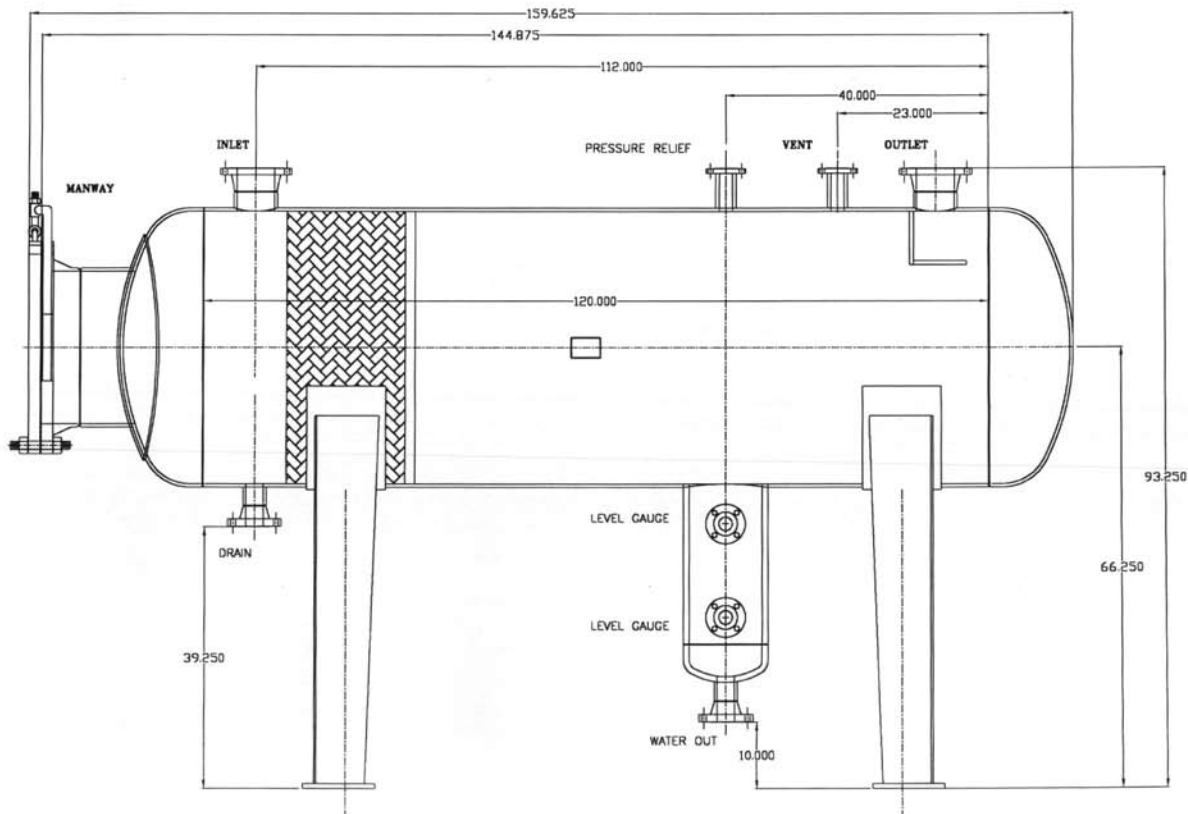


24" x 10' Vertical Two-Stage Oil/Gas Separator

This product can be used to separate free liquid from gas streams in flow ranges from 5.2 MM SCFD to 19.3 MM SCFD. Liquid capacity may vary from 100 to 800 BBL / day depending on desired liquid settling time. Use the following tables to determine the recommended minimum and maximum gas flow rates at varying pressures. DO NOT exceed the maximum allowable working pressure of 250 psig.

Gas Flow Capacity (MMSCFD)					
Pressure	Minumum	Ideal	Max	Liquid Flow (BBL/day)	Setting Time (min)
250 psig	11.6	15.4	19.3	800	1.1
200 psig	10.4	13.8	17.3	600	1.5
150 psig	9.0	12.0	15.0	400	2.3
100 psig	7.4	9.8	12.3	200	4.5
50 psig	5.2	6.9	8.6	100	9.0





24" x 10' Vertical Two-Stage Oil/Gas Separator

Some examples of other pressures ratings with correlating flow rates and gas densities for both 24" and 36" vertical separators:

Gas Flow Capacity (MMSCFD) @ gas SG 0.65			
Pressure	Minumum	Ideal	Max
1440 psig	7.3	29.2	36.5
750 psig	2.4	9.5	11.8
500 psig	1.4	5.5	6.9
250 psig	2.8	11.0	13.8
200 psig	2.5	9.8	12.3
150 psig	2.2	8.6	10.8
100 psig	1.8	7.0	8.8
50 psig	1.3	5.0	6.3

Gas Flow Capacity (MMSCFD) @ gas SG 0.8			
Pressure	Minumum	Ideal	Max
1440 psig	7.9	31.7	39.6
750 psig	2.6	10.3	12.9
500 psig	1.5	6.0	7.5

Liquid Flow (BBL/day)	Setting Time (min)
800	1.1
600	1.5
400	2.3
200	4.5
100	9.0