

ENCLOSED COMBUSTORS

EPA-APPROVED, QUAD-O SOLUTIONS



The **Tri-Point Enclosed Vapor Combustors** are an effective, efficient and economical alternative to achieving compliance with Quad-O EPA regulations. As an industry flare/combustor leader, Tri-Point offers more Quad-O EPA listed compliant combustors models than any other company. Our combustors are designed to destruct VOC's (Volatile Organic Compounds) and other vapors produced from oil storage vessels. The low pressure, high efficiency burner assemblies in the Tri-Point model line destruct tank vapors at a >95.0% rate, while allowing continuous depressurization of storage vessels.

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QUAD-O COMPLIANCE

- The EPA NSPS Quad-O legislation – 40 CRF 60 Subpart OOOO – states that as of April 2014, all oil storage tanks on wellsite facility start ups must have a control device, an enclosed combustor or a vapor recovery device, if they emit, or are expected to emit, more than 6 tons of VOC emissions per year. This control device must reduce and destroy the site's VOC emissions by 95 percent.
- Each Tri-Point combustor model has been approved as compliant with the EPA Quad-O regulation or is currently under review for approval
 - 5 Tri-Point combustor models are Quad-O compliant
 - 3 Tri-Point combustor models are under review with the EPA for Quad-O compliance

STANDARD FEATURES

- Flame Arrestor available on some models for increased safety
- Adjustable primary air venturi burner orifices
- Burner Management and Ignition Systems

OPTIONS

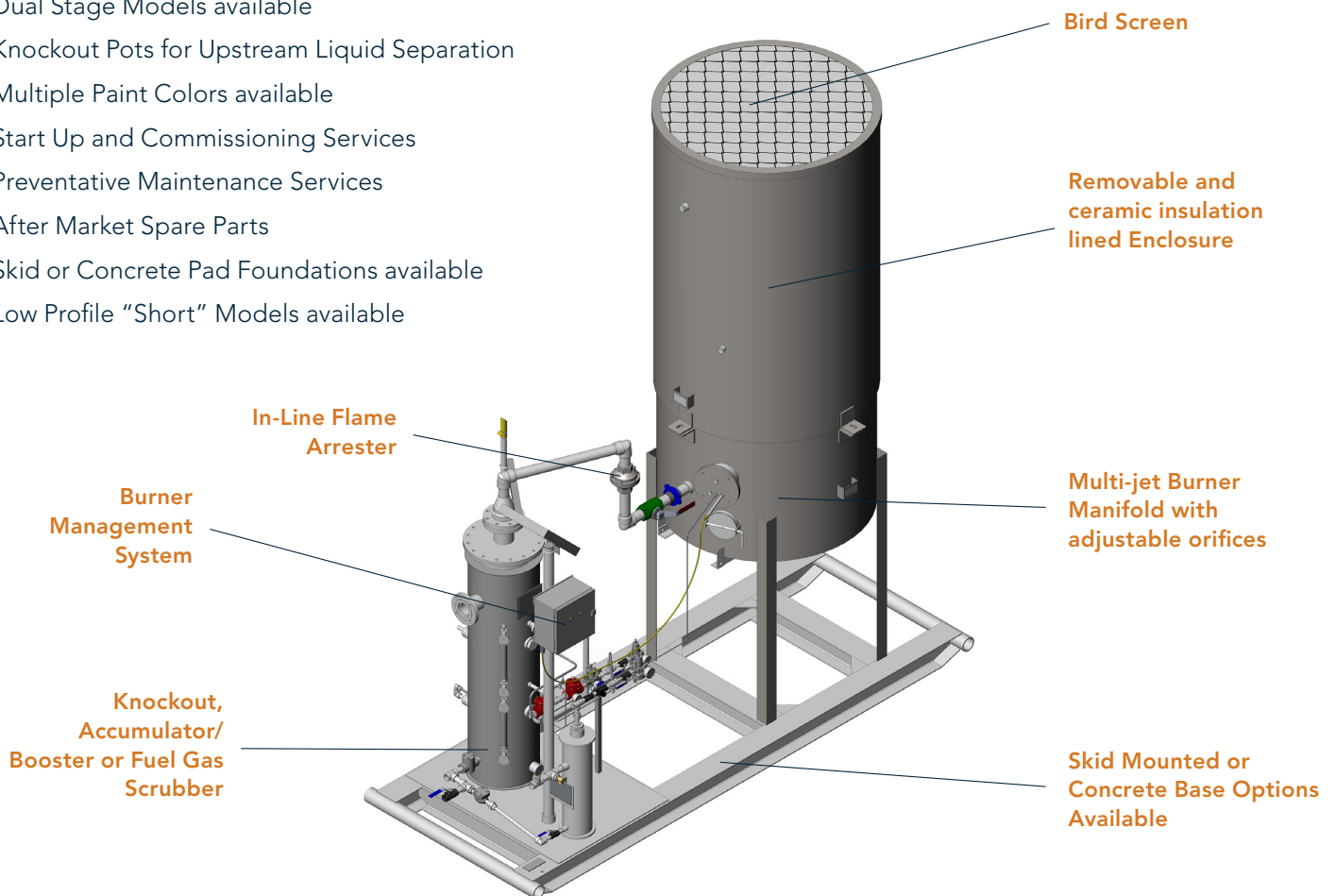
- Dual Stage Models available
- Knockout Pots for Upstream Liquid Separation
- Multiple Paint Colors available
- Start Up and Commissioning Services
- Preventative Maintenance Services
- After Market Spare Parts
- Skid or Concrete Pad Foundations available
- Low Profile "Short" Models available

