



## Enclosed Combustor – CH2.5

ECDCH25

### Combustor & Associated Equipment

Certification:	EPA 40 CFR 60, Quad O Compliant
Burner Size:	2.5 MMBTU/hr
Nominal Operating Temperature:	1500 °F
Minimum Inlet Pressure:	1.5 oz/in <sup>2</sup>
Dimensions:	34in OD x 16ft H (20ft w/ extension)
Turndown:	Scalable
Stack Insulation:	Ceramic

### Paint

External	Default Color: Noble Tan unless other color chosen as option
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### Notes

Pilot Consumption: Propane: 15 SCFH @ 4 psig, Natural Gas: 30 SCFH @ 8 - 10 psig (per ignitor)  
 OOOO (Quad O) Certified. >98% DRE when operating within flow rate guidelines and stated process sizing parameters.

Meets all EPA and CDPHE Regulations. Certified USEPA 40 CFR 60, App. A, Source Emissions Test Methods. The unit may not meet all structural requirements, including Wind and Seismic ratings, of the end user. Customer to inform if there are any structural requirements to consider.

## Standard Accessories - Included

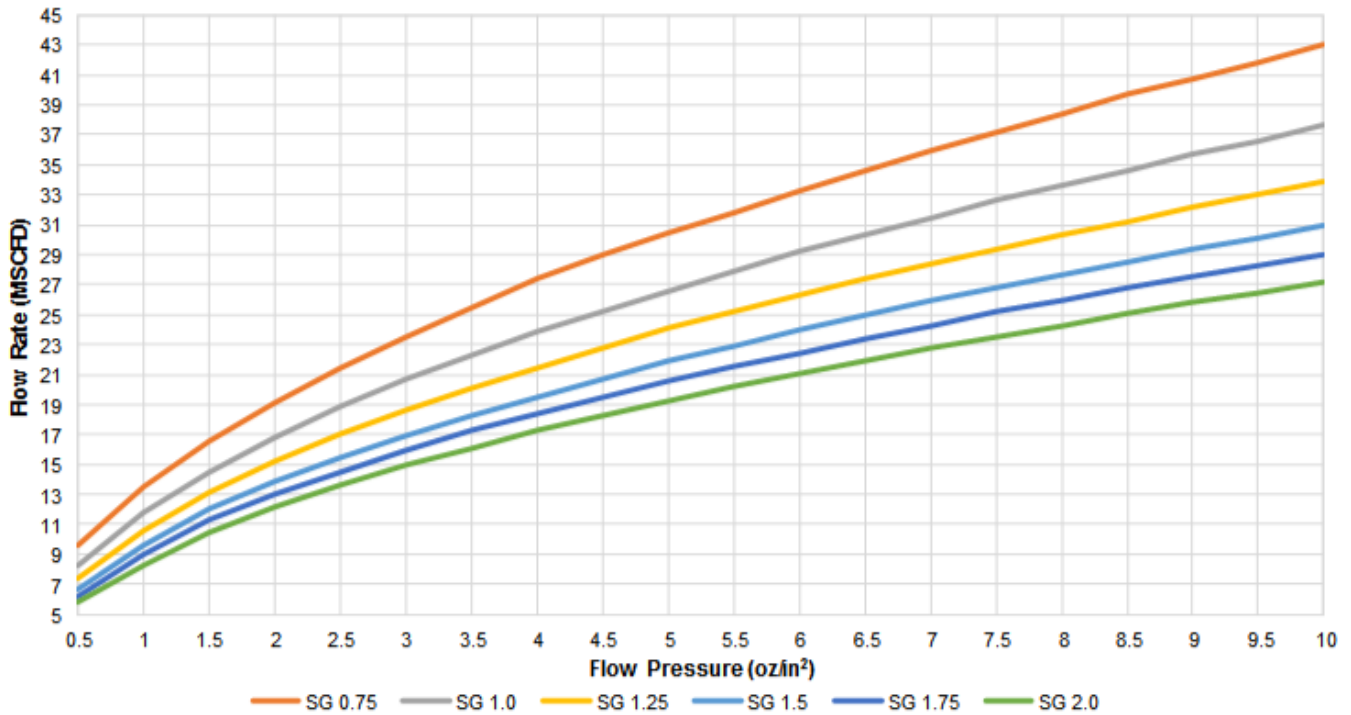
Description	OEM	OEM Model #	QTY
Bird Screen - Stainless Steel	Generic	Generic	1
Pilot Assembly, Flame Ionization, 31 SCFH @ 4 psig Consumption	Generic	Generic	1

