

Horizontal High Pressure Separators  
3 Phase

Size Dia.x S-S	WP PSIG	APPX WT.	LIQ. CAP. B/D	GAS CAPACITIES MMSCFD					
				400 PSIG	600 PSIG	800 PSIG	1000 PSIG	1200 PSIG	1440 PSIG
20" OD x 7'6"	1000	1356	35	5.2	6.5	7.4	8.3	-	-
	1200	1712	305	5.2	6.5	7.4	8.3	9.2	-
	1440	2058	295	4.9	6.1	7	7.9	8.7	9.4
20" OD x 10'	1000	1654	500	6	7.5	8.5	9.7	-	-
	1200	2048	500	6	7.5	8.5	9.7	10.6	-
	1440	2081	475	5.7	7.1	8.1	9.2	10.1	10.9
24" OD x 7'6"	720	1341	480	8	9.9	-	-	-	-
	1000	1965	460	7.6	9.4	10.9	12.2	-	-
	1200	2280	455	7.5	9.3	10.7	12.1	13.3	-
24" OD x 10'	1440	2528	440	7.3	9.1	10.5	11.8	13	14.1
	720	1692	780	9.2	11.5	-	-	-	-
	1000	2485	750	8.8	10.9	12.5	14.2	-	-
24" OD x 10'	1200	2884	740	8.7	10.8	12.4	14	15.4	-
	1440	3215	720	8.5	10.6	12.1	13.7	15.1	16.4
	720	2226	770	12.5	15.7	-	-	-	-
30" OD x 7'6"	1000	2999	740	12.3	15.4	17.7	20	-	-
	1200	3549	730	11.8	14.8	17	19.2	21.1	-
	1440	4097	710	11.6	14.4	16.5	18.7	20.6	22.3
30" OD x 10'	720	2775	1240	14.5	18.1	-	-	-	-
	1000	3760	1210	14.2	17.8	20.4	23.1	-	-
	1200	4467	1180	13.7	17.1	19.7	22.2	24.4	-
30" OD x 10'	1440	5170	1150	13.4	16.7	19.1	21.6	23.8	25.8
	720	3871	2200	17.4	21.6	-	-	-	-
	1000	5282	2130	16.9	21.1	24.4	27.4	-	-
30" OD x 15'	1200	6303	2080	16.5	20.6	23.7	26.8	29.6	-
	1440	7316	2030	16	19.9	22.8	25.8	28.4	30.1
	720	4031	1770	21.2	26.3	-	-	-	-
36" OD x 10'	1000	5555	1750	20.4	25.3	29.2	33	-	-
	1200	6464	1690	20.3	25.2	29	32.8	36.1	-
	1440	7695	1630	18.9	23.5	27.1	30.6	33.7	34.2
36" OD x 15'	720	5609	3110	25.6	31.8	-	-	-	-
	1000	7772	3070	25.1	31.1	35.8	40.4	-	-
	1200	9058	2980	24.4	30.4	35	39.6	43.5	-
36" OD x 15'	1440	10785	2860	23.2	28.8	33.3	37.5	41.3	44.8
	720	4571	1940	22.2	27.7	-	-	-	-
	1000	6292	1940	22.2	27.7	31.9	36	-	-
36" ID x 10'	1200	7782	1940	22.2	27.7	31.9	36	39.6	-
	1440	9172	1940	22.2	27.7	31.9	36	39.6	43
	720	6357	3420	27.5	34.1	-	-	-	-
36" ID x 15'	1000	8786	3420	27.5	34.1	39.3	44.5	-	-
	1200	10851	3420	27.5	34.4	39.3	44.5	48.9	-
	1440	12824	3420	27.5	34.4	39.3	44.5	48.9	53.1

