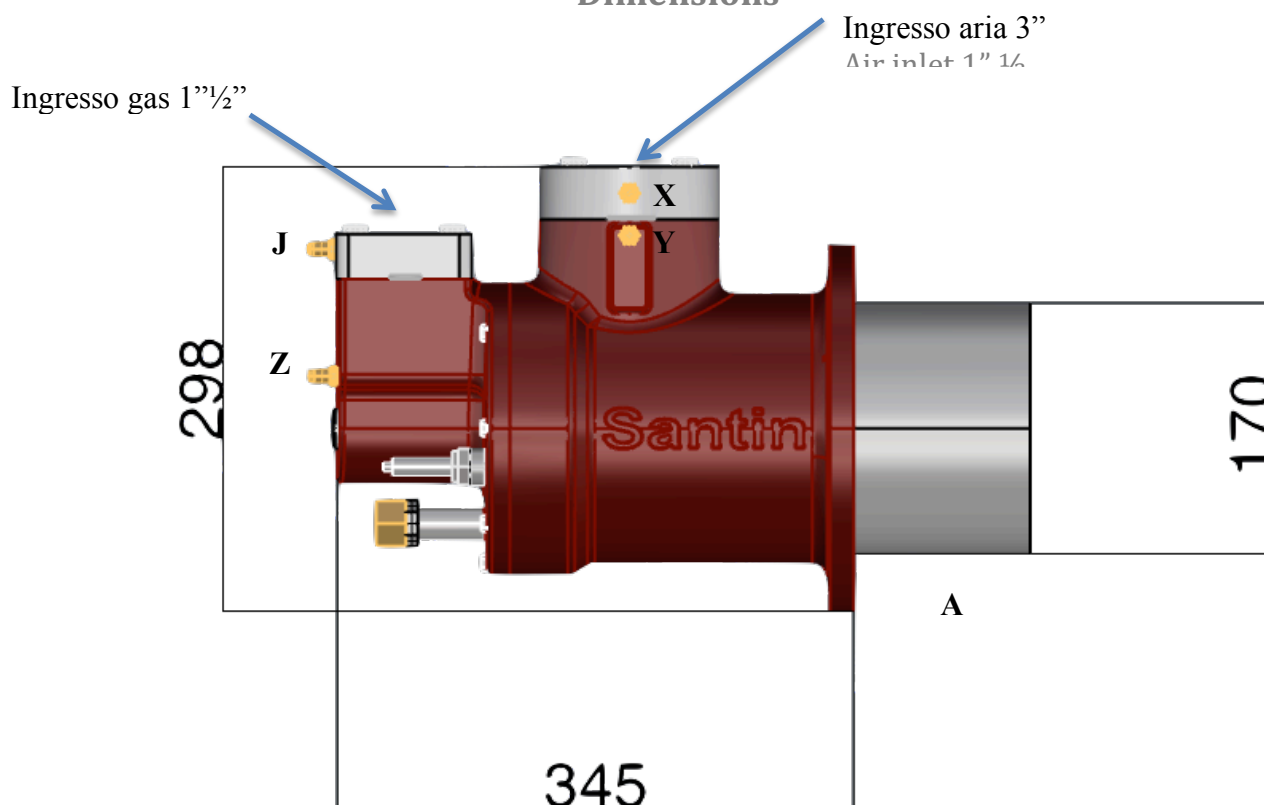
Descrizione Description	N-BFN170-465		N-BF170-580
KW (kcal/h) max. KW (kcal/h) min.	465 (400.000) 46(40.000)		580 (500.000) 58(50.000)
Portata aria Nm3/h Air flow	470		588
Gas Fuel	Metano / GPL /altro Natural gas / LPG / Others		
Connessione gas Gas connection	Vedere pagina 3 See page 3		
Rilevazione fiamma Flame detection	Elettrodo di rilevazione fiamma o fotocellula UV Flame rod or UV scanner		
Accensione Ignition	Con trasformatore di accensione 8 KV With ignition transformer 8 KV		
Materiale Material	Ghisa Cast iron		
Peso (kg) Weight	Da 35 a 45 From 35 to 45		
Certificazione Certifications	CE		