## Optional Accessories

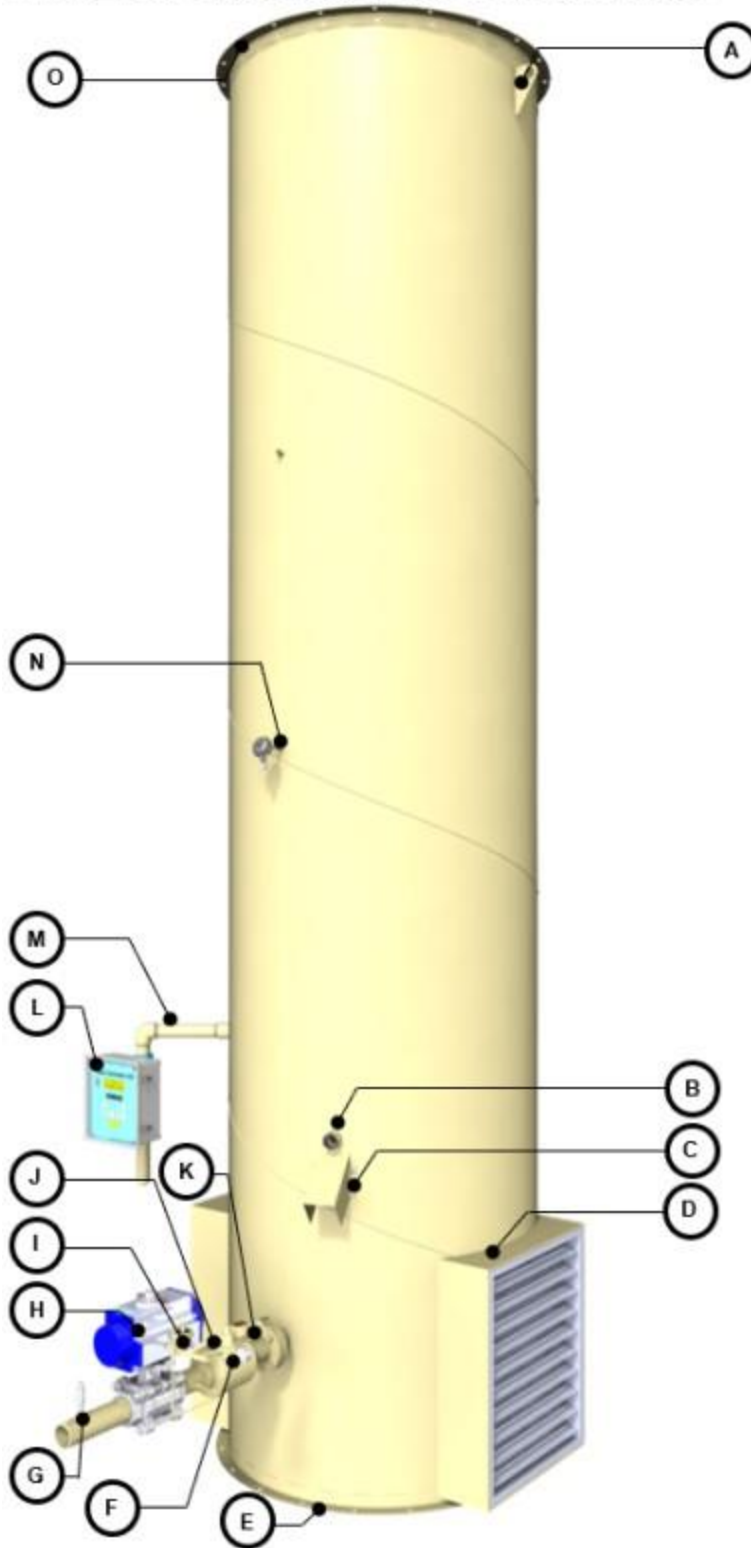
Description	OEM	OEM Model #	QTY
2" Inlet Piping with Waste Gas/Pilot ESDs, Gauges, Regulators	Cimarron	ECDCH25	1
2" NPT Flame Arrestor, 5 minutes burn time	Wenco	112907	1
Skid	Cimarron	N/A	1
4' Stack Extension	Cimarron	Generic	1
Thermal Mass Flow Meter	Cimarron	155353	1



**CH2.5: Estimated Flow Rate vs Flow Pressure with Corresponding Specific Gravity**



**GENERAL ARRANGEMENT DRAWING**



Item	Description
A	Lifting Eye
B	Sight Glass
C	Pilot
D	Louver
E	Flange for Attachment
F	Pressure Regulator for Pilot
G	Pressure Transducer (Option)
H	Main Gas Valve (Option)
I	3-Way Solenoid Valve (Option)
J	Flame Arrestor (Option)
K	2-Way Solenoid Valve (Option)
L	Controller (Option)
M	Controller Mount
N	Thermocouple (Option)
O	Bird Screen