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				400 PSIG	600 PSIG	800 PSIG	1000 PSIG	1200 PSIG	1440 PSIG
42" OD x 10'	720	5570	2420	28.1	34.9	-	-	-	-
	1000	7441	2330	27	33.6	38.7	43.8	-	-
	1200	9184	2270	26.3	32.7	37.7	42.6	46.8	-
	1440	10650	2230	25.8	32.1	37	41.7	45.9	49.8
42" OD x 15'	720	7703	4270	34.4	42.6	-	-	-	-
	1000	10335	4110	33	41.1	47.3	53.4	-	-
	1200	12812	4000	32	40	46	52	57.2	-
	1440	14856	3930	31.6	39.2	45.2	51	56.1	61.3
42" ID x 10'	720	6609	2640	30.5	37.9	-	-	-	-
	1000	8479	2640	30.5	37.9	43.7	49.4	-	-
	1200	10861	2640	30.5	37.9	43.7	49.4	54.3	-
	1440	12589	2640	30.5	37.9	43.7	49.4	54.3	58.9
42" ID x 15'	720	9177	4650	37.3	46.3	-	-	-	-
	1000	11708	4650	37.3	46.3	53.3	60.3	-	-
	1200	15094	4650	37.3	46.3	53.3	60.3	66.4	-
	1440	17502	4650	37.3	46.3	53.3	60.3	66.4	72.4
48" OD x 10'	720	7730	3170	35	43.5	-	-	-	-
	1000	9773	3060	34	42.1	48.7	54.8	-	-
	1200	11964	2990	33.2	41.2	47.5	53.6	58.9	-
	1440	14375	2910	32.2	40	46.2	52.2	57.2	62
48" OD x 15'	720	10537	5600	42.8	53.1	-	-	-	-
	1000	13602	5430	41.4	51.5	59.2	67	-	-
	1200	16464	5300	40.5	50.3	58	65.5	72	-
	1440	19869	5170	39.4	48.9	56.4	63.7	70	76.1
48" OD x 20'	720	13343	7750	47.8	59.3	-	-	-	-
	1000	17430	7530	46.4	57.4	66.1	75	-	-
	1200	20964	7350	45.3	56.2	64.8	73.4	80.4	-
	1440	25363	7120	44	54.6	63	71.1	78.2	84.9
48" ID x 10'	720	8616	3430	38.1	47.3	-	-	-	-
	1000	11594	3430	38.1	47.3	54.6	61.6	-	-
	1200	13912	3430	38.1	47.3	54.6	61.6	67.6	-
	1440	18024	3430	38.1	47.3	54.6	61.6	67.6	73.2
48" ID x 15'	720	11917	6080	46.7	57.8	-	-	-	-
	1000	16028	6080	46.7	57.8	66.6	75.3	-	-
	1200	19112	6080	46.7	57.8	66.6	75.3	82.7	-
	1440	24775	6080	46.7	57.8	66.6	75.3	82.7	90
48" ID x 20'	720	15217	8430	52	64.5	-	-	-	-
	1000	20462	8430	52	64.5	74.4	84	-	-
	1200	24311	8430	52	64.5	74.4	84	92.4	-
	1440	31527	8430	52	64.5	74.4	84	92.4	100.4
54" ID x 15'	720	15513	7700	51.4	63.7	-	-	-	-
	1000	19990	7700	51.4	63.7	73.5	83	-	-
	1200	24525	7700	51.4	63.7	73.5	83	91.3	-
	1440	29882	7700	51.4	63.7	73.5	83	91.3	99.2

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				400 PSIG	600 PSIG	800 PSIG	1000 PSIG	1200 PSIG	1440 PSIG
54" ID x 20'	720	19637	10700	59.3	73.8	-	-	-	-
	1000	25388	10700	59.3	73.8	84.8	95.9	-	-
	1200	31213	10700	59.3	73.8	84.8	95.9	105.6	-
	1440	37878	10700	59.3	73.8	84.8	95.9	105.6	114.5
60" ID x 15'	720	19357	8400	63.2	78.5	-	-	-	-
	1000	26635	9400	63.2	78.5	90.5	102.2	-	-
	1200	32269	9400	63.2	78.5	90.5	102.2	112.4	-
	1440	38556	9400	63.2	78.5	90.5	102.2	112.4	122.2
60" ID x 20'	720	24396	13200	72	89.3	-	-	-	-
	1000	33563	13200	72	89.3	102.8	116.2	-	-
	1200	40634	13200	72	89.3	102.8	116.2	128	-
	1440	48374	13200	72	89.3	102.8	116.2	128	138.9

