

Tabla F.1: Vapor saturado, unidades SI

V = VOLUMEN ESPECÍFICO $\text{cm}^3 \text{g}^{-1}$
 U = ENERGÍA INTERNA ESPECÍFICA kJ kg^{-1}
 H = ENTALPIA ESPECÍFICA kJ kg^{-1}
 S = ENTROPIA ESPECÍFICA $\text{kJ kg}^{-1} \text{K}^{-1}$

t °C	T K	P kPa	VOLUMEN ESPECÍFICO V				ENERGÍA INTERNA U				ENTALPIA H				ENTROPIA S			
			liq.	sat.	evap.	vap.	liq.	sat.	evap.	vap.	liq.	sat.	evap.	vap.	liq.	sat.	evap.	vap.
0	273.15	0.611	1.000	206300.	206300.	-0.04	2375.7	2375.6	-0.04	2501.7	2501.6	0.0000	9.1578	0.0000	9.1578	0.0000	9.1578	
0.01	273.16	0.611	1.000	206200.	206200.	0.00	2375.6	2375.6	0.00	2501.6	2501.6	0.0000	9.1575	0.0000	9.1575	0.0000	9.1575	
1	274.15	0.657	1.000	192600.	192600.	4.17	2372.7	2376.9	4.17	2499.2	2503.4	0.0153	9.1158	0.0153	9.1311	0.0153	9.1311	
2	275.15	0.705	1.000	179900.	179900.	8.39	2369.9	2378.3	8.39	2496.8	2505.2	0.0306	9.0741	0.0306	9.1047	0.0306	9.1047	
3	276.15	0.757	1.000	168200.	168200.	12.60	2367.1	2379.7	12.60	2494.5	2507.1	0.0459	9.0326	0.0459	9.0785	0.0459	9.0785	
4	277.15	0.813	1.000	157300.	157300.	16.80	2364.3	2381.1	16.80	2492.1	2508.9	0.0611	8.9915	0.0611	9.0526	0.0611	9.0526	
5	278.15	0.872	1.000	147200.	147200.	21.01	2361.4	2382.4	21.01	2489.7	2510.7	0.0762	8.9507	0.0762	9.0269	0.0762	9.0269	
6	279.15	0.935	1.000	137800.	137800.	25.21	2358.6	2383.8	25.21	2487.4	2512.6	0.0913	8.9102	0.0913	9.0014	0.0913	9.0014	
7	280.15	1.001	1.000	129100.	129100.	29.41	2355.8	2385.2	29.41	2485.0	2514.4	0.1063	8.8699	0.1063	8.9762	0.1063	8.9762	
8	281.15	1.072	1.000	121000.	121000.	33.60	2353.0	2386.6	33.60	2482.6	2516.2	0.1213	8.8300	0.1213	8.9313	0.1213	8.9313	
9	282.15	1.147	1.000	113400.	113400.	37.80	2350.1	2387.9	37.80	2480.3	2518.1	0.1362	8.7903	0.1362	8.9265	0.1362	8.9265	
10	283.15	1.227	1.000	106400.	106400.	41.99	2347.3	2389.3	41.99	2477.9	2519.9	0.1510	8.7510	0.1510	8.9020	0.1510	8.9020	
11	284.15	1.312	1.000	99910.	99910.	46.18	2344.5	2390.7	46.18	2475.5	2521.7	0.1658	8.7119	0.1658	8.8776	0.1658	8.8776	
12	285.15	1.401	1.000	93830.	93830.	50.38	2341.7	2392.1	50.38	2473.2	2523.6	0.1805	8.6731	0.1805	8.8536	0.1805	8.8536	
13	286.15	1.497	1.001	88180.	88180.	54.56	2338.9	2393.4	54.57	2470.8	2525.4	0.1952	8.6345	0.1952	8.8297	0.1952	8.8297	
14	287.15	1.597	1.001	82900.	82900.	58.75	2336.1	2394.8	58.75	2468.5	2527.2	0.2098	8.5963	0.2098	8.8060	0.2098	8.8060	
15	288.15	1.704	1.001	77980.	77980.	62.94	2333.2	2396.2	62.94	2466.1	2529.1	0.2243	8.5582	0.2243	8.7826	0.2243	8.7826	
16	289.15	1.817	1.001	73380.	73380.	67.12	2330.4	2397.6	67.12	2463.8	2530.9	0.2388	8.5205	0.2388	8.7593	0.2388	8.7593	
17	290.15	1.936	1.001	69090.	69090.	71.31	2327.6	2398.9	71.31	2461.4	2532.7	0.2533	8.4830	0.2533	8.7363	0.2533	8.7363	
18	291.15	2.062	1.001	65090.	65090.	75.49	2324.8	2400.3	75.50	2459.0	2534.5	0.2677	8.4458	0.2677	8.7135	0.2677	8.7135	
19	292.15	2.196	1.002	61340.	61340.	79.68	2322.0	2401.7	79.68	2456.7	2536.4	0.2820	8.4088	0.2820	8.6908	0.2820	8.6908	
20	293.15	2.337	1.002	57840.	57840.	83.86	2319.2	2403.0	83.86	2454.3	2538.2	0.2963	8.3721	0.2963	8.6684	0.2963	8.6684	
21	294.15	2.485	1.002	54560.	54560.	88.04	2316.4	2404.4	88.04	2452.0	2540.0	0.3105	8.3356	0.3105	8.6462	0.3105	8.6462	
22	295.15	2.642	1.002	51490.	51490.	92.22	2313.6	2405.8	92.23	2449.6	2541.8	0.3247	8.2994	0.3247	8.6241	0.3247	8.6241	
23	296.15	2.808	1.002	48620.	48620.	96.40	2310.7	2407.1	96.41	2447.2	2543.6	0.3389	8.2634	0.3389	8.6023	0.3389	8.6023	
24	297.15	2.982	1.003	45930.	45930.	100.6	2307.9	2408.5	100.6	2444.9	2545.5	0.3530	8.2277	0.3530	8.5806	0.3530	8.5806	
25	298.15	3.166	1.003	43400.	43400.	104.8	2305.1	2409.9	104.8	2442.5	2547.3	0.3670	8.1922	0.3670	8.5592	0.3670	8.5592	
26	299.15	3.360	1.003	41030.	41030.	108.9	2302.3	2411.2	108.9	2440.2	2549.1	0.3810	8.1569	0.3810	8.5379	0.3810	8.5379	
27	300.15	3.564	1.003	38810.	38810.	113.1	2299.5	2412.6	113.1	2437.8	2550.9	0.3949	8.1218	0.3949	8.5168	0.3949	8.5168	
28	301.15	3.778	1.004	36730.	36730.	117.3	2296.7	2414.0	117.3	2435.4	2552.7	0.4088	8.0870	0.4088	8.4959	0.4088	8.4959	
29	302.15	4.004	1.004	34770.	34770.	121.5	2293.8	2415.3	121.5	2433.1	2554.5	0.4227	8.0524	0.4227	8.4751	0.4227	8.4751	

APÉNDICE F Tablas de vapor

30	3033.15	4.241	1.004	32630.0	32630.0	125.7	2291.0	2416.7	125.7	2430.7	2506.4	0.4365	8.0190	8.4546
31	3041.15	4.491	1.005	31200.0	31200.0	129.8	2286.2	2418.0	130.0	2426.3	2506.2	0.4503	7.9859	8.4342
32	3049.15	4.753	1.006	29870.0	29870.0	134.0	2285.4	2419.4	134.0	2425.9	2506.0	0.4640	7.9500	8.4140
33	3057.15	5.029	1.006	28604.0	28604.0	138.2	2282.6	2420.8	138.2	2423.6	2501.8	0.4777	7.9163	8.3939
34	3071.15	5.318	1.006	26600.0	26600.0	142.4	2279.7	2422.1	142.4	2421.2	2503.6	0.4913	7.8828	8.3740
35	3081.15	5.622	1.006	25240.0	25240.0	146.6	2276.9	2423.5	146.6	2418.8	2505.4	0.5049	7.8495	8.3543
36	3091.15	5.940	1.006	23970.0	23970.0	150.7	2274.1	2424.8	150.7	2416.4	2507.2	0.5184	7.8164	8.3348
37	3101.15	6.274	1.007	22760.0	22760.0	154.9	2271.3	2426.2	154.9	2414.1	2509.0	0.5319	7.7835	8.3154
38	3111.15	6.624	1.007	21630.0	21630.0	159.1	2268.4	2427.5	159.1	2411.7	2510.8	0.5453	7.7509	8.2962
39	3121.15	6.991	1.007	20560.0	20560.0	163.3	2265.6	2428.9	163.3	2409.3	2512.6	0.5588	7.7184	8.2772
40	3131.15	7.375	1.008	19550.0	19550.0	167.4	2262.8	2430.2	167.5	2406.9	2514.4	0.5721	7.6861	8.2583
41	3141.15	7.777	1.008	18590.0	18590.0	171.6	2259.9	2431.6	171.6	2404.5	2516.2	0.5854	7.6541	8.2395
42	3151.15	8.198	1.009	17690.0	17690.0	175.8	2257.1	2432.9	175.8	2402.1	2517.9	0.5987	7.6222	8.2209
43	3161.15	8.639	1.009	16840.0	16840.0	180.0	2254.3	2434.2	180.0	2399.7	2519.7	0.6120	7.5905	8.2025
44	3171.15	9.100	1.009	16040.0	16040.0	184.2	2251.4	2435.6	184.2	2397.3	2521.5	0.6252	7.5590	8.1842
45	3181.15	9.582	1.010	15280.0	15280.0	188.3	2248.6	2436.9	188.4	2394.9	2523.3	0.6383	7.5277	8.1661
46	3191.15	10.09	1.010	14560.0	14560.0	192.5	2245.7	2438.3	192.5	2392.5	2525.1	0.6514	7.4966	8.1481
47	3201.15	10.61	1.011	13880.0	13880.0	196.7	2242.9	2439.6	196.7	2390.1	2526.9	0.6645	7.4657	8.1302
48	3211.15	11.16	1.011	13230.0	13230.0	200.9	2240.0	2440.9	200.9	2387.7	2528.6	0.6776	7.4350	8.1125
49	3221.15	11.74	1.012	12620.0	12620.0	205.1	2237.2	2442.3	205.1	2385.3	2530.4	0.6906	7.4044	8.0950
50	3231.15	12.34	1.012	12040.0	12040.0	209.2	2234.3	2443.6	209.3	2382.9	2532.2	0.7035	7.3741	8.0776
51	3241.15	12.96	1.013	11500.0	11500.0	213.4	2231.5	2444.9	213.4	2380.5	2533.9	0.7164	7.3439	8.0603
52	3251.15	13.61	1.013	10980.0	10980.0	217.6	2228.6	2446.2	217.6	2378.1	2535.7	0.7293	7.3138	8.0432
53	3261.15	14.29	1.014	10490.0	10490.0	221.8	2225.8	2447.6	221.8	2375.7	2537.5	0.7422	7.2840	8.0262
54	3271.15	15.00	1.014	10020.0	10020.0	226.0	2222.9	2448.9	226.0	2373.2	2539.2	0.7550	7.2543	8.0093
55	3281.15	15.74	1.015	9578.9	9578.9	230.2	2220.0	2450.2	230.2	2370.8	2541.0	0.7677	7.2248	7.9925
56	3291.15	16.51	1.015	9158.7	9158.7	234.3	2217.2	2451.5	234.4	2368.4	2542.7	0.7804	7.1955	7.9759
57	3301.15	17.31	1.016	8758.7	8758.7	238.5	2214.3	2452.8	238.5	2365.9	2544.5	0.7931	7.1663	7.9595
58	3311.15	18.15	1.016	8378.8	8378.8	242.7	2211.4	2454.1	242.7	2363.5	2546.2	0.8058	7.1373	7.9431
59	3321.15	19.02	1.017	8019.7	8019.7	246.9	2208.6	2455.4	246.9	2361.1	2548.0	0.8184	7.1085	7.9269
60	3331.15	19.92	1.017	7677.5	7677.5	251.1	2205.7	2456.8	251.1	2358.6	2549.7	0.8310	7.0798	7.9108
61	3341.15	20.86	1.018	7352.2	7352.2	255.3	2202.8	2458.1	255.3	2356.2	2551.4	0.8435	7.0513	7.8948
62	3351.15	21.84	1.018	7042.7	7042.7	259.5	2199.9	2459.4	259.5	2353.7	2553.2	0.8560	7.0230	7.8790
63	3361.15	22.86	1.019	6748.2	6748.2	263.6	2197.0	2460.7	263.6	2351.3	2554.9	0.8685	6.9948	7.8633
64	3371.15	23.91	1.019	6468.0	6468.0	267.8	2194.1	2462.0	267.8	2348.8	2556.6	0.8809	6.9667	7.8477
65	3381.15	25.01	1.020	6202.3	6202.3	272.0	2191.2	2463.2	272.0	2346.3	2558.4	0.8933	6.9386	7.8322
66	3391.15	26.15	1.020	5947.2	5947.2	276.2	2188.3	2464.5	276.2	2343.9	2560.1	0.9057	6.9111	7.8168
67	3401.15	27.33	1.021	5705.2	5705.2	280.4	2185.4	2465.8	280.4	2341.4	2561.8	0.9180	6.8835	7.8015
68	3411.15	28.56	1.022	5474.6	5474.6	284.6	2182.5	2467.1	284.6	2338.9	2563.5	0.9303	6.8561	7.7864
69	3421.15	29.84	1.022	5254.8	5254.8	288.8	2179.6	2468.4	288.8	2336.4	2565.2	0.9426	6.8288	7.7714
70	3431.15	31.16	1.023	5045.2	5045.2	292.9	2176.7	2469.7	292.9	2334.0	2566.9	0.9548	6.8017	7.7565
71	3441.15	32.53	1.023	4845.4	4845.4	297.1	2173.8	2470.9	297.1	2331.5	2568.6	0.9670	6.7747	7.7417
72	3451.15	33.96	1.024	4654.7	4654.7	301.3	2170.9	2472.2	301.3	2329.0	2570.3	0.9792	6.7478	7.7270
73	3461.15	35.43	1.025	4472.7	4472.7	305.5	2168.0	2473.5	305.5	2326.5	2572.0	0.9913	6.7211	7.7124
74	3471.15	36.96	1.025	4299.0	4299.0	309.7	2165.1	2474.8	309.7	2324.0	2573.7	1.0034	6.6945	7.6979

