



**FIBRATORE**  
INGENIERIA EN PLASTICO REFORZADO

**AFORO TANQUES DE COMBUSTIBLE DOBLE PARED**  
**UN COMPARTIMENTO SERIE A205-130**

**PÁG. 1/1**

DIAMETRO INTERIOR (m)	<b>2,30</b>
LONGITUD CILINDRICA (m)	<b>10,26</b>
COMPARTIMIENTOS	<b>1</b>

	LITROS	GALONES
VOLUMEN PORCIÓN CILINDRICA	42.627,80	11.261,1
VOLUMEN CABEZALES	2.673,92	706,4
VOLUMEN TOTAL TANQUE	45.301,72	11.967,4

**TANQUE N° 1**

ALTURA cm	AFORO GALONES
0	0,00
1	5,52
2	15,63
3	28,74
4	44,28
5	61,90
6	81,39
7	102,56
8	125,28
9	149,48

ALTURA cm	AFORO GALONES
50	1.888,55
51	1.943,25
52	1.998,37
53	2.053,88
54	2.109,79
55	2.166,09
56	2.222,76
57	2.279,80
58	2.337,20
59	2.394,95

ALTURA cm	AFORO GALONES
100	4.980,85
101	5.047,33
102	5.113,89
103	5.180,53
104	5.247,23
105	5.313,99
106	5.380,80
107	5.447,67
108	5.514,58
109	5.581,53

ALTURA cm	AFORO GALONES
150	8.291,05
151	8.354,56
152	8.417,86
153	8.480,95
154	8.543,82
155	8.606,46
156	8.668,87
157	8.731,04
158	8.792,98
159	8.854,63

ALTURA cm	AFORO GALONES
190	10.601,25
191	10.650,79
192	10.699,81
193	10.748,28
194	10.796,20
195	10.843,55
196	10.890,32
197	10.936,49
198	10.982,05
199	11.026,99

10	174,99
11	201,81
12	229,83
13	259,02
14	289,31
15	320,66
16	353,03
17	386,37
18	420,67
19	455,87

60	2.453,05
61	2.511,49
62	2.570,26
63	2.629,35
64	2.688,75
65	2.748,47
66	2.808,48
67	2.868,79
68	2.929,38
69	2.990,25

110	5.648,51
111	5.715,52
112	5.782,55
113	5.849,60
114	5.916,68
115	5.983,72
116	6.050,79
117	6.117,85
118	6.184,90
119	6.251,93

160	8.916,05
161	8.977,19
162	9.038,07
163	9.098,68
164	9.158,97
165	9.218,98
166	9.278,69
167	9.338,10
168	9.397,19
169	9.455,96

200	11.071,30
201	11.114,95
202	11.157,93
203	11.200,23
204	11.241,82
205	11.282,69
206	11.322,81
207	11.362,18
208	11.400,78
209	11.438,54

20	491,98
21	528,91
22	566,68
23	605,27
24	644,63
25	684,78
26	725,63
27	767,22
28	809,52
29	852,50

70	3.051,40
71	3.112,81
72	3.174,48
73	3.236,41
74	3.298,58
75	3.360,99
76	3.423,63
77	3.486,50
78	3.549,59
79	3.612,89

120	6.318,94
121	6.385,92
122	6.452,87
123	6.519,78
124	6.586,65
125	6.653,48
126	6.720,22
127	6.786,92
128	6.853,55
129	6.920,11

170	9.514,39
171	9.572,49
172	9.630,25
173	9.687,85
174	9.744,69
175	9.801,36
176	9.857,66
177	9.913,57
178	9.969,08
179	10.024,19

210	11.475,48
211	11.511,57
212	11.546,78
213	11.581,07
214	11.614,42
215	11.646,79
216	11.678,14
217	11.708,43
218	11.737,61
219	11.765,64

30	896,15
31	940,45
32	985,39
33	1.030,96
34	1.077,13
35	1.123,90
36	1.171,25
37	1.219,18
38	1.267,64
39	1.316,65

80	3.676,40
81	3.740,11
82	3.804,02
83	3.868,12
84	3.932,39
85	3.996,85
86	4.061,47
87	4.126,26
88	4.191,21
89	4.256,32

130	6.986,60
131	7.052,99
132	7.119,30
133	7.185,52
134	7.251,63
135	7.317,64
136	7.383,54
137	7.449,31
138	7.514,97
139	7.580,49

