



Enclosed Combustor - 30" OD x 102" OAL x 1.6 MMBTU/HR

ECD30STD

Data	Parameter
Size	30" OD x 102" OAL
Capacity (Third Party Verified)	11 MSCFD @ 10 oz/in using SG 1.52/2500 BTU/SCF
Heat Duty Rating	1.6 MMBTU/HR Max
Burner Size	88 Orifices, 19"L x 16" W
Stack	Un-insulated
Stack Internal Operating Temperature	500-1200°F
Inlet Temp	-20-1200°F
Pressure Rating	Atmospheric
Electrical Classification	Non-Hazardous
Wind Load	N/A, <20' OAL
Estimated Weight (No Concrete Block):	810 lbs

Connection Schedule	QTY	Size	Type
Waste Gas Inlet	1	3"	NPT
Pilot Gas (7 psig setpoint)	1	1/4"	NPT
Handhole Cover	1	8"	Assembly
Aux Pilot Automation (plugged)	1	3/4"	NPT

Paint	
External	Coated with silicone resin, Hi-Heat Industrial Black

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.

Accessories - Included

Description	OEM	OEM Model #	QTY
2" Flame Arrestor	Generic	N/A	1
Stainless Steel Burner Jets	Generic	Generic	88
Pilot Regulator, 1/4"	Fisher	67CR-206	1
Pilot Isolation Ball Valve 1/4 STL 2000# FP	Chemoil	2027WC-02	1
4'x4'x6" Concrete Block No Anchors	Generic	SL 120450	1



CALCULATED FLOW CAPACITY CURVE CIE-1-30 (2-30-88-0000)