Tabla F.1. Vapor saturado, unidades SI (Continúa)

t °C	T K	P kPa	VOLUMEN ESPECÍFICO V						ENERGÍA INTERNA U						ENTALPIA H						ENTROPIA S					
			liq.		vap.		liq.		vap.		liq.		vap.		liq.		vap.		liq.		vap.		liq.		vap.	
			sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.
75	348.15	38.55	1.026	4133.1	1.026	4134.1	313.9	2162.1	2476.0	313.9	2321.5	2635.4	1.0154	6.6681	7.6635											
76	349.15	40.19	1.027	3974.6	3975.7	318.1	2159.2	2477.3	318.1	2318.9	2637.1	1.0275	6.6418	7.6693												
77	350.15	41.89	1.027	3823.3	3824.3	322.3	2156.3	2478.5	322.3	2316.4	2638.7	1.0395	6.6156	7.6551												
78	351.15	43.65	1.028	3678.6	3679.6	326.5	2153.3	2479.8	326.5	2313.9	2640.4	1.0514	6.5896	7.6410												
79	352.15	45.47	1.029	3540.3	3547.3	330.7	2150.4	2481.1	330.7	2311.4	2642.1	1.0634	6.5637	7.6271												
80	353.15	47.36	1.029	3408.1	3409.1	334.9	2147.4	2482.3	334.9	2308.8	2643.8	1.0753	6.5380	7.6132												
81	354.15	49.31	1.030	3281.6	3282.6	339.1	2144.5	2483.5	339.1	2306.3	2645.4	1.0871	6.5123	7.5995												
82	355.15	51.33	1.031	3160.6	3161.6	343.3	2141.5	2484.8	343.3	2303.8	2647.1	1.0990	6.4868	7.5858												
83	356.15	53.42	1.031	3044.8	3045.8	347.5	2138.6	2486.0	347.5	2301.2	2648.7	1.1108	6.4615	7.5722												
84	357.15	55.57	1.032	2933.9	2935.0	351.7	2135.6	2487.3	351.7	2298.6	2650.4	1.1225	6.4362	7.5587												
85	358.15	57.80	1.033	2827.8	2828.8	355.9	2132.6	2488.5	355.9	2296.1	2652.0	1.1343	6.4111	7.5454												
86	359.15	60.11	1.033	2726.1	2727.2	360.1	2129.7	2489.7	360.1	2293.5	2653.6	1.1460	6.3861	7.5321												
87	360.15	62.49	1.034	2628.8	2629.8	364.3	2126.7	2490.9	364.3	2290.9	2655.3	1.1577	6.3612	7.5189												
88	361.15	64.95	1.035	2535.4	2536.5	368.5	2123.7	2492.2	368.5	2288.4	2656.9	1.1693	6.3365	7.5058												
89	362.15	67.49	1.035	2446.0	2447.0	372.7	2120.7	2493.4	372.7	2285.8	2658.5	1.1809	6.3119	7.4928												
90	363.15	70.11	1.036	2360.3	2361.3	376.9	2117.7	2494.6	376.9	2283.2	2660.1	1.1925	6.2873	7.4799												
91	364.15	72.81	1.037	2278.0	2279.1	381.1	2114.7	2495.8	381.1	2280.6	2661.7	1.2041	6.2629	7.4670												
92	365.15	75.61	1.038	2199.2	2200.2	385.3	2111.7	2497.0	385.3	2278.0	2663.4	1.2156	6.2387	7.4543												
93	366.15	78.49	1.038	2123.5	2124.5	389.5	2108.7	2498.2	389.5	2275.4	2665.0	1.2271	6.2145	7.4416												
94	367.15	81.46	1.039	2050.9	2051.9	393.7	2105.7	2499.4	393.7	2272.8	2666.6	1.2386	6.1905	7.4291												
95	368.15	84.53	1.040	1981.2	1982.2	397.9	2102.7	2500.6	397.9	2270.2	2668.1	1.2501	6.1665	7.4166												
96	369.15	87.69	1.041	1914.3	1915.3	402.1	2099.7	2501.8	402.1	2267.5	2669.7	1.2615	6.1427	7.4042												
97	370.15	90.94	1.041	1850.0	1851.0	406.3	2096.6	2503.0	406.3	2264.9	2671.3	1.2729	6.1190	7.3919												
98	371.15	94.30	1.042	1788.3	1789.3	410.5	2093.6	2504.1	410.5	2262.2	2672.9	1.2842	6.0954	7.3796												
99	372.15	97.76	1.043	1730.0	1730.0	414.7	2090.6	2505.3	414.7	2259.6	2674.4	1.2956	6.0719	7.3675												
100	373.15	101.33	1.044	1672.0	1673.0	419.0	2087.5	2506.5	419.0	2256.9	2676.0	1.3069	6.0485	7.3554												
102	375.15	108.78	1.045	1564.5	1565.5	427.4	2081.4	2508.8	427.4	2251.6	2679.1	1.3294	6.0021	7.3315												
104	377.15	116.68	1.047	1465.1	1466.2	435.8	2075.3	2511.1	435.8	2246.3	2682.2	1.3518	5.9560	7.3078												
106	379.15	125.04	1.049	1373.1	1374.2	444.3	2069.2	2513.4	444.3	2240.9	2685.3	1.3742	5.9104	7.2845												
108	381.15	133.90	1.050	1287.9	1288.9	452.7	2063.0	2515.7	452.7	2235.4	2688.3	1.3964	5.8651	7.2615												
110	383.15	143.27	1.052	1208.9	1209.9	461.2	2056.8	2518.0	461.2	2230.0	2691.3	1.4185	5.8203	7.2388												
112	385.15	153.16	1.054	1136.6	1136.6	469.6	2050.6	2520.2	469.6	2224.5	2694.3	1.4405	5.7758	7.2164												
114	387.15	163.62	1.055	1067.5	1068.5	478.1	2044.3	2522.4	478.1	2219.0	2697.2	1.4624	5.7318	7.1942												
116	389.15	174.65	1.057	1004.2	1005.2	486.6	2038.1	2524.6	486.6	2213.4	2700.2	1.4842	5.6881	7.1723												
118	391.15	186.28	1.059	945.3	946.3	495.0	2031.8	2526.8	495.0	2207.9	2703.1	1.5060	5.6447	7.1507												
120	393.15	198.54	1.061	890.5	891.5	503.5	2025.4	2529.0	503.5	2202.2	2706.0	1.5276	5.6017	7.1293												
122	395.15	211.45	1.062	839.4	840.5	512.2	2019.1	2531.1	512.2	2196.6	2708.8	1.5491	5.5590	7.1082												
124	397.15	225.04	1.064	791.8	792.8	520.5	2012.7	2533.2	520.5	2190.9	2711.6	1.5706	5.5167	7.0873												
126	399.15	239.33	1.066	747.3	748.4	529.0	2006.3	2535.3	529.0	2185.2	2714.4	1.5919	5.4747	7.0666												
128	401.15	254.35	1.068	705.8	706.9	537.5	1999.9	2537.4	537.5	2179.4	2717.2	1.6132	5.4330	7.0462												

130	403.15	270.13	1.070	667.1	658.1	546.0	1993.4	2539.4	546.3	2173.8	2719.9	1.6344	5.3917	7.0261
132	405.15	266.70	1.072	631.9	631.9	554.5	1986.9	2541.4	554.8	2167.8	2722.6	1.6355	5.3507	7.0061
134	407.15	304.07	1.074	598.9	598.9	563.1	1980.4	2543.4	563.4	2161.9	2725.3	1.6765	5.3099	6.9864
136	409.15	322.29	1.076	565.1	565.2	571.6	1973.8	2545.4	572.0	2155.9	2727.9	1.6974	5.2695	6.9669
138	411.15	341.38	1.078	535.3	536.4	580.2	1967.2	2547.4	580.5	2150.0	2730.5	1.7182	5.2293	6.9475
140	413.15	361.38	1.080	507.4	508.5	588.7	1960.6	2549.3	589.1	2144.0	2733.1	1.7390	5.1894	6.9284
142	415.15	382.31	1.082	481.2	482.3	597.3	1953.9	2551.2	597.7	2137.9	2735.6	1.7597	5.1499	6.9095
144	417.15	404.20	1.084	456.6	457.7	605.9	1947.2	2553.1	606.3	2131.8	2738.1	1.7803	5.1105	6.8908
146	419.15	427.09	1.086	433.5	434.6	614.4	1940.5	2554.9	614.9	2125.7	2740.6	1.8008	5.0715	6.8723
148	421.15	451.01	1.089	411.8	412.9	623.0	1933.7	2556.8	623.5	2119.5	2743.0	1.8213	5.0327	6.8539
150	423.15	476.00	1.091	391.4	392.4	631.6	1926.9	2558.6	632.1	2113.2	2745.4	1.8416	4.9941	6.8358
152	425.15	502.06	1.093	372.1	373.2	640.2	1920.1	2560.3	640.8	2106.9	2747.7	1.8619	4.9558	6.8178
154	427.15	529.29	1.095	354.0	355.1	649.1	1913.2	2562.1	649.4	2100.6	2750.0	1.8822	4.9178	6.8000
156	429.15	557.67	1.098	336.9	338.0	657.5	1906.3	2563.8	658.1	2094.2	2752.3	1.9023	4.8800	6.7823
158	431.15	587.25	1.100	320.8	321.9	666.1	1899.3	2565.5	666.8	2087.7	2754.5	1.9224	4.8424	6.7648
160	433.15	618.06	1.102	305.7	306.8	674.8	1892.3	2567.1	675.5	2081.3	2756.7	1.9425	4.8050	6.7475
162	435.15	650.16	1.105	291.3	292.4	683.5	1885.3	2568.8	684.2	2074.7	2758.9	1.9624	4.7679	6.7303
164	437.15	683.56	1.107	277.8	278.9	692.1	1878.2	2570.4	692.9	2068.1	2761.0	1.9823	4.7309	6.7133
166	439.15	718.31	1.109	265.0	266.1	700.8	1871.1	2571.9	701.6	2061.4	2763.1	2.0022	4.6942	6.6964
168	441.15	754.45	1.112	252.9	254.0	709.5	1863.9	2573.4	710.4	2054.7	2765.1	2.0219	4.6577	6.6796
170	443.15	792.02	1.114	241.4	242.6	718.2	1856.7	2574.9	719.1	2047.9	2767.1	2.0416	4.6214	6.6630
172	445.15	831.06	1.117	230.6	231.7	727.0	1849.5	2576.4	727.9	2041.1	2769.0	2.0613	4.5853	6.6465
174	447.15	871.60	1.120	220.3	221.5	735.7	1842.2	2577.8	736.7	2034.2	2770.9	2.0809	4.5493	6.6302
176	449.15	913.68	1.122	210.6	211.7	744.4	1834.8	2579.3	745.5	2027.3	2772.7	2.1004	4.5136	6.6140
178	451.15	957.36	1.125	201.4	202.5	753.2	1827.4	2580.6	754.3	2020.2	2774.5	2.1199	4.4780	6.5979
180	453.15	1002.7	1.128	192.7	193.8	762.0	1820.0	2581.9	763.1	2013.1	2776.3	2.1393	4.4426	6.5819
182	455.15	1049.6	1.130	184.4	185.5	770.8	1812.5	2583.2	772.0	2006.0	2778.0	2.1587	4.4074	6.5660
184	457.15	1098.3	1.133	176.5	177.6	779.6	1804.9	2584.5	780.8	1998.8	2779.6	2.1780	4.3723	6.5503
186	459.15	1148.8	1.136	169.0	170.2	788.4	1797.3	2585.7	789.7	1991.5	2781.2	2.1972	4.3374	6.5346
188	461.15	1201.0	1.139	161.9	163.1	797.2	1789.7	2586.9	798.6	1984.2	2782.8	2.2164	4.3026	6.5191
190	463.15	1255.1	1.142	155.2	156.3	806.1	1782.0	2588.1	807.5	1976.7	2784.3	2.2356	4.2680	6.5036
192	465.15	1311.1	1.144	148.8	149.9	814.9	1774.2	2589.2	816.5	1969.3	2785.7	2.2547	4.2336	6.4883
194	467.15	1369.0	1.147	142.6	143.8	823.8	1766.4	2590.2	825.4	1961.7	2787.1	2.2738	4.1993	6.4730
196	469.15	1428.9	1.150	136.8	138.0	832.7	1758.6	2591.3	834.4	1954.1	2788.4	2.2928	4.1651	6.4578
198	471.15	1490.9	1.153	131.3	132.4	841.6	1750.6	2592.3	843.4	1946.4	2789.7	2.3117	4.1310	6.4428
200	473.15	1554.9	1.156	126.0	127.2	850.6	1742.6	2593.2	852.4	1938.6	2790.9	2.3307	4.0971	6.4278
202	475.15	1621.0	1.160	121.0	122.1	859.5	1734.6	2594.1	861.4	1930.7	2792.1	2.3495	4.0633	6.4128
204	477.15	1689.3	1.163	116.2	117.3	868.5	1726.5	2595.0	870.5	1922.8	2793.2	2.3684	4.0296	6.3980
206	479.15	1759.8	1.166	111.6	112.8	877.5	1718.3	2595.8	879.5	1914.7	2794.3	2.3872	3.9961	6.3832
208	481.15	1832.6	1.169	107.2	108.4	886.5	1710.1	2596.6	888.6	1906.6	2795.3	2.4059	3.9626	6.3686
210	483.15	1907.7	1.173	103.1	104.2	895.5	1701.8	2597.3	897.7	1898.5	2796.2	2.4247	3.9293	6.3539
212	485.15	1985.2	1.176	99.09	100.26	904.5	1693.5	2598.0	906.9	1890.2	2797.1	2.4434	3.8960	6.3394
214	487.15	2065.1	1.179	95.28	96.46	913.6	1685.1	2598.7	916.0	1881.8	2797.9	2.4620	3.8629	6.3249
216	489.15	2147.5	1.183	91.65	92.83	922.7	1676.6	2599.3	925.2	1873.4	2798.6	2.4806	3.8298	6.3104
218	491.15	2232.4	1.186	88.17	89.36	931.8	1668.0	2599.8	934.4	1864.9	2799.3	2.4992	3.7968	6.2960