** HV and HT model see datasheet 10-5 / 10-6

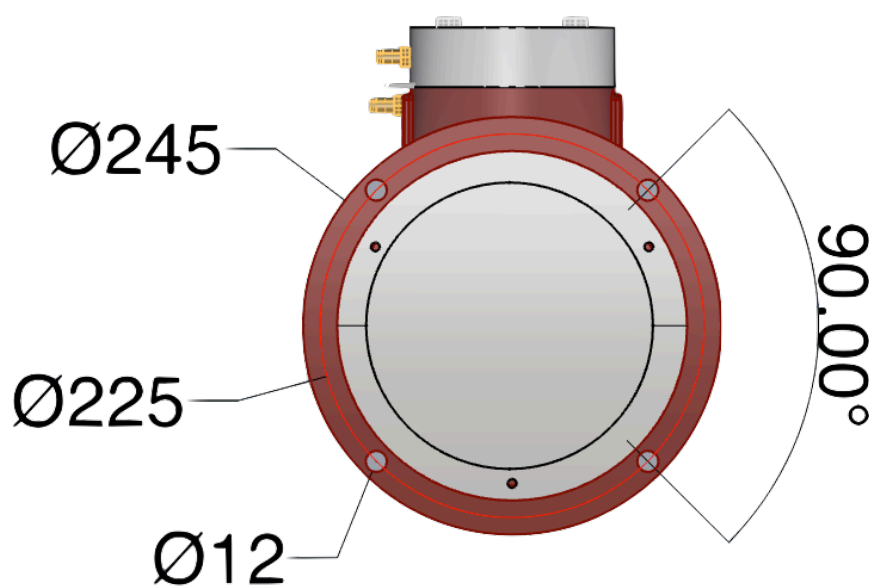
*** See 1001-1 datasheet for burner tube specifications

**** For N-BFN FF (flat flame) capacity is reduced of 30% approx.

Dimensioni Dimensions



A: Lunghezza tubo guida fiamma da 90 a 900 mm – Std 120 mm
A: Tube length from 90 to 900 mm

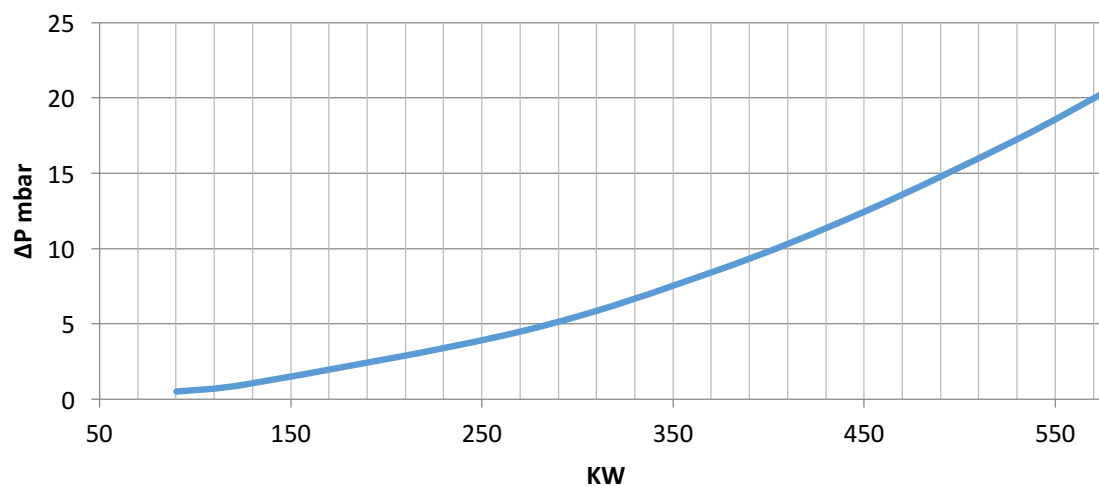


N.B. Tutte le misure sono espresse in mm
P.N. All measurements are expressed in mm

