

Horizontal Gas Buster Tank ET-44 (Enviro Tank)



Features:

- Horizontal Gas Buster – Reduced Emissions
- 50 psi rated
- 44 bbl Total Separation Volume
- 350 bbl Total Tank Volume
- 20,000 bbl/d (800 bbl/hr) Liquid Flow Rate
- 5 MMscfd (continuous duty)
8 MMscfd Gas Flow Rate (intermittent duty)
- Clean Out Hatch
- Mist Extractor

Specifications:

Pressure Rating	50 psi
Weight	30,700 lb
Dimension	8'-6" wide x 13' tall x 48" long
Inlet	2" 1502
Gas Outlet	(1) 6"- CL 150 Flange (some models have 2 outlets)
Oil/Cond Outlet	(2) 6"- CL150 Flange

Witchita Tank		
inch	BBL	bbl/in
1	4.50	
2	9.00	4.50
3	13.50	4.50
4	18.00	4.50
5	22.50	4.50
6	27.00	4.50
7	31.50	4.50
8	36.00	4.50
9	40.50	4.50
10	45.00	4.50
11	49.50	4.50
12	54.00	4.50
13	58.50	4.50
14	63.00	4.50
15	67.50	4.50
16	72.00	4.50
17	76.50	4.50
18	81.00	4.50
19	85.50	4.50
20	90.00	4.50
21	94.50	4.50
22	99.00	4.50
23	103.50	4.50
24	108.00	4.50
25	112.50	4.50
26	117.00	4.50
27	121.50	4.50
28	126.00	4.50
29	130.50	4.50
30	135.00	4.50
31	139.50	4.50
32	144.00	4.50
33	148.50	4.50
34	153.00	4.50
35	157.50	4.50
36	162.00	4.50

inch	BBL	bbl/in
37	166.75	4.75
38	171.50	4.75
39	176.25	4.75
40	181.00	4.75
41	185.75	4.75
42	190.50	4.75
43	195.25	4.75
44	200.00	4.75

inch	BBL	bbl/in
45	205.00	5.00
46	210.00	5.00
47	215.00	5.00
48	220.00	5.00
49	225.00	5.00
50	230.00	5.00
51	235.00	5.00
52	240.00	5.00
53	245.00	5.00
54	250.00	5.00
55	255.00	5.00
56	260.00	5.00
57	265.00	5.00
58	270.00	5.00
59	275.00	5.00
60	280.00	5.00
61	285.00	5.00
62	290.00	5.00
63	295.00	5.00
64	300.00	5.00
65	305.00	5.00
66	310.00	5.00
67	315.00	5.00
68	320.00	5.00
69	325.00	5.00
70	330.00	5.00
71	335.00	5.00
72	340.00	5.00
73	345.00	5.00
74	350.00	5.00
75	355.00	5.00
76	360.00	5.00
77	365.00	5.00
78	370.00	5.00
79	375.00	5.00
80	380.00	5.00

Revision Sheet

Rev	Date	Description of Changes
0 draft	3/29/16	Draft proof sent out to get comments
A	2/2/17	Revised rate
B	10/12/2020	Revised rendering

Relief Info:

	24" Cylinder:	48" Cylinder
Hydrostatically Test Annually t	200 psi (2 MAWP) ? 150 psi (1.5*MAWP)	100 psi (2*MAWP)
Maximum Allowable Working Pressure (MAWP)	100 psi	50 psi
Set Relief Pressure	110psi	55 psi
MMscfd at MAWP	9.8 MMscfd	12.3 MMscfd
Size of PSV	2"-150 X 3"-150	3"-150 X 4"-150

- Test pressure setting of each Relief Valve prior to every job.
- Hydrostatically test the Cylinders annually
- Install a Nameplate onto the cylinders stating rating.
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