Tabla F.1. Vapor saturado, unidades SI (Continúa)

t °C	T K	P kPa	VOLUMEN ESPECÍFICO V				ENERGÍA INTERNA U				ENTALPÍA H				ENTROPIA S			
			liq.		vap.		liq.		vap.		liq.		vap.		liq.		vap.	
			sat.	evap.	sat.	evap.	sat.	evap.	sat.	evap.	sat.	evap.	sat.	evap.	sat.	evap.	sat.	evap.
220	493.15	2319.8	1.190	84.85	86.04	940.9	1659.4	2600.3	943.7	1856.2	2799.9	2.5178	3.7639	6.2817				
222	495.15	2409.9	1.194	81.67	82.86	950.1	1650.7	2600.8	952.9	1847.5	2800.5	2.5363	3.7311	6.2674				
224	497.15	2502.7	1.197	78.62	79.82	959.2	1642.0	2601.2	962.2	1838.7	2800.9	2.5548	3.6984	6.2532				
226	499.15	2598.2	1.201	75.71	76.91	968.4	1633.1	2601.5	971.5	1829.8	2801.4	2.5733	3.6657	6.2390				
228	501.15	2696.5	1.205	72.92	74.12	977.6	1624.2	2601.8	980.9	1820.8	2801.7	2.5917	3.6331	6.2249				
230	503.15	2797.6	1.209	70.24	71.45	986.9	1615.2	2602.1	990.3	1811.7	2802.0	2.6102	3.6006	6.2107				
232	505.15	2901.6	1.213	67.68	68.89	996.2	1606.1	2602.3	999.7	1802.5	2802.2	2.6286	3.5681	6.1967				
234	507.15	3008.6	1.217	65.22	66.43	1005.4	1597.0	2602.4	1009.1	1793.2	2802.3	2.6470	3.5356	6.1826				
236	509.15	3118.6	1.221	62.86	64.08	1014.8	1587.7	2602.5	1018.6	1783.8	2802.3	2.6653	3.5033	6.1686				
238	511.15	3231.7	1.225	60.60	61.82	1024.1	1578.4	2602.5	1028.1	1774.2	2802.3	2.6837	3.4709	6.1546				
240	513.15	3347.8	1.229	58.43	59.65	1033.5	1569.0	2602.5	1037.6	1764.6	2802.2	2.7020	3.4386	6.1406				
242	515.15	3467.2	1.233	56.34	57.57	1042.9	1559.5	2602.4	1047.2	1754.9	2802.0	2.7203	3.4063	6.1266				
244	517.15	3589.8	1.238	54.34	55.58	1052.3	1549.9	2602.2	1056.8	1745.0	2801.8	2.7386	3.3740	6.1127				
246	519.15	3715.7	1.242	52.41	53.66	1061.8	1540.2	2602.0	1066.4	1735.0	2801.4	2.7569	3.3418	6.0987				
248	521.15	3844.9	1.247	50.56	51.81	1071.3	1530.5	2601.8	1076.1	1724.9	2801.0	2.7752	3.3096	6.0848				
250	523.15	3977.6	1.251	48.79	50.04	1080.8	1520.6	2601.4	1085.8	1714.7	2800.4	2.7935	3.2773	6.0708				
252	525.15	4113.7	1.256	47.08	48.33	1090.4	1510.6	2601.0	1095.5	1704.3	2799.8	2.8118	3.2451	6.0569				
254	527.15	4253.4	1.261	45.43	46.69	1100.5	1500.5	2600.5	1105.3	1693.8	2799.1	2.8300	3.2129	6.0429				
256	529.15	4396.7	1.266	43.85	45.11	1109.6	1490.4	2600.0	1115.2	1683.2	2798.3	2.8483	3.1807	6.0290				
258	531.15	4543.7	1.271	42.33	43.60	1119.3	1480.1	2599.3	1125.0	1672.4	2797.4	2.8666	3.1484	6.0150				
260	533.15	4694.3	1.276	40.86	42.13	1129.0	1469.7	2598.6	1134.9	1661.5	2796.4	2.8848	3.1161	6.0010				
262	535.15	4848.8	1.281	39.44	40.73	1138.7	1459.2	2597.8	1144.9	1650.4	2795.3	2.9031	3.0838	5.9869				
264	537.15	5007.1	1.286	38.08	39.37	1148.5	1448.5	2597.0	1154.9	1639.2	2794.1	2.9214	3.0515	5.9729				
266	539.15	5169.3	1.291	36.77	38.06	1158.3	1437.8	2596.1	1165.0	1627.8	2792.8	2.9397	3.0191	5.9588				
268	541.15	5335.5	1.297	35.51	36.80	1168.2	1426.9	2595.0	1175.1	1616.3	2791.4	2.9580	2.9866	5.9446				
270	543.15	5505.8	1.303	34.29	35.59	1178.1	1415.9	2593.9	1185.2	1604.6	2789.9	2.9763	2.9541	5.9304				
272	545.15	5680.2	1.308	33.11	34.42	1188.0	1404.7	2592.7	1195.4	1592.8	2788.2	2.9947	2.9215	5.9162				
274	547.15	5858.7	1.314	31.97	33.29	1198.0	1393.4	2591.4	1205.7	1580.8	2786.5	3.0131	2.8889	5.9019				
276	549.15	6041.5	1.320	30.88	32.20	1208.0	1382.0	2590.1	1216.0	1568.5	2784.6	3.0314	2.8561	5.8876				
278	551.15	6228.7	1.326	29.82	31.14	1218.1	1370.4	2588.6	1226.4	1556.2	2782.6	3.0499	2.8233	5.8731				
280	553.15	6420.2	1.332	28.79	30.13	1228.3	1358.7	2587.0	1236.8	1543.6	2780.4	3.0683	2.7903	5.8586				
282	555.15	6616.1	1.339	27.81	29.14	1238.5	1346.8	2585.3	1247.3	1530.8	2778.1	3.0868	2.7573	5.8440				
284	557.15	6816.6	1.345	26.85	28.20	1248.7	1334.8	2583.5	1257.9	1517.8	2775.7	3.1053	2.7241	5.8294				
286	559.15	7021.8	1.352	25.93	27.28	1259.0	1322.6	2581.6	1268.5	1504.6	2773.2	3.1238	2.6908	5.8146				
288	561.15	7231.5	1.359	25.03	26.39	1269.4	1310.2	2579.6	1279.2	1491.2	2770.5	3.1424	2.6573	5.7997				
290	563.15	7446.1	1.366	24.17	25.54	1279.8	1297.7	2577.5	1290.0	1477.6	2767.6	3.1611	2.6237	5.7846				
292	565.15	7665.4	1.373	23.33	24.71	1290.3	1284.9	2575.3	1300.9	1463.8	2764.6	3.1798	2.5899	5.7697				
294	567.15	7889.7	1.381	22.52	23.90	1300.9	1272.0	2573.0	1311.8	1449.7	2761.5	3.1985	2.5560	5.7545				
296	569.15	8118.9	1.388	21.74	23.13	1311.5	1258.9	2570.4	1322.8	1435.4	2758.2	3.2173	2.5218	5.7392				
298	571.15	8353.2	1.396	20.98	22.38	1322.2	1245.6	2567.8	1333.9	1420.8	2754.7	3.2362	2.4875	5.7237				

300	573.15	6592.7	1.404	20.24	21.65	1333.0	1232.0	2565.0	1345.1	1405.0	2751.0	3.2552	2.4529	5.7081
301	574.15	6637.4	1.412	19.53	20.94	1343.8	1218.3	2562.1	1356.3	1390.9	2771.2	3.2742	2.4182	5.6924
302	575.15	6682.1	1.421	18.84	20.26	1354.8	1204.3	2559.1	1367.5	1375.5	2783.2	3.2932	2.3832	5.6755
303	576.15	6726.7	1.430	18.17	19.60	1365.8	1190.1	2555.9	1379.1	1359.8	2795.0	3.3125	2.3479	5.6604
304	577.15	6771.3	1.439	17.52	18.96	1376.9	1175.6	2552.5	1390.7	1343.9	2734.6	3.3318	2.3124	5.6442
305	578.15	6816.0	1.448	16.89	18.33	1388.1	1161.0	2549.1	1402.4	1327.6	2730.0	3.3512	2.2766	5.6278
306	579.15	6860.7	1.458	16.27	17.73	1399.4	1146.0	2545.4	1414.2	1311.0	2725.2	3.3707	2.2404	5.6111
307	580.15	6905.4	1.468	15.68	17.14	1410.8	1130.8	2541.6	1426.1	1294.1	2720.2	3.3903	2.2040	5.5943
308	581.15	6950.1	1.478	15.09	16.57	1422.3	1115.2	2537.5	1438.1	1276.8	2714.9	3.4101	2.1672	5.5772
309	582.15	6994.8	1.488	14.53	16.02	1433.9	1099.4	2533.3	1450.3	1259.1	2709.4	3.4300	2.1300	5.5599
310	583.15	7039.5	1.500	13.98	15.48	1445.7	1083.2	2528.9	1462.6	1241.1	2703.7	3.4500	2.0923	5.5423
311	584.15	7084.2	1.511	13.44	14.96	1457.5	1066.7	2524.3	1475.1	1222.6	2697.6	3.4702	2.0542	5.5244
312	585.15	7128.9	1.523	12.92	14.45	1469.5	1049.9	2519.4	1487.7	1203.6	2691.3	3.4906	2.0156	5.5062
313	586.15	7173.6	1.535	12.41	13.95	1481.7	1032.6	2514.3	1500.4	1184.2	2684.6	3.5111	1.9764	5.4876
314	587.15	7218.3	1.548	11.91	13.46	1494.0	1014.8	2508.8	1513.4	1164.2	2677.6	3.5319	1.9367	5.4685
315	588.15	7263.0	1.561	11.43	12.99	1506.4	996.7	2503.1	1526.5	1143.6	2670.2	3.5528	1.8962	5.4490
316	589.15	7307.7	1.575	10.95	12.53	1519.1	978.0	2497.0	1539.9	1122.5	2662.3	3.5740	1.8550	5.4290
317	590.15	7352.4	1.590	10.49	12.08	1531.9	958.7	2490.6	1553.4	1100.7	2654.1	3.5955	1.8129	5.4084
318	591.15	7397.1	1.606	10.03	11.63	1544.9	938.9	2483.7	1567.2	1078.1	2645.3	3.6172	1.7700	5.3872
319	592.15	7441.8	1.622	9.58	11.20	1558.1	918.4	2476.4	1581.2	1054.8	2636.0	3.6392	1.7261	5.3653
320	593.15	7486.5	1.639	9.14	10.78	1571.5	897.2	2468.7	1595.5	1030.7	2626.2	3.6616	1.6811	5.3427
321	594.15	7531.2	1.657	8.71	10.37	1585.2	875.2	2460.5	1610.0	1005.7	2615.7	3.6844	1.6350	5.3194
322	595.15	7575.9	1.676	8.286	9.962	1599.2	852.5	2451.7	1624.9	979.7	2604.7	3.7075	1.5877	5.2952
323	596.15	7620.6	1.696	7.870	9.566	1613.5	828.9	2442.4	1640.2	952.8	2593.0	3.7311	1.5391	5.2702
324	597.15	7665.3	1.718	7.461	9.178	1628.1	804.5	2432.6	1655.8	924.8	2580.7	3.7553	1.4891	5.2444
325	598.15	7710.0	1.741	7.088	8.799	1643.0	779.2	2422.2	1671.8	895.9	2567.7	3.7801	1.4375	5.2177
326	599.15	7754.7	1.766	6.654	8.420	1659.4	751.5	2410.8	1689.3	864.2	2553.5	3.8071	1.3822	5.1893
327	600.15	7800.0	1.794	6.252	8.045	1676.3	722.4	2398.7	1707.5	830.9	2538.4	3.8349	1.3247	5.1596
328	601.15	7845.3	1.824	5.850	7.674	1693.4	692.2	2385.6	1725.9	796.2	2522.1	3.8629	1.2654	5.1283
329	602.15	7890.6	1.858	5.448	7.306	1710.8	660.5	2371.4	1744.7	759.9	2504.6	3.8915	1.2037	5.0953
330	603.15	7935.9	1.896	5.044	6.940	1728.8	627.1	2355.8	1764.2	721.3	2485.4	3.9210	1.1390	5.0600
331	604.15	7981.2	1.917	4.840	6.757	1738.0	609.5	2347.5	1774.2	701.0	2475.2	3.9362	1.1052	5.0414
332	605.15	8026.5	1.939	4.634	6.573	1747.5	591.2	2338.7	1784.6	679.8	2464.4	3.9518	1.0702	5.0220
333	606.15	8071.8	1.963	4.425	6.388	1757.3	572.1	2329.3	1795.3	657.8	2453.0	3.9679	1.0338	5.0017
334	607.15	8117.1	1.988	4.213	6.201	1767.4	552.0	2319.4	1806.4	634.6	2440.9	3.9846	0.9958	4.9804
335	608.15	8162.4	2.016	3.996	6.012	1778.0	530.8	2308.8	1818.0	610.0	2428.0	4.0021	0.9558	4.9579
336	609.15	8207.7	2.046	3.772	5.819	1789.1	508.2	2297.3	1830.2	583.9	2414.1	4.0205	0.9134	4.9339
337	610.15	8253.0	2.080	3.540	5.621	1801.0	483.8	2284.8	1843.2	555.7	2399.0	4.0401	0.8680	4.9081
338	611.15	8298.3	2.118	3.298	5.416	1813.8	457.3	2271.1	1857.3	525.1	2382.4	4.0613	0.8189	4.8801
339	612.15	8343.6	2.162	3.039	5.201	1827.8	427.9	2255.7	1872.8	491.1	2363.9	4.0846	0.7647	4.8492
340	613.15	8388.9	2.214	2.759	4.973	1843.6	394.5	2238.1	1890.2	452.6	2342.8	4.1108	0.7036	4.8144
341	614.15	8434.2	2.278	2.446	4.723	1862.0	355.3	2217.3	1910.5	407.4	2317.9	4.1414	0.6324	4.7738
342	615.15	8479.5	2.364	2.075	4.439	1884.6	306.6	2191.2	1935.6	351.4	2287.0	4.1794	0.5446	4.7240
343	616.15	8524.8	2.496	1.588	4.084	1916.0	238.9	2154.9	1970.5	273.5	2244.0	4.2325	0.4233	4.6559
344	617.15	8570.1	2.843	0.623	3.466	1983.9	95.7	2079.7	2046.7	109.5	2156.2	4.3493	0.1692	4.5185
345	618.15	8615.4	3.170	0.000	3.170	2037.3	0.0	2037.3	2107.4	0.0	2107.4	4.4429	0.0000	4.4429

