

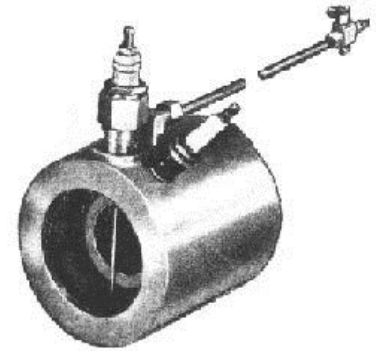
PN Packaged Burner Nozzles

The PN packaged burner nozzles are modified FR burner tips that incorporate several features. The burners are equipped with a spark igniter, pilot gas connection, pilot gas tube and pilot gas valve. A flame sensing electrode can be added to the PN burner if required, please add PNFR to your order. The capacities and dimensions are the same as the equivalent FR tip.

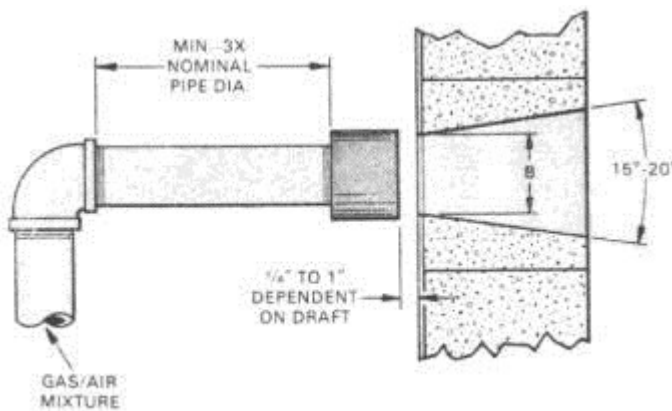
APPLICATIONS

- Air heaters
- Packaged furnace burners
- General Industrial applications where an automatic burner is required

PART NUMBER	SIZE (BSPF)
PN50	50mm
PN65	65mm
PN80	80mm
PN100	100mm



INSTALLATION OF BURNER NOZZLES



The diagram shows the appropriate mounting position for the FR and AN burner tips. Both burners require secondary air to complete combustion and the distance will vary from approx. 6-25mm depending on the draw available.

The opening in the furnace wall should always be slightly larger than the burner tip, this will vary from approx. 6mm to 15mm larger than the burner diameter. The opening for the AN burners will usually be larger than the FR burners due to the extra secondary air required.