180	10.078,89
181	10.133,18
182	10.187,03
183	10.240,44
184	10.293,41
185	10.345,92
186	10.397,98
187	10.449,52
188	10.500,60
189	10.551,16

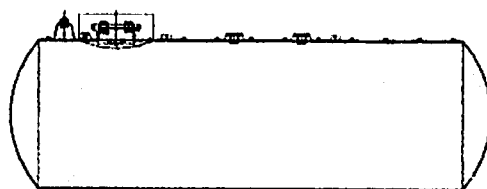
220	11.792,45
221	11.817,99
222	11.842,16
223	11.864,89
224	11.886,06
225	11.905,54
226	11.923,17
227	11.938,70
228	11.951,82
229	11.961,93

40	1.366,20
41	1.416,27
42	1.466,85
43	1.517,92
44	1.569,49
45	1.621,53
46	1.674,04
47	1.727,00
48	1.780,42
49	1.834,27

90	4.321,56
91	4.386,95
92	4.452,48
93	4.518,13
94	4.583,91
95	4.649,81
96	4.715,81
97	4.781,93
98	4.848,14
99	4.914,45

140	7.645,88
141	7.711,13
142	7.776,23
143	7.841,18
144	7.905,97
145	7.970,60
146	8.035,05
147	8.099,33
148	8.163,43
149	8.227,33

230	11.967,45
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MODELACION 3D CON MECHANICAL DESKTOP 8.0  
CON CORTES REALES CADA 1.0 cm. ERROR: 0.50%

*Alveiro Velez A.*  
REALIZO: ALVEIRO VELEZ A.

DIAMETRO INTERIOR (m)	<b>2,30</b>
LONGITUD CILINDRICA (m)	<b>10,28</b>
NUMERO DE RIBS	<b>21</b>
LONGITUD COMPARTIMIENTO 1	<b>2,12</b>
NUMERO DE RIBS COMP. 1	
LONGITUD COMPARTIMIENTO 2	<b>8,16</b>
NUMERO DE RIBS COMP. 2	

	LITROS	GALONES
VOLUMEN PORCIÓN CILINDRICA	42.710,89	11.283,0
VOLUMEN CABEZALES	2.673,92	706,4
VOLUMEN TOTAL TANQUE	45.384,81	11.989,4
VOLUMEN COMPARTIMIENTO 1	11.482,00	3.033,2
VOLUMEN COMPARTIMIENTO 2	33.902,81	9.056,2

## COMPARTIMIENTO A

ALTURA cm	AFORO GALONES
0	0,00
1	1,17
2	3,38
3	6,24
4	9,68
5	13,61
6	17,98
7	22,77
8	27,93
9	33,44

ALTURA cm	AFORO GALONES
50	455,74
51	469,50
52	483,37
53	497,37
54	511,49
55	525,72
56	540,07
57	554,53
58	569,10
59	583,78

ALTURA cm	AFORO GALONES
100	1.253,50
101	1.270,92
102	1.288,37
103	1.305,83
104	1.323,32
105	1.340,83
106	1.358,36
107	1.375,90
108	1.393,46
109	1.411,03

ALTURA cm	AFORO GALONES
150	2.120,00
151	2.136,47
152	2.152,87
153	2.169,21
154	2.185,47
155	2.201,66
156	2.217,78
157	2.233,83
158	2.249,80
159	2.265,68

ALTURA cm	AFORO GALONES
190	2.707,74
191	2.719,98
192	2.732,07
193	2.744,01
194	2.755,78
195	2.767,39
196	2.778,84
197	2.790,12
198	2.801,23
199	2.812,16

10	39,30
11	45,47
12	51,94
13	58,70
14	65,74
15	73,05
16	80,62
17	88,44
18	96,51
19	104,82

60	598,56
61	613,45
62	628,43
63	643,52
64	658,70
65	673,98
66	689,35
67	704,82
68	720,37
69	736,01

110	1.428,61
111	1.446,20
112	1.463,80
113	1.481,40
114	1.499,00
115	1.516,61
116	1.534,22
117	1.551,83
118	1.569,43
119	1.587,02

160	2.281,49
161	2.297,21
162	2.312,85
163	2.328,41
164	2.343,87
165	2.359,24
166	2.374,52
167	2.389,70
168	2.404,79
169	2.419,78

