



Gas and Air mixing chamber, no combustion until exiting retention tip.
Orifice pipe should be 3/4 of the way back on the 2"x 12" galvanized nipple (burner mixing pipe).

2" galvanized nipple
12" long

2" out
away from
Kiln

2" coupling

3/8"
coupling

3/8" Plug

Magnetic
Flap

self tapping
tek screw

1" to 3/8"
Bell Reducer

3/8" pipe

Orifice (inside) 5 OZ
2 @ 1/8" holes = 120 BTU per hour
or
2 @ 9/64 = 175 BTU per hour

1" Gas Line

1 1/4" to 1" Tee

1 1/4" Manifold

FASCO shaded pole
blower 60 CFM.

Gauge reading
ounce per square inch vs inches of water column
1 ounce = 1.6 water column
water column gives more increments of measure per volume

Muffer Clamp

Retention Tip

Apollo ball valve

UniStrut and O.D.
Tubing Clamps

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