BENEFITS

- High Turn Down Ratio of greater than 10:1 to continually match load requirements, reduce on-and-off cycling and ensure a smokeless operation
- Combustion capacity up to 300 MSCFD
- Greater than 95.0% destruction efficiency
- Stainless steel burner nozzles and ceramic fiber insulated stack increase product life and durability

APPLICATIONS

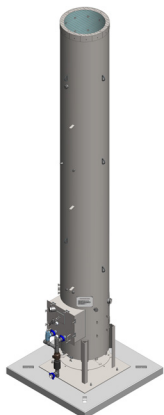
- Oil and Condensate Storage and Loading Facilities
- Portable Separators
- Glycol Dehydrators
- Oil Tank Storage Farms
- Compressor Stations
- Truck and Rail Car Loading Stations
- Landfills
- Any Low Pressure Gas Source



PRODUCT MODEL SPECIFICATIONS

Model	XXV	CXV	EC36	SCD-36	EC48	SCD-48	EC60	SCD-60								
Unit Size	18"	24"	36"	36"	48"	48"	60"	60"								
Unit Burner Stages	Single	Single	Single or Dual	Single	Single or Dual	Single	Single or Dual	Single								
NPS Quad-O Compliant	Under EPA Review	Under EPA Review	Yes	Yes	Single Stage Yes, Dual Under EPA Review	Yes	No	Yes								
Lower Heating Value	Flow Capacity	Pressure	Flow Capacity	Pressure	Flow Capacity	Pressure	Flow Capacity	Pressure	Flow Capacity	Pressure	Flow Capacity	Pressure	Flow Capacity	Pressure	Flow Capacity	Pressure
BTU/ft3	MSCFD	oz/in2	MSCFD	oz/in2	MSCFD	oz/in2	MSCFD	oz/in2	MSCFD	oz/in2	MSCFD	oz/in2	MSCFD	oz/in2	MSCFD	oz/in2
800	23.93	16.00	71.78	16.00	51.69	16.00	41.40	16.00	66.57	16.00	99.53	16.00	142.66	16.00	132.39	16.00
1000	20.68	16.00	62.04	16.00	44.67	16.00	35.78	16.00	57.53	16.00	86.01	16.00	123.29	16.00	114.42	16.00
1200	18.69	16.00	56.07	16.00	40.37	16.00	33.16	16.00	52.00	16.00	79.71	16.00	111.43	16.00	106.04	16.00
1400	17.29	16.00	51.86	16.00	37.34	16.00	30.67	16.00	48.09	16.00	73.72	16.00	103.05	16.00	98.07	16.00
1600	16.06	16.00	48.18	16.00	34.69	16.00	28.49	16.00	44.68	16.00	68.49	16.00	95.74	16.00	91.11	16.00
1800	14.32	14.40	45.27	16.00	32.60	16.00	26.77	16.00	41.99	16.00	64.36	16.00	89.97	16.00	85.62	16.00
2000	12.81	12.80	42.94	16.00	30.92	16.00	25.39	16.00	39.82	16.00	61.04	16.00	85.33	16.00	81.20	16.00
2200	11.70	12.00	40.51	16.00	29.17	16.00	23.96	16.00	37.57	16.00	57.60	16.00	80.51	16.00	76.62	16.00
2400	10.84	11.20	38.84	16.00	27.80	16.00	22.97	16.00	36.02	16.00	55.21	16.00	77.18	16.00	73.45	16.00
2500	10.23	10.40	38.05	16.00	26.00	14.40	22.50	16.00	35.29	16.00	54.09	16.00	75.61	16.00	71.95	16.00