200	2.822,92
201	2.833,49
202	2.843,88
203	2.854,09
204	2.864,10
205	2.873,91
206	2.883,52
207	2.892,93
208	2.903,17
209	2.911,11

20	113,35
21	122,11
22	131,10
23	140,29
24	149,70
25	159,31
26	169,13
27	179,14
28	189,34
29	199,73

70	751,73
71	767,54
72	783,43
73	799,40
74	815,44
75	831,56
76	847,75
77	864,02
78	880,35
79	896,75

120	1.604,61
121	1.622,19
122	1.639,76
123	1.657,32
124	1.674,86
125	1.692,39
126	1.709,90
127	1.727,39
128	1.744,86
129	1.762,30

170	2.434,66
171	2.449,45
172	2.464,12
173	2.478,69
174	2.493,15
175	2.507,50
176	2.521,73
177	2.535,85
178	2.549,85
179	2.563,73

210	2.919,87
220	2.928,41
230	2.936,71
240	2.944,78
250	2.952,60
260	2.960,17
270	2.967,48
280	2.974,52
290	2.981,29
300	2.987,76

30	210,30
31	221,08
32	232,00
33	243,10
34	254,38
35	265,83
36	277,44
37	289,22
38	301,15
39	313,24

80	913,22
81	929,75
82	946,35
83	963,00
84	979,71
85	996,48
86	1.013,30
87	1.030,18
88	1.047,10
89	1.064,08

130	1.779,72
131	1.797,11
132	1.814,47
133	1.831,81
134	1.849,11
135	1.866,37
136	1.883,60
137	1.900,79
138	1.917,95
139	1.935,06

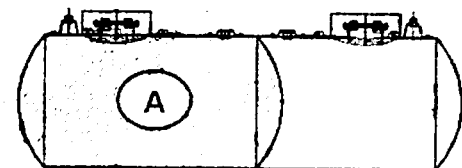
180	2.577,48
181	2.591,11
182	2.604,61
183	2.617,99
184	2.631,23
185	2.644,33
186	2.657,30
187	2.670,13
188	2.682,81
189	2.695,34

220	2.993,93
221	2.999,78
222	3.005,30
223	3.010,46
224	3.015,24
225	3.019,62
226	3.023,55
227	3.028,99
228	3.029,86
229	3.032,05

40	325,48
41	337,87
42	350,41
43	363,10
44	375,93
45	388,89
46	402,00
47	415,24
48	428,61
49	442,11

90	1.081,10
91	1.098,17
92	1.115,28
93	1.132,43
94	1.149,62
95	1.166,85
96	1.184,12
97	1.201,42
98	1.218,75
99	1.236,11

140	1.952,12
141	1.969,14
142	1.986,12
143	2.003,05
144	2.019,92
145	2.036,74
146	2.053,51
147	2.070,22
148	2.086,88
149	2.103,47





**FIBRATORE**  
INGENIERIA EN PLASTICO REFORZADO

**AFORO TANQUES DE COMBUSTIBLE DOBLE PARED A205-  
137 DOBLE COMPARTIMENTO**

**PÁG. 2/2**

DIAMETRO INTERIOR (m)	<b>2,30</b>
LONGITUD CILINDRICA (m)	<b>1</b>
NUMERO DE RIBS	<b>21</b>
LONGITUD COMPARTIMIENTO 1	
NUMERO DE RIBS COMP. 1	
LONGITUD COMPARTIMIENTO 2	
NUMERO DE RIBS COMP. 2	

	LITROS	GALONES
VOLUMEN PORCIÓN CILINDRICA	42.710,89	11.283,0
VOLUMEN CABEZALES	2.673,92	706,4
VOLUMEN TOTAL TANQUE	45.384,81	11.989,4
VOLUMEN COMPARTIMIENTO 1	11.482,00	3.033,2
VOLUMEN COMPARTIMIENTO 2	33.902,81	8.956,2

**COMPARTIMENTO B**

ALTURA cm	AFORO GALONES
0	0.00
1	4.35
2	12.30
3	22.56
4	34.69
5	48.42
6	63.56
7	79.99
8	97.60
9	116.30

ALTURA cm	AFORO GALONES
50	1.436.33
51	1.477.38
52	1.518.72
53	1.560.33
54	1.602.23
55	1.644.39
56	1.686.82
57	1.729.50
58	1.772.44
59	1.815.63

ALTURA cm	AFORO GALONES
100	3.736.50
101	3.785.69
102	3.834.93
103	3.884.21
104	3.933.54
105	3.982.92
106	4.032.33
107	4.081.77
108	4.131.24
109	4.180.74