Tabla F.2: Vapor sobrecalentado, unidades SI

TEMPERATURA: $t^{\circ}\text{C}$
(TEMPERATURA: T kelvins)

PMPa ($t^{\circ}\text{C}$)	liq. sat.	vap. sat.	75 (348.15)	100 (373.15)	125 (398.15)	150 (423.15)	175 (448.15)	200 (473.15)	225 (498.15)	250 (523.15)
1 (6.98)	1.000 29.334 29.335 0.1060	129200. 2385.2 2514.4 8.9767	160640. 2480.8 2641.5 9.3828	172180. 2516.4 2688.6 9.5136	183720. 2552.3 2736.0 9.6365	195270. 2588.5 2783.7 9.7527	206810. 2624.9 2831.7 9.8629	218350. 2661.7 2880.1 9.9679	229890. 2698.8 2928.7 10.0681	241430. 2736.3 2977.7 10.1641
10 (45.83)	1.010 191.822 191.832 0.6493	14670. 2438.0 2584.8 8.1511	16030. 2479.7 2640.0 8.3168	17190. 2515.6 2687.5 8.4486	18350. 2551.6 2735.2 8.5722	19510. 2588.0 2783.1 8.6888	20660. 2624.5 2831.2 8.7994	21820. 2661.4 2879.6 8.9045	22980. 2698.6 2928.4 9.0049	24130. 2736.1 2977.4 9.1010
20 (60.09)	1.017 251.432 257.453 0.8321	7649.8 2456.9 2609.9 7.9094	8000.0 2478.4 2638.4 7.9933	8584.7 2514.6 2686.3 8.1261	9167.1 2550.9 2734.2 8.2504	9748.0 2587.4 2782.3 8.3676	10320. 2624.1 2830.6 8.4785	10900. 2661.0 2879.2 8.5839	11480. 2698.3 2928.0 8.6844	12060. 2735.8 2977.1 8.7806
30 (89.12)	1.022 289.271 289.302 0.9441	5229.3 2468.6 2625.4 7.7695	5322.0 2477.1 2636.8 7.8024	5714.4 2513.6 2685.1 7.9363	6104.6 2550.2 2733.3 8.0614	6493.2 2586.8 2781.6 8.1791	6880.8 2623.6 2830.0 8.2903	7267.5 2660.7 2878.7 8.3960	7653.8 2698.0 2927.6 8.4967	8039.7 2735.6 2976.8 8.5930
40 (75.89)	1.027 317.609 317.650 1.0261	3993.4 2477.1 2636.9 7.6709	4279.2 2512.6 2683.8 7.8009	4573.3 2549.4 2732.3 7.9268	4865.8 2586.2 2780.9 8.0450	5157.2 2623.2 2829.5 8.1566	5447.8 2660.3 2878.2 8.2624	5738.0 2697.7 2927.2 8.3633	6027.7 2735.4 2976.5 8.4598	6317.5 2770.1 3025.9 8.5564
50 (81.35)	1.030 340.513 340.564 1.0912	3240.2 2484.0 2646.0 7.5947	3418.1 2511.7 2682.6 7.6953	3654.5 2548.6 2731.4 7.8219	3889.3 2585.6 2780.1 7.9406	4123.0 2622.7 2828.9 8.0526	4356.0 2659.9 2877.7 8.1587	4588.5 2697.4 2926.8 8.2598	4820.5 2735.1 2976.1 8.3564	5052.9 2772.7 3025.4 8.4530
75 (91.79)	1.037 384.374 384.451 1.2131	2216.9 2496.7 2663.0 7.4570	2269.8 2509.2 2679.4 7.5014	2429.4 2546.7 2728.9 7.6300	2587.3 2594.2 2778.2 7.7500	2744.2 2621.6 2827.4 7.8629	2900.2 2659.9 2876.6 7.9697	3055.8 2696.7 2925.8 8.0712	3210.9 2734.5 2974.5 8.1681	3371.9 2773.9 3023.9 8.2647
100 (99.63)	1.043 417.406 417.511 1.3027	1693.7 2506.1 2675.4 7.3598	1695.5 2506.6 2676.2 7.3618	1816.7 2544.8 2726.5 7.4923	1936.3 2582.7 2776.3 7.6137	2054.7 2620.4 2825.9 7.7275	2172.3 2658.1 2875.4 7.8349	2289.4 2695.9 2924.9 7.9369	2406.1 2733.9 2974.5 8.0342	2523.1 2773.9 3023.9 8.1317

101.325	V	1,044	1673.0	1792.7	1910.7	2027.7	2143.8	2259.3	2374.5
(100.00)	U	418.959	2506.5	2544.7	2582.6	2620.4	2658.1	2695.9	2733.9
	H	419.064	2676.0	2726.4	2776.2	2825.8	2875.3	2924.8	2974.5
	S	1,3069	7,3554	7,4860	7,6075	7,7213	7,8288	7,9308	8,0280
125	V	1,049	1374.6	1449.1	1545.6	1641.0	1735.6	1829.6	1923.2
(105.98)	U	444.224	2513.4	2542.9	2581.2	2619.3	2657.2	2695.2	2733.3
	H	444.356	2685.2	2724.0	2774.4	2824.4	2874.2	2923.9	2973.7
	S	1,3740	7,2847	7,3844	7,5072	7,6219	7,7300	7,8324	7,9300
150	V	1,053	1159.0	1204.0	1285.2	1365.2	1444.4	1523.0	1601.3
(111.37)	U	466.968	2519.5	2540.9	2579.7	2618.1	2656.3	2694.4	2732.7
	H	467.126	2693.4	2721.5	2772.5	2822.9	2872.9	2922.9	2972.9
	S	1,4336	7,2234	7,2953	7,4194	7,5352	7,6439	7,7468	7,8447
175	V	1,057	1003.34	1028.8	1099.1	1168.2	1236.4	1304.1	1371.3
(116.06)	U	486.815	2524.7	2538.9	2578.2	2616.9	2655.3	2693.7	2732.1
	H	487.000	2700.3	2719.0	2770.5	2821.3	2871.7	2921.9	2972.0
	S	1,4849	7,1716	7,2191	7,3447	7,4614	7,5708	7,6741	7,7724
200	V	1,061	885.44	897.47	959.54	1020.4	1080.4	1139.8	1198.9
(120.23)	U	504.489	2529.2	2536.9	2576.6	2615.7	2654.4	2692.9	2731.4
	H	504.701	2706.3	2716.4	2768.5	2819.8	2870.5	2920.9	2971.2
	S	1,5301	7,1268	7,1523	7,2794	7,3971	7,5072	7,6110	7,7096
225	V	1,064	792.97	795.25	850.97	905.44	959.06	1012.1	1064.7
(123.99)	U	520.465	2533.2	2534.8	2575.1	2614.5	2653.5	2692.2	2730.8
	H	520.705	2711.6	2713.8	2766.5	2818.2	2869.3	2919.9	2970.4
	S	1,5705	7,0873	7,0928	7,2213	7,3400	7,4508	7,5551	7,6540
250	V	1,068	718.44	.....	764.09	813.47	861.98	909.91	957.41
(127.43)	U	535.077	2536.8	.....	2573.5	2613.3	2652.5	2691.4	2730.2
	H	535.343	2716.4	.....	2764.5	2816.7	2868.0	2918.9	2969.6
	S	1,6071	7,0520	.....	7,1689	7,2886	7,4001	7,5050	7,6042
275	V	1,071	657.04	.....	693.00	738.21	782.55	826.29	869.61
(130.60)	U	548.564	2540.0	.....	2571.9	2612.1	2651.6	2690.7	2729.6
	H	548.858	2720.7	.....	2762.5	2815.1	2866.8	2917.9	2968.7
	S	1,6407	7,0201	.....	7,1211	7,2419	7,3541	7,4594	7,5590
300	V	1,073	605.56	.....	633.74	675.49	716.35	756.60	796.44
(133.54)	U	561.107	2543.0	.....	2570.3	2610.8	2650.6	2689.9	2729.0
	H	561.429	2724.7	.....	2760.4	2813.5	2865.5	2916.9	2967.9
	S	1,6716	6,9909	.....	7,0771	7,1990	7,3119	7,4177	7,5176

Table 1.3. Auto-... ..

Tabla F.2. Vapor sobrecalentado, unidades SI (Continúa)

P (kPa)	t (°C)	v _g	v _g	TEMPERATURA: t °C (TEMPERATURA: T kelvins)										
				300	350	400	450	500	550	600	650			
		sat.	sat.	(573.15)	(623.15)	(673.15)	(723.15)	(773.15)	(823.15)	(873.15)	(923.15)			
V	1	1.000	129200.	264500.	287580.	310660.	333730.	356810.	379880.	402960.	426040.			
U	(6.98)	29.334	2385.2	2812.3	2889.9	2969.1	3049.9	3132.4	3216.7	3302.6	3390.3			
H		29.335	2514.4	3076.8	3177.5	3279.7	3383.6	3489.2	3596.5	3705.6	3816.4			
S		0.1060	8.9767	10.3450	10.5133	10.6711	10.8200	10.9612	11.0957	11.2243	11.3476			
V	10	1.010	14670.	26440.	28750.	31060.	33370.	35670.	37980.	40290.	42600.			
U	(45.83)	191.822	2438.0	2812.2	2889.8	2969.0	3049.8	3132.3	3216.6	3302.6	3390.3			
H		191.832	2584.8	3076.6	3177.3	3279.6	3383.5	3489.1	3596.5	3705.5	3816.3			
S		0.6493	8.1511	9.2820	9.4504	9.6083	9.7572	9.8984	10.0329	10.1616	10.2849			
V	20	1.017	7649.8	13210.	14370.	15520.	16680.	17830.	18990.	20140.	21300.			
U	(60.09)	251.432	2456.9	2812.0	2889.6	2968.9	3049.7	3132.3	3216.5	3302.5	3390.2			
H		251.453	2609.9	3076.4	3177.1	3279.4	3383.4	3489.0	3596.4	3705.4	3816.2			
S		0.8321	7.9094	8.9618	9.1303	9.2882	9.4372	9.5784	9.7130	9.8416	9.9650			
V	30	1.022	5229.3	8810.8	9581.2	10350.	11120.	11890.	12660.	13430.	14190.			
U	(69.12)	289.271	2468.6	2811.8	2889.5	2968.7	3049.6	3132.2	3216.5	3302.5	3390.2			
H		289.302	2625.4	3076.1	3176.9	3279.3	3383.3	3488.9	3596.3	3705.4	3816.2			
S		0.9441	7.7695	8.7744	8.9430	9.1010	9.2499	9.3912	9.5257	9.6544	9.7778			
V	40	1.027	3993.4	6606.5	7184.6	7762.5	8340.1	8917.6	9494.9	10070.	10640.			
U	(75.89)	317.609	2477.1	2811.6	2889.4	2968.6	3049.5	3132.1	3216.4	3302.4	3390.1			
H		317.650	2636.9	3075.9	3176.8	3279.1	3383.1	3488.8	3596.2	3705.3	3816.1			
S		1.0261	7.6709	8.6413	8.8100	8.9680	9.1170	9.2583	9.3929	9.5216	9.6450			
V	50	1.030	3240.2	5283.9	5746.7	6209.1	6671.4	7133.5	7595.5	8057.4	8519.2			
U	(81.35)	340.513	2484.0	2811.5	2889.2	2968.5	3049.4	3132.0	3216.3	3302.3	3390.1			
H		340.564	2646.0	3075.7	3176.6	3279.0	3383.0	3488.7	3596.1	3705.2	3816.0			
S		1.0912	7.5947	8.5380	8.7068	8.8649	9.0139	9.1552	9.2898	9.4185	9.5419			
V	75	1.037	2216.9	3520.5	3829.4	4138.0	4446.4	4754.7	5062.8	5370.9	5678.9			
U	(91.79)	364.374	2496.7	2811.0	2888.9	2968.2	3049.2	3131.8	3216.1	3302.2	3389.9			
H		364.451	2663.0	3075.1	3176.1	3278.6	3382.7	3488.4	3595.8	3705.0	3815.9			
S		1.2131	7.4570	8.3502	8.5191	8.6773	8.8265	8.9678	9.1025	9.2312	9.3546			
V	100	1.043	1693.7	2638.7	2870.8	3102.5	3334.0	3565.3	3796.5	4027.7	4258.8			
U	(99.63)	417.406	2506.1	2810.6	2888.6	2968.0	3049.0	3131.6	3216.0	3302.0	3389.8			
H		417.511	2675.4	3074.5	3175.6	3278.2	3382.4	3488.1	3595.6	3704.8	3815.7			
S		1.3027	7.3598	8.2166	8.3858	8.5442	8.6934	8.8348	8.9695	9.0982	9.2217			

