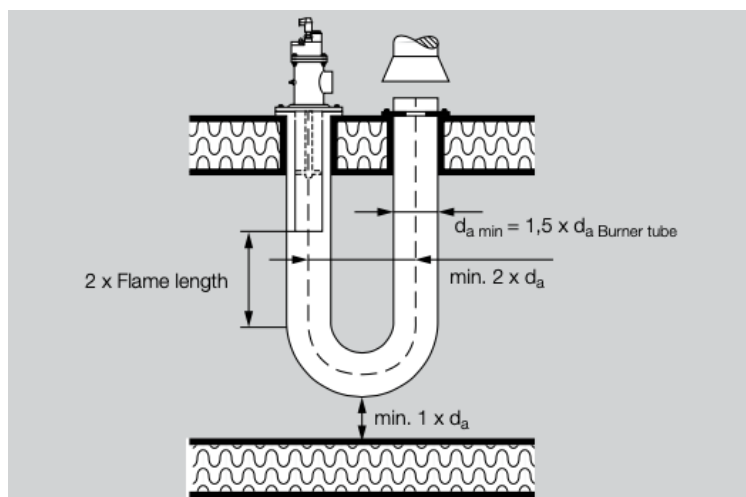


# Bruciatori Santin

## N-BFN Radiant Tube Heating

[Additional doc. 10\_1]



When using the burner in radiant tubes or flame tubes, the extended burner tube (attachment tube) acts as the combustion chamber. Burners for this field of application are supplied with purge air bore holes for optimal flame stability.

The burner with attachment tube is only suitable for cold air applications. Maximum furnace temperature approx. 850°C.

The outlet diameter of the radiant tube must be reduced to the point where a pressure loss of approx. 10 mbar occurs at the burner's rated capacity. When installed in a U-shaped radiant tube, the distance between the burner attachment tube and the first elbow/bend must be at least twice the flame length.

Application	Difference	Typical control	Capacity	Model H
<b>Radiant Tube</b>	Burner with combustion tube extended and purge air bore holes	ON/OFF	100% of the model	Burner for hot air or high furnace temperature.

Note: Note the capacity of the radiant tube in accordance with the manufacturer's specifications. A draught blocker must be fitted on the flue gas side. Only with cold air and where the furnace temperature is < 850°C.