ALTURA cm	AFORO GALONES
150	6.188.21
151	6.233.36
152	6.280.38
153	6.327.25
154	6.373.97
155	6.420.53
156	6.466.94
157	6.513.17
158	6.559.24
159	6.605.14

ALTURA cm	AFORO GALONES
190	7.912.90
191	7.950.30
192	7.987.31
193	8.023.94
194	8.060.18
195	8.096.00
196	8.131.41
197	8.166.38
198	8.200.93
199	8.235.02

10	136.03
11	156.72
12	178.33
13	200.81
14	224.12
15	248.22
16	273.08
17	298.66
18	324.95
19	351.92

60	1.859.05
61	1.902.71
62	1.946.59
63	1.990.71
64	2.035.04
65	2.079.58
66	2.124.33
67	2.169.29
68	2.214.44
69	2.259.78

110	4.230.27
111	4.279.81
112	4.329.37
113	4.378.93
114	4.428.51
115	4.478.09
116	4.527.67
117	4.577.24
118	4.626.81
119	4.676.37

160	6.850.86
161	6.896.39
162	6.941.74
163	6.986.89
164	7.031.84
165	7.076.60
166	7.121.14
167	7.165.47
168	7.209.58
169	7.253.47

200	8.268.65
201	8.301.80
202	8.334.47
203	8.366.64
204	8.398.30
205	8.429.44
206	8.460.03
207	8.490.06
208	8.523.54
209	8.548.38

20	379.54
21	407.79
22	436.66
23	466.12
24	496.15
25	526.74
26	557.87
27	589.53
28	621.70
29	654.37

70	2.305.32
71	2.351.04
72	2.396.93
73	2.443.00
74	2.489.24
75	2.535.64
76	2.582.21
77	2.628.92
78	2.675.79
79	2.722.81

120	4.725.91
121	4.775.43
122	4.824.83
123	4.874.41
124	4.923.85
125	4.973.28
126	5.022.63
127	5.071.96
128	5.121.25
129	5.170.49

170	7.097.13
171	7.140.55
172	7.183.73
173	7.226.67
174	7.269.36
175	7.311.78
176	7.353.95
177	7.395.84
178	7.437.46
179	7.478.80

210	8.576.64
211	8.604.28
212	8.631.22
213	8.657.51
214	8.683.10
215	8.707.96
216	8.732.06
217	8.755.36
218	8.777.84
219	8.799.45

30	687.53
31	721.16
32	755.25
33	789.79
34	824.77
35	860.18
36	896.00
37	932.23
38	968.86
39	1.005.88

80	2.769.97
81	2.817.26
82	2.864.69
83	2.912.25
84	2.959.94
85	3.007.74
86	3.055.66
87	3.103.68
88	3.151.83
89	3.200.08

130	5.219.67
131	5.268.80
132	5.317.86
133	5.366.87
134	5.415.80
135	5.464.66
136	5.513.45
137	5.562.15
138	5.610.77
139	5.659.31

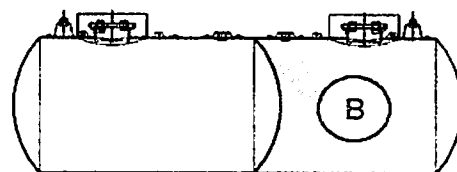
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181	7.560.59
182	7.601.04
183	7.641.18
184	7.681.01
185	7.720.51
186	7.759.68
187	7.798.51
188	7.837.00
189	7.875.13

220	8.820.15
221	8.839.88
222	8.858.58
223	8.876.19
224	8.892.62
225	8.907.76
226	8.921.49
227	8.933.61
228	8.943.88
229	8.951.82

40	1.043.28
41	1.081.05
42	1.119.18
43	1.157.66
44	1.196.50
45	1.235.67
46	1.275.17
47	1.314.99
48	1.355.13
49	1.395.58

90	3.248.43
91	3.296.87
92	3.345.40
93	3.394.02
94	3.442.73
95	3.491.51
96	3.540.37
97	3.589.31
98	3.638.31
99	3.687.38

140	5.707.75
141	5.756.10
142	5.804.34
143	5.852.48
144	5.900.51
145	5.948.44
146	5.996.24
147	6.043.92
148	6.091.48
149	6.138.91



230	8.956.18
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