

ENCLOSED COMBUSTOR



Green Earth Combustors offer a smokeless, high-volume emission control solution for clients looking to save money and reduce their overall carbon footprint.

Our combustors are engineered to burn gas from (3) separate fuel sources (tank vapors, separator gas, and truck venting vapors) simultaneously in a single stack chamber, which reduces or eliminates the need for multiple units. In addition, the CE 1000, CE 2000, and CE 3000 are ideal as a back-up when vapor recovery units are down.

Our isolated flow controls allow for greater on-site control of the burner system to match actual field conditions of both high and low-pressure sources versus production designs. The net result is smokeless burning of vapors, with up to 99.9% destruction rate, while costing up to 50% less to set-up and maintain versus placing multiple lower volume units in sequence.

KEY FEATURES

- 99% or greater destruction efficiency
- Dual-inlets for simultaneous Hp and Lp gas streams
- High-volume (up to 3000 mscfd)
- Substantial reduction in associated facilities cost
- Broad turndown ratio
- Meets 40 CFR subpart 0000a

BENEFITS

- Smokeless operation
- Unit adapts to changes in field conditions
- Eliminates need for air assist
- Decreased noise and visibility
- Designed to save cost and increase performance
- Reduced carbon footprint

MODELS	DIMENSIONS	VOLUME	LOW PRESSURE	HIGH PRESSURE
CE 600	8' x 30'	600 Mscfd	0-16 oz	1-60 psig
CE 1000	9'x34'	1000 Mscfd	0-16 oz	1-70 psig
CE 2000	12'x48'	2000 Mscfd	0-16 oz	1-80 psig
CE 3000	14'x53'	3000 Mscfd	0-16 oz	1-80 psig

*Units smaller or larger than the volumes listed above can be designed by request
 *Actual stack size depends on the BTU content of the gas.