101.325	V	1.044	1673.0	2604.2	2833.2	3061.9	3290.3	3518.7	3746.9	3975.0	4203.1
(100.00)	U	418.959	2506.5	2810.6	2888.5	2968.0	3048.9	3131.6	3215.9	3301.9	3389.8
	H	419.064	2676.0	3074.4	3175.6	3278.2	3382.3	3488.1	3595.6	3704.8	3815.7
	S	1.3069	7.3554	8.2105	8.3797	8.5381	8.6873	8.8287	8.9634	9.0922	9.2156
125	V	1.049	1374.6	2109.7	2295.6	2481.2	2666.5	2851.7	3036.8	3221.8	3406.7
(105.99)	U	444.224	2513.4	2810.2	2888.2	2967.7	3048.7	3131.4	3215.8	3301.9	3389.7
	H	444.356	2685.2	3073.9	3175.2	3277.8	3382.0	3487.9	3595.4	3704.6	3815.5
	S	1.3740	7.2847	8.1129	8.2823	8.4408	8.5901	8.7316	8.8663	8.9951	9.1186
150	V	1.053	1159.0	1757.0	1912.2	2066.9	2221.5	2375.9	2530.2	2684.5	2838.6
(111.37)	U	466.968	2519.5	2809.7	2887.9	2967.4	3048.5	3131.2	3215.6	3301.7	3389.5
	H	467.126	2693.4	3073.3	3174.7	3277.5	3381.7	3487.6	3595.1	3704.4	3815.3
	S	1.4336	7.2234	8.0280	8.1976	8.3562	8.5056	8.6472	8.7819	8.9108	9.0343
175	V	1.057	1003.34	1505.1	1638.3	1771.1	1903.7	2036.1	2168.4	2300.7	2432.9
(116.06)	U	486.815	2524.7	2809.3	2887.5	2967.1	3048.3	3131.0	3215.4	3301.6	3389.4
	H	487.000	2700.3	3072.7	3174.2	3277.1	3381.4	3487.3	3594.9	3704.2	3815.1
	S	1.4849	7.1716	7.9561	8.1259	8.2847	8.4341	8.5758	8.7106	8.8394	8.9630
200	V	1.061	885.44	1316.2	1432.8	1549.2	1665.3	1781.2	1897.1	2012.9	2128.6
(120.23)	U	504.489	2529.2	2808.8	2887.2	2966.9	3048.0	3130.8	3215.3	3301.4	3389.2
	H	504.701	2706.3	3072.1	3173.8	3276.7	3381.1	3487.0	3594.7	3704.0	3815.0
	S	1.5301	7.1268	7.8937	8.0638	8.2226	8.3722	8.5139	8.6487	8.7776	8.9012
225	V	1.064	792.97	1169.2	1273.1	1376.6	1479.9	1583.0	1686.0	1789.0	1891.9
(123.99)	U	520.465	2533.2	2808.4	2886.9	2966.6	3047.8	3130.6	3215.1	3301.2	3389.1
	H	520.705	2711.6	3071.5	3173.3	3276.3	3380.8	3486.8	3594.4	3703.8	3814.8
	S	1.5705	7.0873	7.8385	8.0088	8.1679	8.3175	8.4593	8.5942	8.7231	8.8467
250	V	1.068	718.44	1051.6	1145.2	1238.5	1331.5	1424.4	1517.2	1609.9	1702.5
(127.43)	U	535.077	2536.8	2808.0	2886.5	2966.3	3047.6	3130.4	3214.9	3301.1	3389.0
	H	535.343	2716.4	3070.9	3172.8	3275.9	3380.4	3486.5	3594.2	3703.6	3814.6
	S	1.6071	7.0520	7.7891	7.9597	8.1188	8.2686	8.4104	8.5453	8.6743	8.7980
275	V	1.071	657.04	955.45	1040.7	1125.5	1210.2	1294.7	1379.0	1463.3	1547.6
(130.60)	U	548.564	2540.0	2807.5	2886.2	2966.0	3047.3	3130.2	3214.7	3300.9	3388.8
	H	548.858	2720.7	3070.3	3172.4	3275.5	3380.1	3486.2	3594.0	3703.4	3814.4
	S	1.6407	7.0201	7.7444	7.9151	8.0744	8.2243	8.3661	8.5011	8.6301	8.7538
300	V	1.073	605.56	875.29	953.52	1031.4	1109.0	1186.5	1263.9	1341.2	1418.5
(133.54)	U	561.107	2543.0	2807.1	2885.8	2965.8	3047.1	3130.0	3214.5	3300.8	3388.7
	H	561.429	2724.7	3069.7	3171.9	3275.2	3379.8	3486.0	3593.7	3703.2	3814.2
	S	1.6716	6.9909	7.7034	7.8744	8.0338	8.1838	8.3257	8.4608	8.5898	8.7135

Tabla F.2. Vapor sobrecalentado, unidades SI (Continúa)

P/kPa (t ⁻¹ /°C)	liq. sat.	vap. sat.	TEMPERATURA: t °C (TEMPERATURA: T kelvins)											
			325 (598.15)	350 (623.15)	400 (673.15)	450 (723.15)	500 (773.15)	550 (823.15)	600 (873.15)	650 (923.15)				
325 (136.29)	V	561.75	843.68	879.78	951.73	1023.5	1095.0	1166.5	1237.9	1309.2				
	U	572.847	2845.9	2885.5	2965.5	3046.9	3129.8	3214.4	3300.6	3388.6				
	H	573.197	3120.1	3171.4	3274.8	3379.5	3485.7	3593.5	3702.9	3814.1				
350 (138.87)	S	1.7004	7.7530	7.8369	7.9965	8.1465	8.2885	8.4236	8.5527	8.6764				
	V	1.079	783.01	816.57	883.45	950.11	1016.6	1083.0	1149.3	1215.6				
	U	583.892	2845.6	2885.1	2965.2	3046.6	3129.6	3214.2	3300.5	3388.4				
375 (141.31)	H	584.270	3119.6	3170.9	3274.4	3379.2	3485.4	3593.3	3702.7	3813.9				
	S	1.7273	7.7181	7.8022	7.9619	8.1120	8.2540	8.3892	8.5183	8.6421				
	V	1.081	491.13	730.42	761.79	824.28	886.54	948.66	1010.7	1072.6				
400 (143.62)	U	594.332	2845.2	2884.8	2964.9	3046.4	3129.4	3214.0	3300.3	3388.3				
	H	594.737	3119.1	3170.5	3274.0	3378.8	3485.1	3593.0	3702.5	3813.7				
	S	1.7526	7.6856	7.7698	7.9296	8.0798	8.2219	8.3571	8.4863	8.6101				
425 (145.82)	V	1.084	684.41	713.85	772.50	830.92	889.19	947.35	1005.4	1063.4				
	U	604.237	2844.8	2884.5	2964.6	3046.2	3129.2	3213.8	3300.2	3388.2				
	H	604.670	3118.5	3170.0	3273.6	3378.5	3484.9	3592.8	3702.3	3813.5				
450 (147.92)	S	1.7764	7.6552	7.7395	7.8994	8.0497	8.1919	8.3271	8.4563	8.5802				
	V	1.086	436.61	643.81	671.56	781.84	836.72	891.49	946.17	1000.8				
	U	613.667	2844.4	2884.1	2964.4	3045.9	3129.0	3213.7	3300.0	3388.0				
475 (149.92)	H	614.128	3118.0	3169.5	3273.3	3378.2	3484.6	3592.5	3702.1	3813.4				
	S	1.7990	6.8739	7.7109	7.8710	8.0214	8.1636	8.2989	8.4282	8.5520				
	V	1.088	413.75	607.73	633.97	738.21	790.07	841.83	893.50	945.10				
500 (151.84)	U	622.672	2844.0	2883.8	2964.1	3045.7	3128.8	3213.5	3299.8	3387.9				
	H	623.162	3117.5	3169.1	3272.9	3377.9	3484.3	3592.3	3701.9	3813.2				
	S	1.8204	6.8547	7.5995	7.8442	7.9947	8.1370	8.2723	8.4016	8.5255				
550 (159.92)	V	1.091	383.22	575.44	600.33	649.87	699.18	748.34	797.40	846.37				
	U	631.294	2843.6	2883.4	2963.8	3045.4	3128.6	3213.3	3299.7	3387.7				
	H	631.812	3116.9	3168.6	3272.5	3377.6	3484.0	3592.1	3701.7	3813.0				
600 (167.72)	S	1.8408	6.8365	7.5739	7.8189	7.9694	8.1118	8.2472	8.3765	8.5004				
	V	1.093	374.68	546.38	570.05	617.16	664.05	710.78	757.41	803.95				
	U	639.569	2843.2	2883.1	2963.5	3045.2	3128.4	3213.1	3299.5	3387.6				
650 (177.07)	H	640.116	3116.4	3168.1	3272.1	3377.2	3483.8	3591.8	3701.5	3812.8				
	S	1.8604	6.8192	7.5496	7.7948	7.9454	8.0879	8.2233	8.3526	8.4766				

525	V	1,095	357.84	520.08	542.66	587.58	632.26	676.80	721.23	765.57	809.85
(153.69)	U	647.528	2561.8	2842.8	2882.7	2963.2	3045.0	3128.2	3213.0	3299.4	3387.5
	H	648.103	2749.7	3115.9	3167.6	3271.7	3376.9	3483.5	3591.6	3701.3	3812.6
	S	1,879.0	6,802.7	7,526.4	7,611.2	7,771.9	7,922.6	8,065.1	8,200.6	8,329.9	8,453.9
550	V	1,097	342.48	496.18	517.76	560.68	603.37	645.91	688.34	730.68	772.96
(155.47)	U	655.199	2563.3	2842.4	2882.4	2963.0	3044.7	3128.0	3212.8	3299.2	3387.3
	H	655.802	2751.7	3115.3	3167.2	3271.3	3376.6	3483.2	3591.4	3701.1	3812.5
	S	1,897.0	6,787.0	7,504.3	7,589.2	7,750.0	7,900.8	8,043.3	8,178.9	8,308.3	8,432.3
575	V	1,099	328.41	474.36	495.03	536.12	576.98	617.70	658.30	698.83	739.28
(157.18)	U	662.603	2564.8	2842.0	2882.1	2962.7	3044.5	3127.8	3212.6	3299.1	3387.2
	H	663.235	2753.6	3114.8	3166.7	3271.0	3376.3	3482.9	3591.1	3700.9	3812.3
	S	1,914.2	6,772.0	7,483.1	7,568.1	7,729.0	7,879.9	8,022.6	8,158.1	8,287.6	8,411.6
600	V	1,101	315.47	454.35	474.19	513.61	552.80	591.84	630.78	669.63	708.41
(158.84)	U	669.762	2566.2	2841.6	2881.7	2962.4	3044.3	3127.6	3212.4	3298.9	3387.1
	H	670.423	2755.5	3114.3	3166.2	3270.6	3376.0	3482.7	3590.9	3700.7	3812.1
	S	1,930.8	6,757.5	7,462.8	7,547.9	7,709.0	7,860.0	8,002.7	8,138.3	8,267.8	8,391.9
625	V	1,103	303.54	435.94	455.01	492.89	530.55	568.05	605.45	642.76	680.01
(160.44)	U	676.695	2567.5	2841.2	2881.4	2962.1	3044.0	3127.4	3212.2	3298.8	3386.9
	H	677.384	2757.2	3113.7	3165.7	3270.2	3375.6	3482.4	3590.7	3700.5	3811.9
	S	1,946.9	6,743.7	7,443.3	7,528.5	7,689.7	7,840.8	7,983.6	8,119.2	8,248.8	8,372.9
650	V	1,105	292.49	418.95	437.31	473.78	510.01	546.10	582.07	617.96	653.79
(161.99)	U	683.417	2568.7	2840.9	2881.0	2961.8	3043.8	3127.2	3212.1	3298.6	3386.8
	H	684.135	2758.9	3113.2	3165.3	3269.8	3375.3	3482.1	3590.4	3700.3	3811.8
	S	1,962.3	6,730.4	7,424.5	7,509.9	7,671.2	7,822.4	7,965.2	8,100.9	8,230.5	8,354.6
675	V	1,106	282.23	403.22	420.92	456.07	491.00	525.77	560.43	595.00	629.51
(163.49)	U	689.943	2570.0	2840.5	2880.7	2961.6	3043.6	3127.0	3211.9	3298.5	3386.7
	H	690.689	2760.5	3112.6	3164.8	3269.4	3375.0	3481.8	3590.2	3700.1	3811.6
	S	1,977.3	6,717.6	7,406.4	7,491.9	7,653.4	7,804.6	7,947.5	8,083.3	8,212.9	8,337.1
700	V	1,108	272.68	388.61	405.71	439.64	473.34	506.89	540.33	573.68	606.97
(164.96)	U	696.285	2571.1	2840.1	2880.3	2961.3	3043.3	3126.8	3211.7	3298.3	3386.5
	H	697.061	2762.0	3112.1	3164.3	3269.0	3374.7	3481.6	3589.9	3699.9	3811.4
	S	1,991.8	6,705.2	7,389.0	7,474.5	7,636.2	7,787.5	7,930.5	8,066.3	8,195.9	8,320.1
725	V	1,110	263.77	375.01	391.54	424.33	456.90	489.31	521.61	553.83	585.99
(166.38)	U	702.457	2572.2	2839.7	2880.0	2961.0	3043.1	3126.6	3211.5	3298.1	3386.4
	H	703.261	2763.4	3111.5	3163.8	3268.7	3374.3	3481.3	3589.7	3699.7	3811.2
	S	2,005.9	6,693.2	7,372.1	7,457.8	7,619.6	7,771.0	7,914.0	8,049.9	8,179.6	8,303.8

Tabla F.2. Vapor sobrecalentado, unidades SI (Continúa).