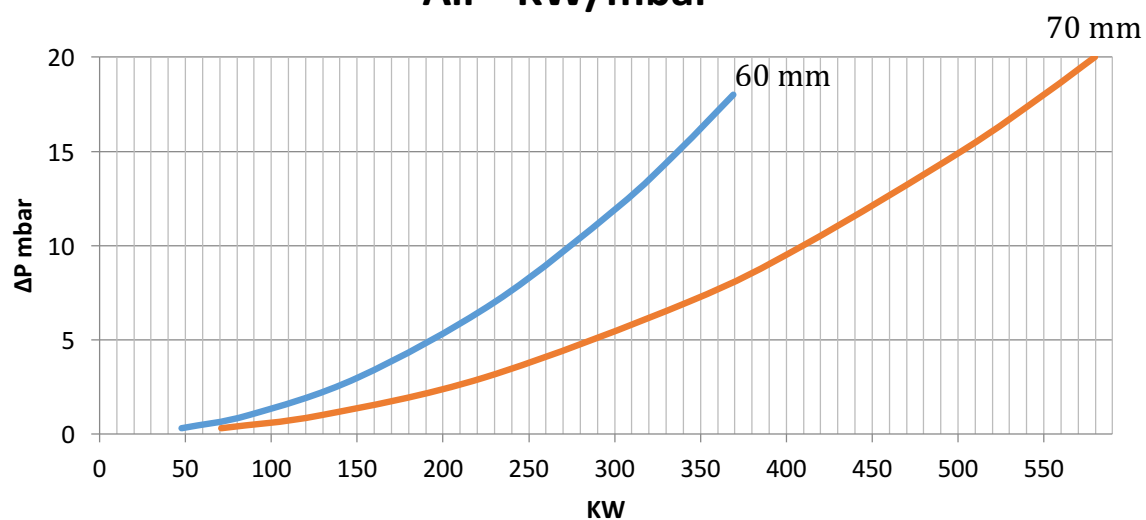
Grafici Charts

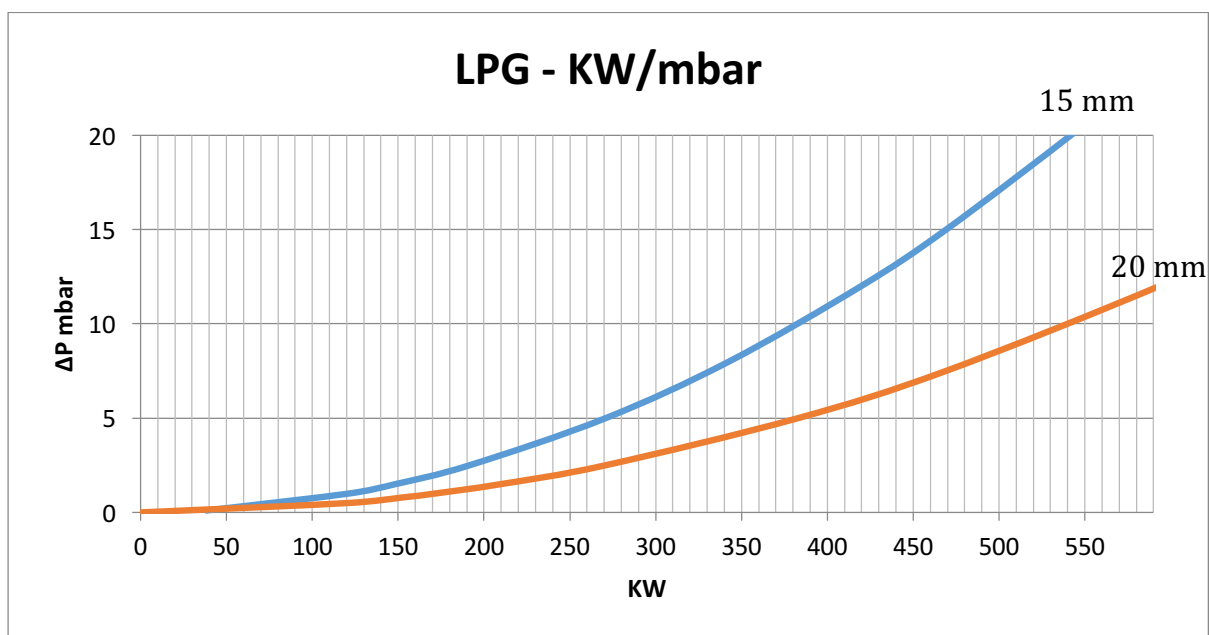