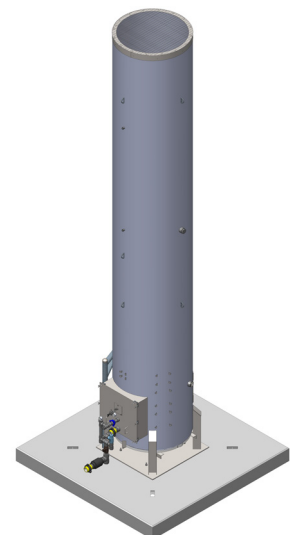
MULTIPLE STANDARD MODELS AVAILABLE



18" XXV &
24" CXV MODELS



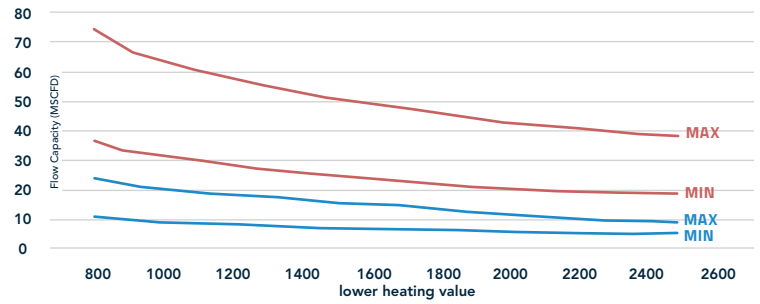
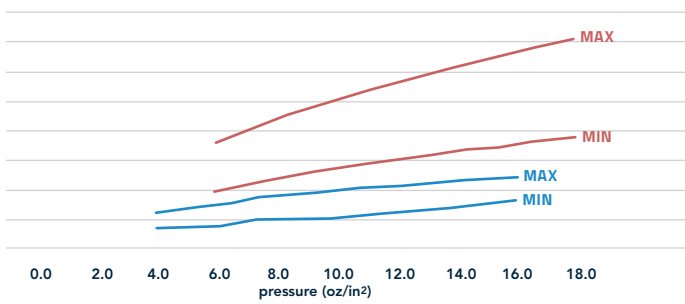
36", 48" & 60"
SCD MODELS



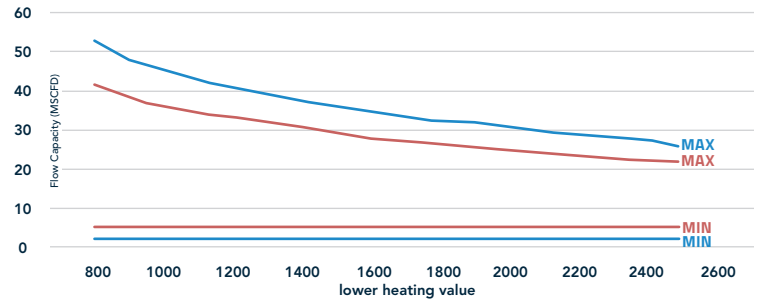
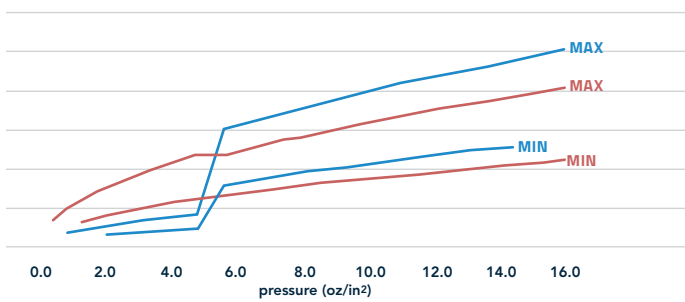
36", 48" & 60"
EC MODELS