P/kPa (<i>t_v</i> /°C)	liq. sat.	vap. sat.	TEMPERATURA: <i>t</i> °C (TEMPERATURA: <i>T</i> kelvins)												
			175 (448.15)	200 (473.15)	220 (493.15)	240 (513.15)	260 (533.15)	280 (553.15)	300 (573.15)	325 (598.15)					
V 750 (167.76)	1.112 708.467 709.301 2.0195	255.43 2573.3 2764.8 6.6817	260.88 2586.9 2782.5 6.7215	279.05 2632.1 2841.4 6.8494	293.03 2666.8 2886.6 6.9429	306.65 2700.6 2930.6 7.0303	320.01 2733.7 2973.7 7.1128	333.17 2766.4 3016.3 7.1912	346.19 2798.9 3058.5 7.2662	362.32 2839.3 3111.0 7.3558					
V 775 (169.10)	1.113 714.326 715.189 2.0328	247.61 2574.3 2766.2 6.6705	251.93 2585.4 2780.7 6.7031	269.63 2631.0 2840.0 6.8319	283.22 2665.9 2885.4 6.9259	296.45 2699.8 2929.6 7.0137	309.41 2733.1 2972.9 7.0965	322.19 2765.9 3015.6 7.1751	334.81 2798.4 3057.9 7.2502	350.44 2838.9 3110.5 7.3400					
V 800 (170.41)	1.115 720.043 720.935 2.0457	240.26 2575.3 2767.5 6.6596	243.53 2584.0 2778.8 6.6851	260.79 2629.9 2838.6 6.8148	274.02 2665.0 2884.2 6.9094	286.88 2699.1 2928.6 6.9976	299.48 2732.5 2972.1 7.0807	311.89 2765.4 3014.9 7.1595	324.14 2797.9 3057.3 7.2348	339.31 2838.5 3109.9 7.3247					
V 825 (171.69)	1.117 725.625 726.547 2.0583	233.34 2576.2 2768.7 6.6491	235.64 2582.5 2776.9 6.6675	252.48 2628.8 2837.1 6.7982	265.37 2664.1 2883.1 6.8933	277.90 2698.4 2927.6 6.9819	290.15 2731.8 2971.2 7.0653	302.21 2764.8 3014.1 7.1443	314.12 2797.5 3056.6 7.2197	328.85 2838.1 3109.4 7.3098					
V 850 (172.94)	1.118 731.080 732.031 2.0705	226.81 2577.1 2769.9 6.6388	228.21 2581.1 2775.1 6.6504	244.66 2627.7 2835.7 6.7820	257.24 2663.2 2881.9 6.8777	269.44 2697.6 2926.6 6.9666	281.37 2731.2 2970.4 7.0503	293.10 2764.3 3013.4 7.1295	304.68 2797.0 3056.0 7.2051	319.00 2837.7 3108.8 7.2954					
V 875 (174.16)	1.120 736.415 737.394 2.0825	220.65 2578.0 2771.0 6.6289	221.20 2579.6 2773.1 6.6336	237.29 2626.6 2834.2 6.7662	249.56 2662.3 2880.7 6.8624	261.46 2696.8 2925.6 6.9518	273.09 2730.6 2969.5 7.0357	284.51 2763.7 3012.7 7.1152	295.79 2796.5 3055.3 7.1909	309.72 2837.3 3108.3 7.2813					
V 900 (175.36)	1.121 741.635 742.644 2.0941	214.81 2578.8 2772.1 6.6192	214.81 2578.8 2772.1 6.6192	230.32 2625.5 2832.7 6.7508	242.31 2661.4 2879.5 6.8475	253.93 2696.1 2924.6 6.9373	265.27 2729.9 2968.7 7.0215	276.40 2763.2 3012.0 7.1012	287.39 2796.1 3054.7 7.1771	300.96 2836.9 3107.7 7.2676					
V 925 (176.53)	1.123 746.746 747.784 2.1055	209.28 2579.6 2773.2 6.6097	209.28 2579.6 2773.2 6.6097	223.73 2624.3 2831.3 6.7357	235.46 2660.5 2878.3 6.8329	246.80 2695.3 2923.6 6.9231	257.87 2729.3 2967.8 7.0076	268.73 2762.6 3011.2 7.0875	279.44 2795.6 3054.1 7.1636	292.66 2836.5 3107.2 7.2543					

950	V	1.124	204.03	217.48	228.96	240.05	250.86	261.46	271.91	284.81
(177.87)	U	751.754	2580.4	2623.2	2659.5	2694.6	2728.7	2762.1	2795.1	2836.0
	H	752.822	2774.2	2829.8	2877.0	2922.6	2967.0	3010.5	3053.4	3106.6
	S	2.1166	6.6005	6.7209	6.8187	6.9093	6.9941	7.0742	7.1505	7.2413
975	V	1.126	199.04	211.55	222.79	233.64	244.20	254.56	264.76	277.35
(178.79)	U	756.663	2581.1	2622.0	2658.6	2693.8	2728.0	2761.5	2794.6	2835.6
	H	757.761	2775.2	2826.8	2875.8	2921.6	2966.1	3009.7	3052.8	3106.1
	S	2.1275	6.5916	6.7064	6.8048	6.8958	6.9809	7.0612	7.1377	7.2286
1000	V	1.127	194.29	205.92	216.93	227.55	237.89	248.01	257.98	270.27
(179.88)	U	761.478	2581.9	2620.9	2657.7	2693.0	2727.4	2761.0	2794.2	2835.2
	H	762.605	2776.2	2826.8	2874.6	2920.6	2965.2	3009.0	3052.1	3105.5
	S	2.1382	6.5828	6.6922	6.7911	6.8825	6.9680	7.0485	7.1251	7.2163
1050	V	1.130	185.45	195.45	206.04	216.24	226.15	235.84	245.37	257.12
(182.02)	U	770.843	2583.3	2618.5	2655.8	2691.5	2726.1	2759.9	2792.2	2834.4
	H	772.029	2778.0	2823.8	2872.1	2918.5	2963.5	3007.5	3050.8	3104.4
	S	2.1588	6.5659	6.6645	6.7647	6.8569	6.9430	7.0240	7.1009	7.1924
1100	V	1.133	177.38	185.92	196.14	205.96	215.47	224.77	233.91	245.16
(184.07)	U	779.878	2584.5	2616.2	2653.9	2689.9	2724.7	2758.8	2792.2	2833.6
	H	781.124	2779.7	2820.7	2869.6	2916.4	2961.8	3006.0	3049.6	3103.3
	S	2.1786	6.5497	6.6379	6.7392	6.8323	6.9190	7.0005	7.0778	7.1695
1150	V	1.136	169.99	177.22	187.10	196.56	205.73	214.67	223.44	234.25
(186.05)	U	788.611	2585.8	2613.8	2651.9	2688.3	2723.4	2757.7	2791.3	2832.8
	H	789.917	2781.3	2817.6	2867.1	2914.4	2960.0	3004.5	3048.2	3102.2
	S	2.1977	6.5342	6.6122	6.7147	6.8086	6.8959	6.9779	7.0556	7.1476
1200	V	1.139	163.20	169.23	178.80	187.95	196.79	205.40	213.85	224.24
(187.96)	U	797.064	2586.9	2611.3	2650.0	2686.7	2722.1	2756.5	2790.3	2832.0
	H	798.430	2782.7	2814.4	2864.5	2912.2	2958.2	3003.0	3046.9	3101.0
	S	2.2161	6.5194	6.5872	6.6909	6.7858	6.8738	6.9562	7.0342	7.1266
1250	V	1.141	156.93	161.88	171.17	180.02	188.56	196.88	205.02	215.03
(189.81)	U	805.259	2588.0	2608.9	2648.0	2685.1	2720.8	2755.4	2789.3	2831.1
	H	806.685	2784.1	2811.2	2861.9	2910.1	2956.5	3001.5	3045.6	3099.9
	S	2.2338	6.5050	6.5630	6.6680	6.7637	6.8523	6.9353	7.0136	7.1064
1300	V	1.144	151.13	155.09	164.11	172.70	180.97	189.01	196.87	206.53
(191.61)	U	813.213	2589.0	2606.4	2646.4	2683.5	2719.4	2754.3	2788.4	2830.3
	H	814.700	2785.4	2808.0	2859.3	2908.0	2954.7	3000.0	3044.3	3098.8
	S	2.2510	6.4913	6.5394	6.6457	6.7424	6.8316	6.9151	6.9938	7.0869

Tabla F.2. Vapor sobrecalentado, unidades SI (Continúa)

kPa (lbf/in ²)	liq. sat.	vap. sat.	TEMPERATURA: T °C (TEMPERATURA: T kelvins)											
			350 (623.15)	375 (648.15)	400 (673.15)	450 (723.15)	500 (773.15)	550 (833.15)	600 (873.15)	650 (923.15)				
750 (187.76)	V	255.43	378.31	394.22	410.05	441.55	472.90	504.15	535.30	566.40				
	U	708.467	2879.6	2920.1	2960.7	3042.9	3126.3	3211.4	3298.0	3386.2				
	H	709.301	3163.4	3215.7	3268.3	3374.0	3481.0	3589.5	3699.5	3811.0				
	S	2.0195	6.6817	7.4416	7.5240	7.6035	7.7550	7.8981	8.0340	8.1637	8.2880			
775 (169.10)	V	247.61	365.94	381.35	396.69	427.20	457.56	487.81	517.97	548.07				
	U	714.328	2879.3	2919.8	2960.4	3042.6	3126.1	3211.2	3297.8	3386.1				
	H	715.189	3162.9	3215.3	3267.9	3373.7	3480.8	3589.2	3699.3	3810.9				
	S	2.0328	6.6705	7.4259	7.5084	7.5880	7.7396	7.8827	8.0187	8.1484	8.2727			
800 (170.41)	V	240.26	354.34	369.29	384.16	413.74	443.17	472.49	501.72	530.89				
	U	720.043	2878.9	2919.5	2960.2	3042.4	3125.9	3211.0	3297.7	3386.0				
	H	720.935	3162.4	3214.9	3267.5	3373.4	3480.5	3589.0	3699.1	3810.7				
	S	2.0457	6.6596	7.4107	7.4932	7.5729	7.7246	7.8678	8.0038	8.1336	8.2579			
825 (171.69)	V	233.34	343.45	357.96	372.39	401.10	429.65	458.10	486.46	514.76				
	U	725.625	2878.2	2919.1	2959.9	3042.2	3125.7	3210.8	3297.5	3385.8				
	H	726.547	3161.9	3214.5	3267.1	3373.1	3480.2	3588.8	3698.8	3810.5				
	S	2.0583	6.6491	7.3959	7.4786	7.5583	7.7101	7.8533	7.9894	8.1192	8.2436			
850 (172.94)	V	226.81	333.20	347.29	361.31	389.20	416.93	444.56	472.09	499.57				
	U	731.080	2878.2	2918.8	2959.6	3041.9	3125.5	3210.7	3297.4	3385.7				
	H	732.031	3161.4	3214.0	3266.7	3372.7	3479.9	3588.5	3698.6	3810.3				
	S	2.0705	6.6388	7.3815	7.4643	7.5441	7.6960	7.8393	7.9754	8.1053	8.2296			
875 (174.76)	V	220.65	323.53	337.24	350.87	377.98	404.94	431.79	458.55	485.25				
	U	736.415	2877.9	2918.5	2959.3	3041.7	3125.3	3210.5	3297.2	3385.6				
	H	737.394	3161.0	3213.6	3266.3	3372.4	3479.7	3588.3	3698.4	3810.2				
	S	2.0825	6.6289	7.3676	7.4504	7.5303	7.6823	7.8257	7.9618	8.0917	8.2161			
900 (175.36)	V	214.81	314.40	327.74	341.01	367.39	393.61	419.73	445.76	471.72				
	U	741.635	2877.5	2918.2	2959.0	3041.4	3125.1	3210.3	3297.1	3385.4				
	H	742.644	3160.5	3213.2	3266.0	3372.1	3479.4	3588.1	3698.2	3810.0				
	S	2.0941	6.6192	7.3540	7.4370	7.5169	7.6689	7.8124	7.9486	8.0785	8.2030			
925 (176.53)	V	209.28	305.76	318.75	331.68	357.36	382.90	408.32	433.66	458.93				
	U	746.746	2877.2	2917.9	2958.8	3041.2	3124.9	3210.1	3296.9	3385.3				
	H	747.784	3160.0	3212.7	3265.6	3371.8	3479.1	3587.8	3698.0	3809.8				
	S	2.1055	6.6097	7.3408	7.4238	7.5038	7.6560	7.7995	7.9357	8.0657	8.1902			

Tabla F.2. Vapor sobrecalentado, unidades SI (Continúa)