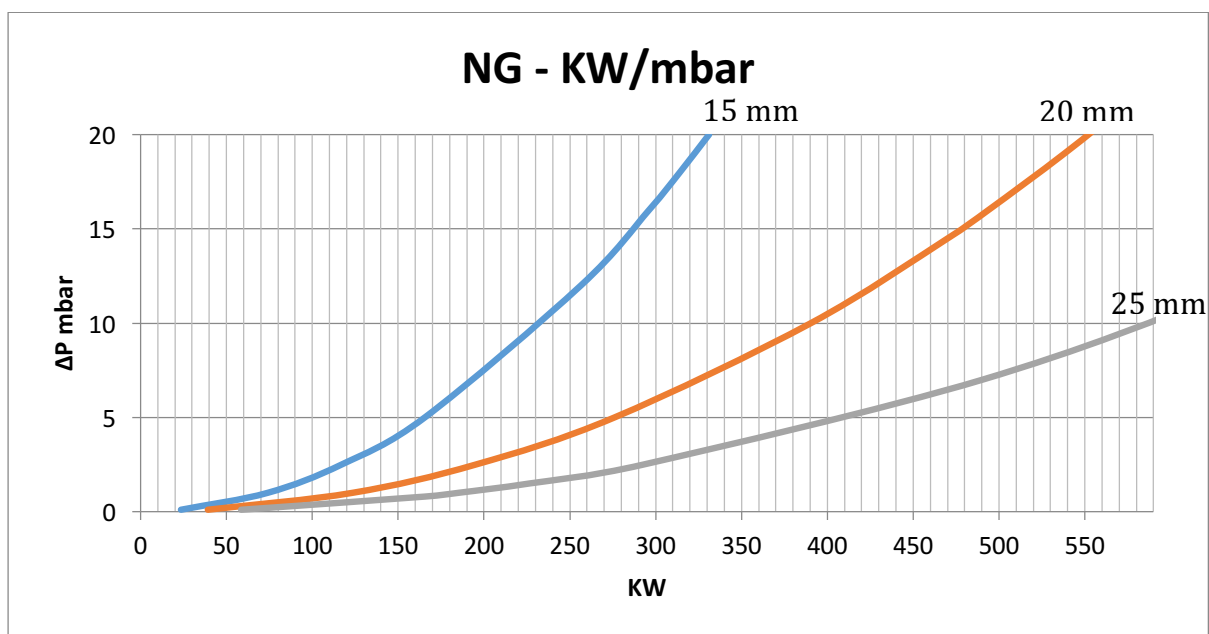
Margine di errore +- 15%
Margin of error +- 15 %

Air pressure without orifice (T20°C)



