



## PRODUCT OVERVIEW

Crafted to streamline pilot burner upkeep, Profire's Inline Pilot was designed with the end user in mind. The newly designed pilot increases efficiency during extreme conditions, improves uptime and simplifies assembly and maintenance.

The Inline Pilot utilizes a unique technology—Near Field Ionization (NFI). Smaller flames are combined into one larger flame at the nozzle opening. The flame flows past the internal flame rod, allowing precision in flame quality. And with a bayonet style-locking mount, the Inline Pilot is ready for immediate installation.

## KEY FEATURES

- Ability to function reliably with less than 1 psi during adverse conditions.
- Easily removable, single, internal kanthal flame rod fitted inside a specially designed combustion nozzle.
- Reliable lighting under extreme environmental conditions.
- Initial flame anchoring ensured with the inline design.
- Optimized internal diffuser and welded shell nozzle assembly.
- Base hub accommodates an upstream mix and inline flame rod base connection via two threaded input ports.
- Designed to create negative pressure inside the nozzle to automatically aspirate air when the flame needs fortified.
- Easy securing with bayonet style-locking mount.
- No adjustment of rod needed.

## SPECIFICATIONS

	DIMENSIONS		SPECIFICATIONS	
	BNC 050 PNN (7" Compact)	Cylinder Length 6.5 in	Robust Burn & Flame Sense	2-25psi
		Cylinder Diameter 1.5 in		4-6psi (optimal)
		Total Length 15.25 in	Max Temperature	1500° F (use wiring suitable to your application)
	BNC 050 PNP (10" Standard)	Cylinder Length 9.75 in	Burner Nozzle (thick wall)	316 SS
Cylinder Diameter 1.5 in		Orifice (included)	#66	
Total Length 18.5 in				

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# PROFIRE

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