P/kPa ($t^{\circ}/^{\circ}\text{C}$)	liq. sat.	vap. sat.	TEMPERATURA: $t^{\circ}\text{C}$ (TEMPERATURA: T kelvins)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			200 (473.15)	225 (498.15)	250 (523.15)	275 (548.15)	300 (573.15)	325 (598.15)	350 (623.15)	375 (648.15)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1350 (193.35)	V 1.146	145.74	148.79	159.70	169.96	179.79	189.33	198.66	207.85	216.93	226.01	235.09	244.17	253.25	262.33	271.41	280.49	289.57	298.65	307.73	316.81	325.89	334.97	344.05	353.13	362.21	371.29	380.37	389.45	398.53	407.61	416.69	425.77	434.85	443.93	453.01	462.09	471.17	480.25	489.33	498.41	507.49	516.57	525.65	534.73	543.81	552.89	561.97	571.05	580.13	589.21	598.29	607.37	616.45	625.53	634.61	643.69	652.77	661.85	670.93	680.01	689.09	698.17	707.25	716.33	725.41	734.49	743.57	752.65	761.73	770.81	779.89	788.97	798.05	807.13	816.21	825.29	834.37	843.45	852.53	861.61	870.69	879.77	888.85	897.93	907.01	916.09	925.17	934.25	943.33	952.41	961.49	970.57	979.65	988.73	997.81	1006.89	1015.97	1025.05	1034.13	1043.21	1052.29	1061.37	1070.45	1079.53	1088.61	1097.69	1106.77	1115.85	1124.93	1134.01	1143.09	1152.17	1161.25	1170.33	1179.41	1188.49	1197.57	1206.65	1215.73	1224.81	1233.89	1242.97	1252.05	1261.13	1270.21	1279.29	1288.37	1297.45	1306.53	1315.61	1324.69	1333.77	1342.85	1351.93	1361.01	1370.09	1379.17	1388.25	1397.33	1406.41	1415.49	1424.57	1433.65	1442.73	1451.81	1460.89	1469.97	1479.05	1488.13	1497.21	1506.29	1515.37	1524.45	1533.53	1542.61	1551.69	1560.77	1569.85	1578.93	1588.01	1597.09	1606.17	1615.25	1624.33	1633.41	1642.49	1651.57	1660.65	1669.73	1678.81	1687.89	1696.97	1706.05	1715.13	1724.21	1733.29	1742.37	1751.45	1760.53	1769.61	1778.69	1787.77	1796.85	1805.93	1815.01	1824.09	1833.17	1842.25	1851.33	1860.41	1869.49	1878.57	1887.65	1896.73	1905.81	1914.89	1923.97	1933.05	1942.13	1951.21	1960.29	1969.37	1978.45	1987.53	1996.61	2005.69	2014.77	2023.85	2032.93	2042.01	2051.09	2060.17	2069.25	2078.33	2087.41	2096.49	2105.57	2114.65	2123.73	2132.81	2141.89	2150.97	2160.05	2169.13	2178.21	2187.29	2196.37	2205.45	2214.53	2223.61	2232.69	2241.77	2250.85	2259.93	2269.01	2278.09	2287.17	2296.25	2305.33	2314.41	2323.49	2332.57	2341.65	2350.73	2359.81	2368.89	2377.97	2387.05	2396.13	2405.21	2414.29	2423.37	2432.45	2441.53	2450.61	2459.69	2468.77	2477.85	2486.93	2496.01	2505.09	2514.17	2523.25	2532.33	2541.41	2550.49	2559.57	2568.65	2577.73	2586.81	2595.89	2604.97	2614.05	2623.13	2632.21	2641.29	2650.37	2659.45	2668.53	2677.61	2686.69	2695.77	2704.85	2713.93	2723.01	2732.09	2741.17	2750.25	2759.33	2768.41	2777.49	2786.57	2795.65	2804.73	2813.81	2822.89	2831.97	2841.05	2850.13	2859.21	2868.29	2877.37	2886.45	2895.53	2904.61	2913.69	2922.77	2931.85	2940.93	2950.01	2959.09	2968.17	2977.25	2986.33	2995.41	3004.49	3013.57	3022.65	3031.73	3040.81	3049.89	3058.97	3068.05	3077.13	3086.21	3095.29	3104.37	3113.45	3122.53	3131.61	3140.69	3149.77	3158.85	3167.93	3177.01	3186.09	3195.17	3204.25	3213.33	3222.41	3231.49	3240.57	3249.65	3258.73	3267.81	3276.89	3285.97	3295.05	3304.13	3313.21	3322.29	3331.37	3340.45	3349.53	3358.61	3367.69	3376.77	3385.85	3394.93	3404.01	3413.09	3422.17	3431.25	3440.33	3449.41	3458.49	3467.57	3476.65	3485.73	3494.81	3503.89	3512.97	3522.05	3531.13	3540.21	3549.29	3558.37	3567.45	3576.53	3585.61	3594.69	3603.77	3612.85	3621.93	3631.01	3640.09	3649.17	3658.25	3667.33	3676.41	3685.49	3694.57	3703.65	3712.73	3721.81	3730.89	3740.00	3749.08	3758.16	3767.24	3776.32	3785.40	3794.48	3803.56	3812.64	3821.72	3830.80	3839.88	3848.96	3858.04	3867.12	3876.20	3885.28	3894.36	3903.44	3912.52	3921.60	3930.68	3939.76	3948.84	3957.92	3967.00	3976.08	3985.16	3994.24	4003.32	4012.40	4021.48	4030.56	4039.64	4048.72	4057.80	4066.88	4075.96	4085.04	4094.12	4103.20	4112.28	4121.36	4130.44	4139.52	4148.60	4157.68	4166.76	4175.84	4184.92	4194.00	4203.08	4212.16	4221.24	4230.32	4239.40	4248.48	4257.56	4266.64	4275.72	4284.80	4293.88	4302.96	4312.04	4321.12	4330.20	4339.28	4348.36	4357.44	4366.52	4375.60	4384.68	4393.76	4402.84	4411.92	4421.00	4430.08	4439.16	4448.24	4457.32	4466.40	4475.48	4484.56	4493.64	4502.72	4511.80	4520.88	4529.96	4539.04	4548.12	4557.20	4566.28	4575.36	4584.44	4593.52	4602.60	4611.68	4620.76	4629.84	4638.92	4648.00	4657.08	4666.16	4675.24	4684.32	4693.40	4702.48	4711.56	4720.64	4729.72	4738.80	4747.88	4756.96	4766.04	4775.12	4784.20	4793.28	4802.36	4811.44	4820.52	4829.60	4838.68	4847.76	4856.84	4865.92	4875.00	4884.08	4893.16	4902.24	4911.32	4920.40	4929.48	4938.56	4947.64	4956.72	4965.80	4974.88	4983.96	4993.04	5002.12	5011.20	5020.28	5029.36	5038.44	5047.52	5056.60	5065.68	5074.76	5083.84	5092.92	5102.00	5111.08	5120.16	5129.24	5138.32	5147.40	5156.48	5165.56	5174.64	5183.72	5192.80	5201.88	5210.96	5220.04	5229.12	5238.20	5247.28	5256.36	5265.44	5274.52	5283.60	5292.68	5301.76	5310.84	5319.92	5329.00	5338.08	5347.16	5356.24	5365.32	5374.40	5383.48	5392.56	5401.64	5410.72	5419.80	5428.88	5437.96	5447.04	5456.12	5465.20	5474.28	5483.36	5492.44	5501.52	5510.60	5519.68	5528.76	5537.84	5546.92	5556.00	5565.08	5574.16	5583.24	5592.32	5601.40	5610.48	5619.56	5628.64	5637.72	5646.80	5655.88	5664.96	5674.04	5683.12	5692.20	5701.28	5710.36	5719.44	5728.52	5737.60	5746.68	5755.76	5764.84	5773.92	5783.00	5792.08	5801.16	5810.24	5819.32	5828.40	5837.48	5846.56	5855.64	5864.72	5873.80	5882.88	5891.96	5901.04	5910.12	5919.20	5928.28	5937.36	5946.44	5955.52	5964.60	5973.68	5982.76	5991.84	6000.92	6010.00	6019.08	6028.16	6037.24	6046.32	6055.40	6064.48	6073.56	6082.64	6091.72	6100.80	6109.88	6118.96	6128.04	6137.12	6146.20	6155.28	6164.36	6173.44	6182.52	6191.60	6200.68	6209.76	6218.84	6227.92	6237.00	6246.08	6255.16	6264.24	6273.32	6282.40	6291.48	6300.56	6309.64	6318.72	6327.80	6336.88	6345.96	6355.04	6364.12	6373.20	6382.28	6391.36	6400.44	6409.52	6418.60	6427.68	6436.76	6445.84	6454.92	6464.00	6473.08	6482.16	6491.24	6500.32	6509.40	6518.48	6527.56	6536.64	6545.72	6554.80	6563.88	6572.96	6582.04	6591.12	6600.20	6609.28	6618.36	6627.44	6636.52	6645.60	6654.68	6663.76	6672.84	6681.92	6691.00	6700.08	6709.16	6718.24	6727.32	6736.40	6745.48	6754.56	6763.64	6772.72	6781.80	6790.88	6800.00	6809.08	6818.16	6827.24	6836.32	6845.40	6854.48	6863.56	6872.64	6881.72	6890.80	6900.00	6909.08	6918.16	6927.24	6936.32	6945.40	6954.48	6963.56	6972.64	6981.72	6990.80	7000.00	7009.08	7018.16	7027.24	7036.32	7045.40	7054.48	7063.56	7072.64	7081.72	7090.80	7100.00	7109.08	7118.16	7127.24	7136.32	7145.40	7154.48	7163.56	7172.64	7181.72	7190.80	7200.00	7209.08	7218.16	7227.24	7236.32	7245.40	7254.48	7263.56	7272.64	7281.72	7290.80	7300.00	7309.08	7318.16	7327.24	7336.32	7345.40	7354.48	7363.56	7372.64	7381.72	7390.80	7400.00	7409.08	7418.16	7427.24	7436.32	7445.40	7454.48	7463.56	7472.64	7481.72	7490.80	7500.00	7509.08	7518.16	7527.24	7536.32	7545.40	7554.48	7563.56	7572.64	7581.72	7590.80	7600.00	7609.08	7618.16	7627.24	7636.32	7645.40	7654.48	7663.56	7672.64	7681.72	7690.80	7700.00	7709.08	7718.16	7727.24	7736.32	7745.40	7754.48	7763.56	7772.64	7781.72	7790.80	7800.00	7809.08	7818.16	7827.24	7836.32	7845.40	7854.48	7863.56	7872.64	7881.72	7890.80	7900.00	7909.08	7918.16	7927.24	7936.32	7945.40	7954.48	7963.56	7972.64	7981.72	7990.80	8000.00

1750	V	1,166	113.38	120.39	128.85	136.82	144.45	151.87	159.12	166.27
(205.72)	U	876.234	2595.7	2637.6	2687.7	2734.5	2779.3	2822.7	2865.3	2907.4
	H	878.274	2794.1	2848.2	2913.2	2974.0	3032.1	3088.4	3143.7	3198.4
	S	2,3846	6,3853	6,4961	6,6233	6,7368	6,8405	6,9368	7,0273	7,1133
1800	V	1,168	110.32	116.69	124.99	132.78	140.24	147.48	154.55	161.51
(207.11)	U	882.472	2596.3	2635.5	2686.1	2733.3	2778.2	2821.8	2864.5	2906.7
	H	884.574	2794.8	2845.5	2911.0	2972.3	3030.7	3087.3	3142.7	3197.5
	S	2,3976	6,3751	6,4787	6,6071	6,7214	6,8257	6,9223	7,0131	7,0993
1850	V	1,170	107.41	113.19	121.33	128.96	136.26	143.33	150.23	157.02
(208.47)	U	888.585	2596.8	2633.3	2684.4	2732.0	2777.2	2820.9	2863.8	2906.1
	H	890.750	2795.5	2842.8	2908.9	2970.6	3029.3	3086.1	3141.7	3196.6
	S	2,4103	6,3651	6,4616	6,5912	6,7064	6,8112	6,9082	6,9993	7,0856
1900	V	1,172	104.65	109.87	117.87	125.35	132.49	139.39	146.14	152.76
(209.80)	U	894.590	2597.3	2631.2	2682.8	2730.7	2776.2	2820.1	2863.0	2905.4
	H	896.807	2796.1	2840.0	2906.7	2968.8	3027.9	3084.9	3140.7	3195.7
	S	2,4228	6,3554	6,4448	6,5757	6,6917	6,7970	6,8944	6,9857	7,0723
1950	V	1,174	102.031	106.72	114.58	121.91	128.90	135.66	142.25	148.72
(211.10)	U	900.461	2597.7	2629.0	2681.1	2729.4	2775.1	2819.2	2862.3	2904.8
	H	902.752	2796.7	2837.1	2904.6	2967.1	3026.5	3083.7	3139.7	3194.8
	S	2,4349	6,3459	6,4283	6,5604	6,6772	6,7831	6,8809	6,9725	7,0593
2000	V	1,177	99.536	103.72	111.45	118.65	125.50	132.11	138.56	144.89
(212.37)	U	906.236	2598.2	2626.9	2679.5	2728.1	2774.0	2818.3	2861.5	2904.1
	H	908.589	2797.2	2834.3	2902.4	2965.4	3025.0	3082.5	3138.6	3193.9
	S	2,4469	6,3366	6,4120	6,5454	6,6631	6,7696	6,8677	6,9596	7,0466
2100	V	1,181	94.890	98.147	105.64	112.59	119.18	125.53	131.70	137.76
(214.85)	U	917.479	2598.9	2622.4	2676.1	2725.4	2771.9	2816.5	2860.0	2902.8
	H	919.959	2798.2	2828.5	2897.9	2961.9	3022.2	3080.1	3136.6	3192.1
	S	2,4700	6,3187	6,3802	6,5162	6,6356	6,7432	6,8422	6,9347	7,0220
2200	V	1,185	90.652	93.067	100.35	107.07	113.43	119.53	125.47	131.28
(217.24)	U	928.346	2599.6	2617.9	2672.7	2722.7	2769.7	2814.7	2858.5	2901.5
	H	930.953	2799.1	2822.7	2893.4	2958.3	3019.3	3077.7	3134.5	3190.3
	S	2,4922	6,3015	6,3492	6,4879	6,6091	6,7179	6,8177	6,9107	6,9985
2300	V	1,189	86.769	88.420	95.513	102.03	108.18	114.06	119.77	125.36
(219.55)	U	938.866	2600.2	2613.3	2669.2	2720.0	2767.6	2812.9	2857.0	2900.2
	H	941.601	2799.8	2816.7	2888.9	2954.7	3016.4	3075.3	3132.4	3188.5
	S	2,5136	6,2849	6,3190	6,4605	6,5835	6,6935	6,7941	6,8877	6,9759

Tabla F.2. Vapor sobrecalentado, unidades SI (Continúa)

