



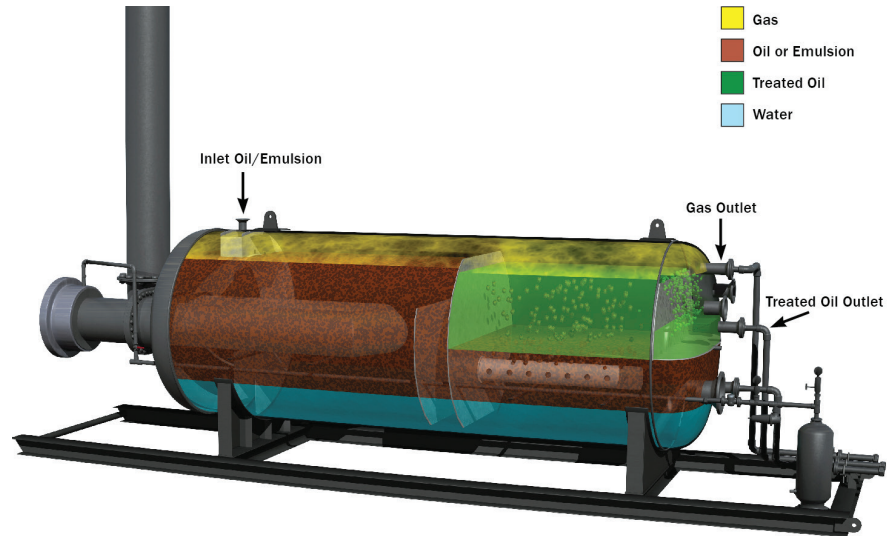
HORIZONTAL TREATER

Key Benefits

- Boost production capacity with Exterran's high-capacity horizontal design, increasing retention time and Btu.
- Improve efficiency with our distinctive inlet shroud that makes better use of the vessel's cross-sectional area.
- Get better separation with our unique distributor evenly dispersing emulsion.
- Optimize performance and safety with the latest ASME standards ensuring consistent design and construction.
- Start up faster and reduce downtime with our proven pre-engineered design, in stock and ready for delivery.
- Get fast, professional service and support with local technicians and spare parts in every major oil & gas producing area.
- Safeguard investment with 12-month warranty from startup date or 18-month warranty from delivery date.

Standard Product Features

- Inlet oil/emulsion shroud
- Removable firetube and stack
- Flame arrestor
- High-efficiency burner and pilot assembly
- Temperature controller
- Tubular liquid level gauge assemblies
- Pressure gauge with isolating valve
- Oil level controller and dump valve
- Water level controller and dump valve
- Pressure relief valve
- High temperature shutdown controller
- Gas back-pressure valve
- Fuel gas scrubber with high-level shutdown
- 18 inch manway



OVERVIEW

The Exterran Horizontal Treater is designed to efficiently treat large capacities of crude oil by removing water and emulsion from the well-stream, preparing the treated oil for delivery. Our unique shroud and distributor provide increased capacity, efficiency and separation. Exterran's pre-engineered design and adherence to the latest ASME standards ensures consistent and reliable construction, as well as quick delivery, optimal performance, and safe operation.

HOW IT WORKS

Produced fluids enter the treater vessel through the top inlet and flow down into the shroud surrounding the firetube. Exterran's unique shroud and heat-retaining baffle allow for more efficient and even heating of the crude/emulsion.

Gas released from the incoming stream collects in the upper section and exits the vessel through the gas back-pressure valve. Freewater released from the incoming stream collects in the lower section of the vessel. Heating extracts additional water from the crude, and the produced water is then discharged through the water outlet.

The crude and remaining emulsion flow from the heater section into the distributor, which provides enhanced dispersal and separation above the oil/water interface.

The treated oil flows into the settling section and is then directed to the oil outlet for delivery to storage or pipeline.

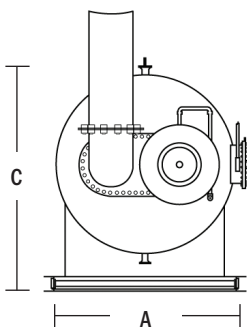
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Sizing and Options Form

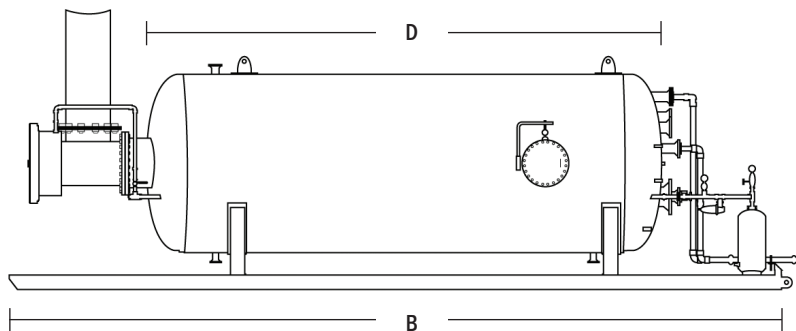
Contact an Exterran sales representative or email PEQ.Proposals@exterran.com to submit sizing information and obtain a quote.

DIMENSIONS

Top View



Side View



Dimensions shown here are approximate and may vary. Precise measurements for freight should be confirmed prior to shipping.

Standard Specifications														
Size* OD x L (ft)	MAWP (psig)	Capacities				Inlet Emulsion (in)	Outlets			Dimensions				Shipping Weight (lbs)
		Heating (MBtu/hr)	Oil Treating (bpd)	Liquid (bpd)	Gas (MMscfd)		Oil (in)	Gas (in)	Water (in)	A Width (ft - in)	B Length (ft - in)	C Height (ft - in)	D Length (ft - in)	
6 x 20	100	1	2,100	2,800	1.5	3	3	3	3	8 - 0	30 - 0	8 - 11	26 - 11	10,500
8 x 20	100	1.5	3,150	4,200	2	4	4	4	4	10 - 0	35 - 0	10 - 10	27 - 8	17,500
8 x 30	100	2.5	5,250	7,000	2.5	6	6	6	6	10 - 0	40 - 0	10 - 10	37 - 8	22,500

*Larger and custom units are available.

Options Checklist

- Internal coating
- Pilot flame-out safety control (BSL)
- High/Low liquid level shut off (LSHL)
- Sand jet system
- Stack arrestor
- Anode
- Skid mount
- Insulation
- Ladder and platform
- Cold-weather housing
- Sour service design

Sizing Requirements

Inlet	Pressure (psig)	
	Temp. (°F)	
Oil Flow	Rate (bpd)	
	Specific Gravity	
	°API	
Water Flow	Rate (bpd)	
	Specific Gravity	
Gas Flow	Rate (MMscfd)	
	Specific Gravity	
Sour Service	Yes / No	
	CO ₂ (mol%)	
	H ₂ S (ppm)	



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