

Eclipse Extended Pilots

Series "EP"



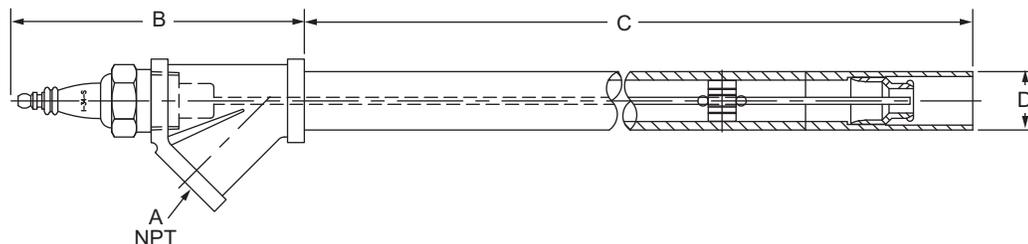
Figure 1. Extended Pilot, 3/4"

The Eclipse Series "EP" Extended Pilots are long, internally spark-ignited pilot burners. These pilots are primarily used to ignite gas, oil or combination gas/oil burners that are located too far inside the combustion chamber to be reached by conventional pilots.

The Eclipse Series "EP" Extended Pilots are available in 2 inlet pipe sizes: 3/4" and 1". The 3/4" pilot assembly is available in 12", 18" and 24" lengths. The 1" pilot assembly is available in 12", 18", 24", 36" and 48" lengths. The pilot assemblies consist of a "Y" casting, burner tube, spark plug with extended electrode and a steel Ferrofix pilot nozzle. Alloy Ferrofix pilot nozzles are available for high temperature applications.

Extended Pilots operate best when used as blast type pilots. For this reason Eclipse recommends the use of the following air/gas mixing equipment. Extended Pilots should be used with an Eclipse 131 PM Pilot Mixer. (See Bulletin 812.) These mixers are not included with the pilot assemblies and must be purchased separately.

Dimensions and Specifications



Steel Nozzles		Alloy Nozzles		Dimensions				Recommended Mixer Assy.	Recommended Air Jet
Catalog Number	Assembly Number	Catalog Number	Assembly Number	A	B	C	D		
3EP-12	103155	3EPA-12	103175	3/4	5-1/4	12	1-1/16	300558	10254-7
3EP-18	103156	3EPA-18	103176	3/4	5-1/4	18	1-1/16		
3EP-24	103157	---	---	3/4	5-1/4	24	1-1/16		
4EP-18	103159	4EPA-18	103179	1	5-13/16	18	1-5/16	300558	10254-10
4EP-24	103160	4EPA-24	103180	1	5-13/16	24	1-5/16		
4EP-36	103161	4EPA-36	103181	1	5-13/16	36	1-5/16		

NOTE: All dimensions are in inches.