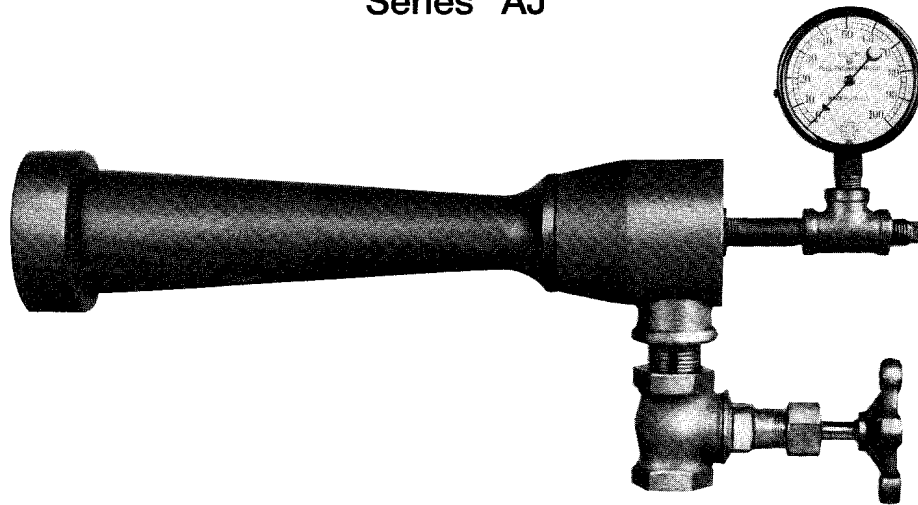


# ECLIPSE AIRJECTORS

## Series "AJ"



The Eclipse Airjector uses compressed air to entrain larger volumes of ambient air for combustion systems. The Airjector is useful when the operation of the combustion equipment is intermittent or air requirements are very small. A blower is recommended for constant operation.

Airjectors can be used with either LP Proportional Mixers (as shown) or with Variset Mixers. Do not use any valves between the airjector and the mixer.

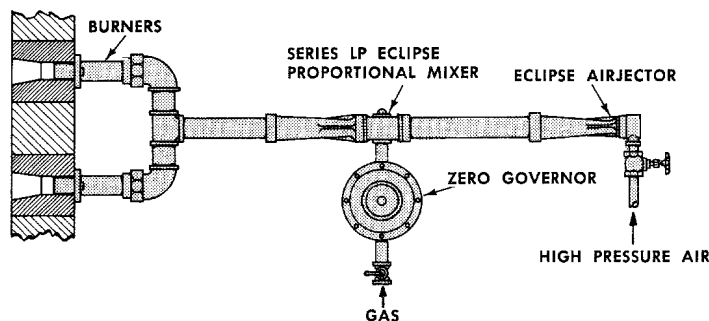
Manual temperature control is achieved by a needle valve in the compressed air line. Automatic control can be achieved by installing a solenoid valve in the compressed air line. A standard solenoid valve will provide "on-off" control, while a solenoid with adjustable bypass will give "hi-lo" burner control.

### Capacities

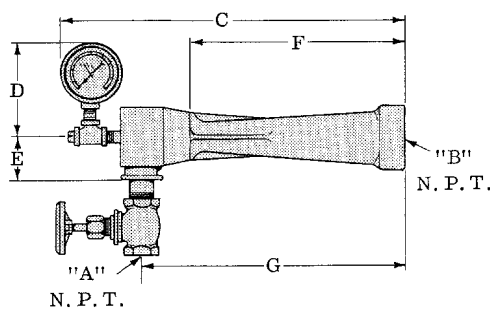
Using entraining air at 20 to 100 psig pressures.

Catalog Number	Outlet Size	Delivery Pressure (CFH)			
		8 oz.	16 oz.	24 oz.	32 oz.
AJ-3	3/4	600	1,000	1,200	1,400
AJ-4	1	1,200	1,500	2,000	2,500
AJ-5	1-1/4	2,000	2,500	3,500	4,500
AJ-6	1-1/2	3,000	4,000	4,500	6,000
AJ-8	2	4,500	6,000	7,500	9,000
AJ-10	2-1/2	7,000	10,000	12,000	15,000
AJ-12	3	10,000	14,500	18,750	23,000

NOTE: When ordering, be sure to specify Airjector number, capacity required, and compressed air pressure so orifice can be sized properly.



### Dimensions & Ordering Information



Catalog Number	Basic Assy. No.	Assy. No. w/Valve & Gauge	Dimensions, In Inches						
			A	B	C	D	E	F	G
AJ-3	300801	300811	3/8	3/4	11-1/8	4-1/8	1-3/8	6	7-7/16
AJ-4	300802	300812	3/4	1	11-7/8	4-1/8	1-13/16	7	9-7/8
AJ-5	300803	300813	3/4	1-1/4	15-1/2	4-1/8	1-13/16	9-11/16	11-11/16
AJ-6	300804	300814	3/4	1-1/2	15-7/8	4-1/8	2-1/16	10	12
AJ-8	300805	300815	3/4	2	16-1/8	4-1/8	2-1/16	10	12-1/4
AJ-10	300806	300816	3/4	2-1/2	20-3/8	4-1/8	2-11/16	14	16-1/2
AJ-12	300807	300817	3/4	3	25-7/8	4-1/8	2-5/8	19-5/8	21-7/8



Eclipse Combustion

Litho in U.S.A.



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