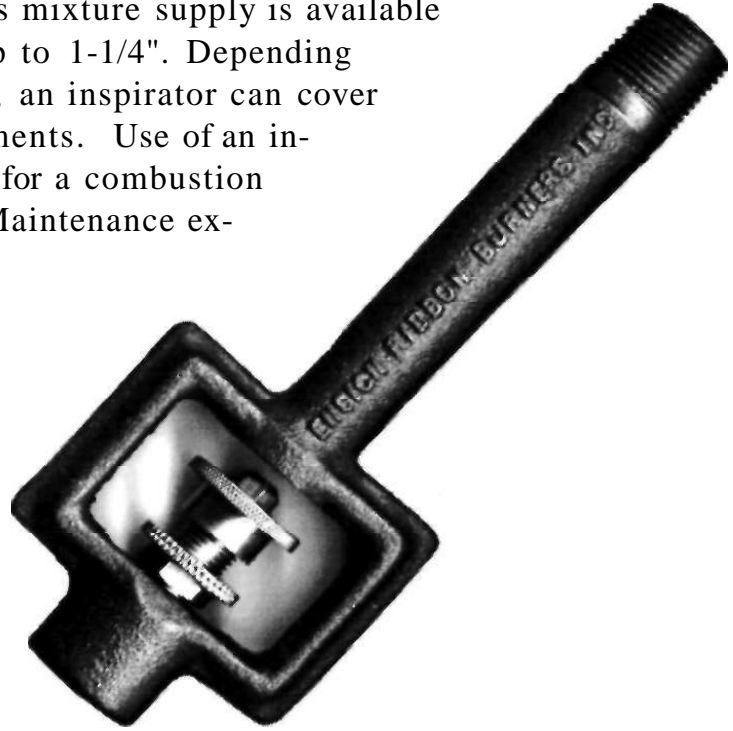


# Inspirators

Ensign Inspirators are used for a wide variety of industrial furnace and oven applications, requiring rapid, clean mixing and combustion of fuel. This inexpensive gas mixture supply is available with inlet sizes ranging from 3/8" up to 1-1/4". Depending upon the pressure of the gas supply, an inspirator can cover a wide range of combustion requirements. Use of an inspirator system eliminates the need for a combustion air blower, and associated piping. Maintenance expense is minimal, as there are no moving parts to wear out. The orifice and spud are removable, for cleaning without disturbing the piping.

Using compressed air instead of gas, allows the inspirator to serve as an air inductor, drawing in approximately 8 parts air for each unit volume of compressed air.



	iDimensions					Weight	Capacities (BTU's Nat. Gas)	
	A	B	C	D	E		Minimum (1")	Maximum (2 Lbs)
ER-O	3/8"	3/8"	5-13/16"	2-11/16	1-5/8"	1	2,400	20,500
ER-I	3/8"	1/2"	7-3/8"	2-13/16	2-13/16"	1	3,200	33,000
ER-2	3/8"	3/4"	7-3/4"	2-13/16	2-13/16"	1-1/2	5,200	48,400
ER-3	1/2"	1"	9-1/16"	2-13/16	2-13/16"	1-3/4	7,100	87,400
ER-4S	3/8"	1-1/4"	8-3/4"	2-3/4"	2-7/8"	1-1/2	13,000	149,000
ER-4	3/4"	1-1/4"	11-13/16"	3-1/2"	4-1/8"	3-1/2	13,000	149,000
ER-5	3/4"	1-1/2"	14"	3-1/2"	4-1/8"	4-1/2	22,000	249,000
ER-6	1"	2"	17-1/2"	3-11/16	4-1/8"	7	35,000	431,000
ER-7	1-1/4"	2-1/2"	22-5/8"	4-1/8"	5"	12	56,000	657,000

Design Originators and Manufacturers of Pipe Ribbon Burners Since 1940

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