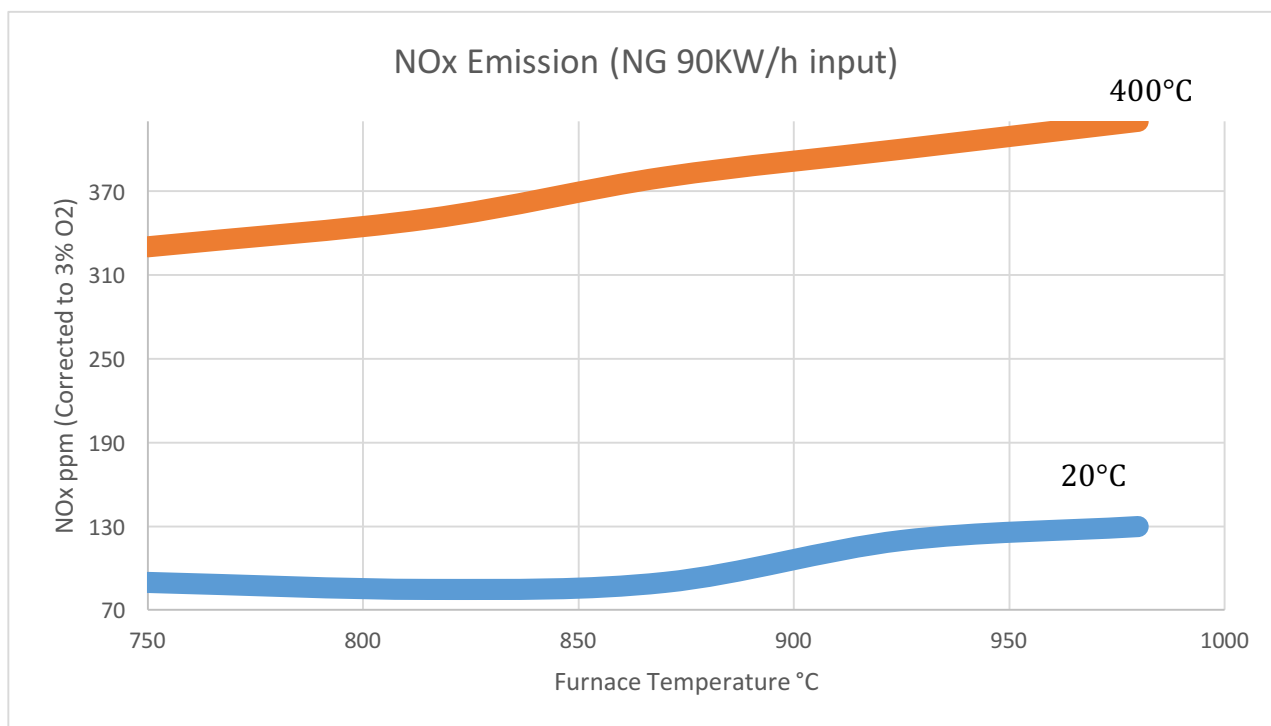
Air - KW/mbar





N.B. Grafico ΔP con orifizio aria misurare tra X e Y, grafico ΔP gas misurare tra J e Z (Pagina 3)
P.N. Air ΔP chart measure between X e Y, gas ΔP measure between J and Z (Page 3)

Emissioni CO-NOx CO-NOx Emissions



Le emissioni di CO sono minori di 10 ppm (O₂ al 3%) con la temperatura della fornace compresa tra 750 – 1000 °C.

Le emissioni del bruciatore sono influenzate da:

- Tipo di gas
- Temperatura aria di combustione
- Condizioni della camera di combustione
- % di eccesso d'aria
-

CO emissions are less than 10ppm corrected to 3% O₂ for furnace temperatures between 750-1000°C. Emissions are influenced by:

- Fuel type
- Combustion air temperature
- Chamber conditions
- % of excess air

Nota bene. Con GPL i valori di NOx sono circa il 25% in più

Please note. If operated with LPP, NOx values are approx. 25% higher.

- Bruciatori Industriali Santin riserva il diritto di modificare e variare i prodotti senza obbligo di notifica.
- Tutti di dati / grafici indicati e presentati in questo documento sono approssimativi.
- The performances mentioned are indicative. Performance and dimensions are guidelines only. The information contained in this catalogue is updated at the time of printing but can be changed without notice or obligation to notify.
- All data / graphs shown in this document are approximate.

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