Both Short and Tall Models Available

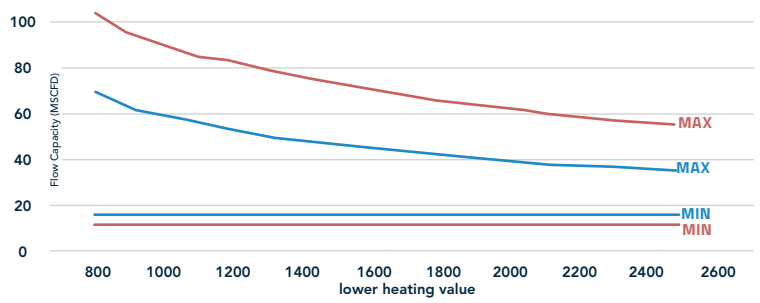
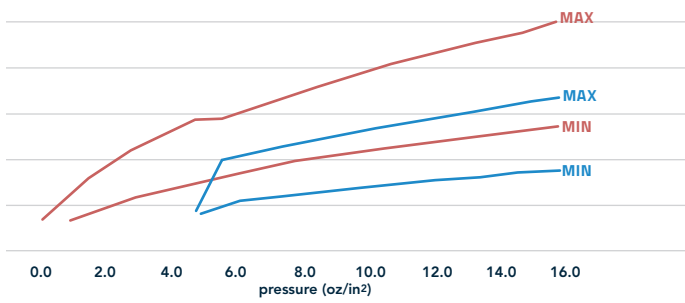
18" XXV & 24" CXV COMBUSTORS



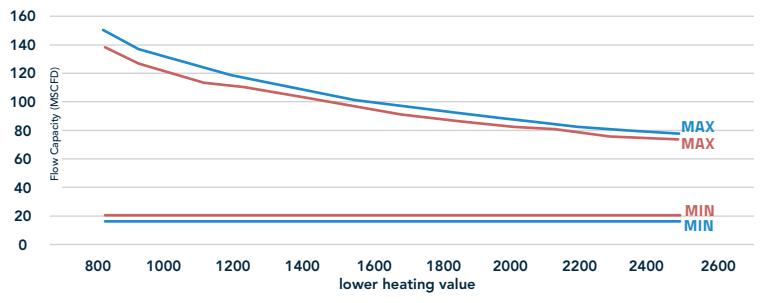
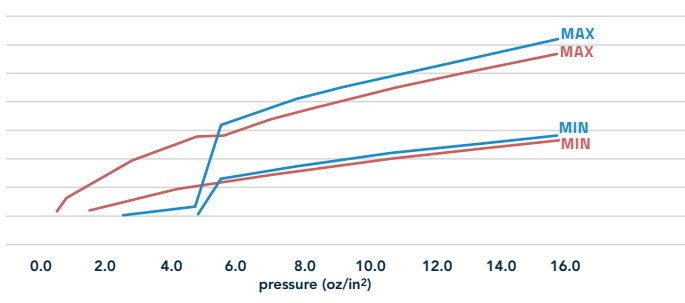
36" EC36 COMBUSTOR (DUAL STAGE) & 36" SCD-36 COMBUSTOR



48" EC48 COMBUSTOR (DUAL STAGE) & 48" SCD-48 COMBUSTOR



60" EC60 COMBUSTOR (DUAL STAGE) & 60" SCD-60 COMBUSTOR



Tri-Point is an oil and gas production and processing solutions provider with locations supporting each of the major onshore basins in the U.S. The company is dedicated to working with its customers to develop tailored products and services that address needs from the wellhead through the pipeline.

HEADQUARTERS

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SALES & MANUFACTURING LOCATIONS

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EAST TEXAS (800) 780-4011

ROCKIES (970) 635-3100

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