P (kPa)	t (°C)	liq. sat.	vap. sat.	TEMPERATURA: t °C (TEMPERATURA: T kelvins)										
				400	425	450	475	500	550	600	650			
1350 (193.35)	V	1.146	145.74	225.94	234.88	243.78	252.63	261.46	279.03	296.51	313.93			
	U	820.944	2589.9	2953.9	2995.5	3037.2	3079.2	3121.5	3207.1	3294.3	3383.0			
	H	822.491	2786.6	3259.0	3312.6	3366.3	3420.2	3474.4	3563.8	3694.5	3806.8			
	S	2.2676	6.4780	7.3221	7.4003	7.4759	7.5493	7.6205	7.7576	7.8882	8.0132			
1400 (195.04)	V	1.149	140.72	217.72	226.35	234.95	243.50	252.02	268.98	285.85	302.66			
	U	828.465	2590.8	2953.4	2994.9	3036.7	3078.7	3121.1	3206.8	3293.9	3382.7			
	H	830.074	2787.8	3258.2	3311.8	3365.6	3419.6	3473.9	3583.3	3694.1	3806.4			
	S	2.2837	6.4651	7.3045	7.3828	7.4585	7.5319	7.6032	7.7404	7.8710	7.9961			
1450 (196.69)	V	1.151	136.04	210.06	218.42	226.72	234.99	243.23	259.62	275.93	292.16			
	U	835.791	2591.6	2952.8	2994.4	3036.2	3078.3	3120.7	3206.4	3293.6	3382.4			
	H	837.460	2788.9	3257.4	3311.1	3365.0	3419.0	3473.3	3582.9	3693.7	3806.1			
	S	2.2993	6.4526	7.2874	7.3658	7.4416	7.5151	7.5865	7.7237	7.8545	7.9796			
1500 (198.29)	V	1.154	131.66	202.92	211.01	219.05	227.06	235.03	250.89	266.66	282.37			
	U	842.933	2592.4	2952.2	2993.9	3035.8	3077.9	3120.3	3206.0	3293.3	3382.1			
	H	844.663	2789.9	3256.6	3310.4	3364.3	3418.4	3472.8	3582.4	3693.3	3805.7			
	S	2.3145	6.4406	7.2709	7.3494	7.4253	7.4989	7.5703	7.7077	7.8385	7.9636			
1550 (199.85)	V	1.156	127.55	196.24	204.08	211.87	219.63	227.35	242.72	258.00	273.21			
	U	849.901	2593.2	2951.7	2993.4	3035.3	3077.4	3119.8	3205.7	3293.0	3381.9			
	H	851.694	2790.8	3255.8	3309.7	3363.7	3417.8	3472.2	3581.9	3692.9	3805.3			
	S	2.3292	6.4289	7.2550	7.3336	7.4095	7.4832	7.5547	7.6921	7.8230	7.9482			
1600 (201.37)	V	1.159	123.69	189.97	197.58	205.15	212.67	220.16	235.06	249.87	264.62			
	U	856.707	2593.8	2951.1	2992.9	3034.8	3077.0	3119.4	3205.3	3292.7	3381.6			
	H	858.561	2791.7	3255.0	3309.0	3363.0	3417.2	3471.7	3581.4	3692.5	3805.0			
	S	2.3436	6.4175	7.2394	7.3182	7.3942	7.4679	7.5395	7.6770	7.8080	7.9333			
1650 (202.86)	V	1.161	120.05	184.09	191.48	198.82	206.13	213.40	227.86	242.24	256.55			
	U	863.359	2594.5	2950.5	2992.3	3034.3	3076.5	3119.0	3205.0	3292.4	3381.3			
	H	865.275	2792.6	3254.2	3308.3	3362.4	3416.7	3471.1	3581.0	3692.1	3804.6			
	S	2.3576	6.4065	7.2244	7.3032	7.3794	7.4531	7.5248	7.6624	7.7934	7.9188			
1700 (204.31)	V	1.163	116.62	178.55	185.74	192.87	199.97	207.04	221.09	235.06	248.96			
	U	869.866	2595.1	2949.9	2991.8	3033.9	3076.1	3118.6	3204.6	3292.1	3381.0			
	H	871.843	2793.4	3253.5	3307.6	3361.7	3416.1	3470.6	3580.5	3691.7	3804.3			
	S	2.3713	6.3957	7.2098	7.2887	7.3649	7.4388	7.5105	7.6482	7.7793	7.9047			

V	1.166	113.38	173.32	180.32	187.26	194.17	201.04	214.71	228.28	241.80
U	876.234	2595.7	2949.3	2991.3	3033.4	3075.7	3118.2	3204.3	3291.8	3380.8
H	878.274	2794.1	3252.7	3306.9	3361.1	3415.5	3470.0	3580.0	3691.3	3803.9
S	2.3846	6.3853	7.1955	7.2746	7.3509	7.4248	7.4965	7.6344	7.7656	7.8910
V	1.168	110.32	168.39	175.20	181.97	188.69	195.38	208.68	221.89	235.03
U	882.472	2596.3	2948.8	2990.8	3032.9	3075.2	3117.8	3203.9	3291.5	3380.5
H	884.574	2794.8	3251.9	3306.1	3360.4	3414.9	3469.5	3579.5	3690.9	3803.6
S	2.3976	6.3751	7.1816	7.2608	7.3372	7.4112	7.4830	7.6209	7.7522	7.8777
V	1.170	107.41	163.73	170.37	176.96	183.50	190.02	202.97	215.84	228.64
U	888.585	2596.8	2948.2	2990.3	3032.4	3074.8	3117.4	3203.6	3291.1	3380.2
H	890.750	2795.5	3251.1	3305.4	3359.8	3414.3	3468.9	3579.1	3690.4	3803.2
S	2.4103	6.3651	7.1681	7.2474	7.3239	7.3980	7.4698	7.6079	7.7392	7.8648
V	1.172	104.65	159.30	165.78	172.21	178.59	184.94	197.57	210.11	222.58
U	894.580	2597.3	2947.6	2989.7	3031.9	3074.3	3117.0	3203.2	3290.8	3380.0
H	896.807	2796.1	3250.3	3304.7	3359.1	3413.7	3468.4	3578.6	3690.0	3802.8
S	2.4228	6.3554	7.1550	7.2344	7.3109	7.3851	7.4570	7.5951	7.7265	7.8522
V	1.174	102.031	155.11	161.43	167.70	173.93	180.13	192.44	204.67	216.83
U	900.461	2597.7	2947.0	2989.2	3031.5	3073.9	3116.6	3202.9	3290.5	3379.7
H	902.752	2796.7	3249.5	3304.0	3358.5	3413.1	3467.8	3578.1	3689.6	3802.5
S	2.4349	6.3459	7.1421	7.2216	7.2983	7.3725	7.4445	7.5827	7.7142	7.8399
V	1.177	99.536	151.13	157.30	163.42	169.51	175.55	187.57	199.50	211.36
U	906.236	2598.2	2946.4	2988.7	3031.0	3073.5	3116.2	3202.5	3290.2	3379.4
H	908.589	2797.2	3248.7	3303.3	3357.8	3412.5	3467.3	3577.6	3689.2	3802.1
S	2.4469	6.3366	7.1296	7.2092	7.2859	7.3602	7.4323	7.5706	7.7022	7.8279
V	1.181	94.890	143.73	149.63	155.48	161.28	167.06	178.53	189.91	201.22
U	917.479	2598.9	2945.3	2987.6	3030.0	3072.6	3115.3	3201.8	3289.0	3378.3
H	919.959	2798.2	3247.1	3301.8	3356.5	3411.3	3466.2	3576.7	3688.4	3801.4
S	2.4700	6.3187	7.1053	7.1851	7.2621	7.3365	7.4087	7.5472	7.6789	7.8048
V	1.185	90.652	137.00	142.65	148.25	153.81	159.34	170.30	181.19	192.00
U	928.346	2599.6	2944.1	2986.6	3029.1	3071.7	3114.5	3201.1	3289.0	3378.3
H	930.953	2799.1	3245.5	3300.4	3355.2	3410.1	3465.1	3575.7	3687.6	3800.7
S	2.4922	6.3015	7.0821	7.1621	7.2393	7.3139	7.3862	7.5249	7.6568	7.7827
V	1.189	86.769	130.85	136.28	141.65	146.99	152.28	162.80	173.22	183.58
U	938.866	2600.2	2942.9	2985.5	3028.1	3070.8	3113.7	3200.4	3288.3	3377.8
H	941.601	2799.8	3243.9	3299.0	3353.9	3408.9	3464.0	3574.8	3686.7	3800.0
S	2.5136	6.2849	7.0598	7.1401	7.2174	7.2922	7.3646	7.5035	7.6355	7.7616

Tabla F.2. Vapor sobrecalentado, unidades SI (Continúa)

PMPa (P °C)	liq.		vap.		225	250	275	300	325	350	375	400
	sat.	sat.	sat.	sat.	(498.15)	(523.15)	(548.15)	(573.15)	(598.15)	(623.15)	(648.15)	(673.15)
V	1.193	83.199	84.149	91.075	97.411	103.36	109.05	114.55	119.93	125.22	129.93	135.22
U	949.066	2600.7	2608.6	2665.6	2717.3	2765.4	2811.1	2855.4	2898.8	2941.7	2984.6	3027.5
H	951.929	2800.4	2810.6	2884.2	2951.1	3013.4	3072.8	3130.4	3186.7	3242.3	3297.9	3353.5
S	2.5343	6.2690	6.2894	6.4338	6.5586	6.6699	6.7714	6.8656	6.9542	7.0384	7.1188	7.2000
V	1.197	79.905	80.210	86.985	93.154	98.925	104.43	109.75	114.94	120.04	125.04	130.04
U	958.969	2601.2	2603.8	2662.0	2714.5	2763.1	2809.3	2853.9	2897.5	2940.6	2983.2	3025.8
H	961.962	2800.9	2804.3	2879.5	2947.4	3010.4	3070.4	3128.2	3184.8	3240.7	3296.1	3351.5
S	2.5543	6.2536	6.2604	6.4077	6.5345	6.6470	6.7494	6.8442	6.9333	7.0178	7.1000	7.1833
V	1.201	76.856	.....	83.205	89.220	94.830	100.17	105.32	110.33	115.26	120.14	125.00
U	968.597	2601.5	.....	2658.4	2711.7	2760.9	2807.4	2852.3	2896.1	2939.4	2982.2	3025.0
H	971.720	2801.4	.....	2874.7	2943.6	3007.4	3067.9	3126.1	3183.0	3239.0	3294.4	3349.8
S	2.5736	6.2387	.....	6.3823	6.5110	6.6249	6.7281	6.8236	6.9131	6.9979	7.0800	7.1633
V	1.205	74.025	.....	79.698	85.575	91.036	96.218	101.21	106.07	110.83	115.50	120.14
U	977.968	2601.8	.....	2654.7	2708.8	2758.6	2805.6	2850.7	2894.8	2938.2	2981.1	3024.0
H	981.222	2801.7	.....	2869.9	2939.8	3004.4	3065.4	3124.0	3181.2	3237.4	3293.2	3349.0
S	2.5924	6.2244	.....	6.3575	6.4882	6.6034	6.7075	6.8036	6.8935	6.9787	7.0600	7.1433
V	1.209	71.389	.....	76.437	82.187	87.510	92.550	97.395	102.10	106.71	111.26	115.83
U	987.100	2602.1	.....	2650.9	2705.9	2756.3	2803.7	2849.2	2893.4	2937.0	2980.2	3023.4
H	990.485	2802.0	.....	2864.9	2936.0	3001.3	3062.8	3121.9	3179.3	3235.8	3292.2	3348.6
S	2.61036	6.2104	.....	6.3331	6.4659	6.5824	6.6875	6.7842	6.8746	6.9601	7.0433	7.1266
V	1.213	68.928	.....	73.395	79.029	84.226	89.133	93.843	98.414	102.88	107.26	111.64
U	996.008	2602.3	.....	2647.1	2702.9	2754.0	2801.8	2847.6	2892.0	2935.8	2979.2	3022.6
H	999.524	2802.2	.....	2859.9	2932.1	2998.2	3060.3	3119.7	3177.4	3234.1	3290.2	3346.3
S	2.6283	6.1969	.....	6.3092	6.4441	6.5621	6.6681	6.7654	6.8563	6.9421	7.0266	7.1111
V	1.216	66.626	.....	70.551	76.078	81.159	85.943	90.526	94.969	99.310	103.561	107.712
U	1004.7	2602.4	.....	2643.2	2700.0	2751.6	2799.9	2846.0	2890.7	2934.6	2978.0	3021.4
H	1008.4	2802.3	.....	2854.8	2928.2	2995.1	3057.7	3117.5	3175.6	3232.5	3289.3	3346.1
S	2.6455	6.1837	.....	6.2857	6.4228	6.5422	6.6491	6.7471	6.8385	6.9246	7.0091	7.0936
V	1.220	64.467	.....	67.885	73.315	78.287	82.958	87.423	91.745	95.965	100.085	104.105
U	1013.2	2602.5	.....	2639.2	2697.0	2749.2	2797.9	2844.3	2889.3	2933.4	2977.4	3021.4
H	1017.0	2802.3	.....	2849.6	2924.2	2991.9	3055.1	3115.4	3173.7	3230.8	3287.4	3344.0
S	2.6623	6.1709	.....	6.2626	6.4019	6.5227	6.6307	6.7294	6.8212	6.9077	6.9900	7.0723

3200 (237.45)	V	1,224	62,439	65,380	70,721	75,593	80,158	84,513	88,723	92,829
	U	1031.5	2602.5	2635.2	2693.9	2746.8	2796.0	2842.7	2887.9	2932.1
	H	1025.4	2802.3	2844.4	2920.2	2988.7	3052.5	3113.2	3171.8	3229.2
	S	2,6786	6,1585	6,2398	6,3815	6,5037	6,6127	6,7120	6,8043	6,8912
3300 (239.18)	V	1,227	60,529	63,021	68,282	73,061	77,526	81,778	85,883	89,883
	U	1029.7	2602.5	2631.1	2690.8	2744.4	2794.0	2841.1	2886.5	2930.9
	H	1033.7	2802.3	2839.0	2916.1	2985.5	3049.9	3110.9	3169.9	3227.5
	S	2,6945	6,1463	6,2173	6,3614	6,4851	6,5951	6,6952	6,7879	6,8752
3400 (240.88)	V	1,231	58,728	60,796	65,982	70,675	75,048	79,204	83,210	87,110
	U	1037.6	2602.5	2622.7	2687.7	2741.9	2792.0	2839.4	2885.1	2929.7
	H	1041.8	2802.1	2833.6	2912.0	2982.2	3047.2	3108.7	3168.0	3225.9
	S	2,7101	6,1344	6,1951	6,3416	6,4669	6,5779	6,6787	6,7719	6,8595
3500 (242.54)	V	1,235	57,025	58,693	63,812	68,424	72,710	76,776	80,689	84,494
	U	1045.4	2602.4	2622.7	2684.5	2739.5	2790.0	2837.8	2883.7	2928.4
	H	1049.8	2802.0	2828.1	2907.8	2979.0	3044.5	3106.5	3166.1	3224.2
	S	2,7253	6,1228	6,1732	6,3221	6,4491	6,5611	6,6626	6,7563	6,8443
3600 (244.16)	V	1,238	55,415	56,702	61,759	66,297	70,501	74,482	78,308	82,024
	U	1053.1	2602.2	2618.4	2681.3	2737.0	2788.0	2836.1	2882.3	2927.2
	H	1057.6	2801.7	2822.5	2903.6	2975.6	3041.8	3104.2	3164.2	3222.5
	S	2,7401	6,1115	6,1514	6,3030	6,4315	6,5446	6,6468	6,7411	6,8294
3700 (245.75)	V	1,242	53,888	54,812	59,814	64,282	68,410	72,311	76,055	79,687
	U	1060.6	2602.1	2614.0	2678.0	2734.4	2786.0	2834.4	2880.8	2926.0
	H	1065.2	2801.4	2816.8	2899.3	2972.3	3039.1	3102.0	3162.2	3220.8
	S	2,7547	6,1004	6,1299	6,2841	6,4143	6,5284	6,6314	6,7262	6,8149
3800 (247.31)	V	1,245	52,438	53,017	57,968	62,372	66,429	70,254	73,920	77,473
	U	1068.0	2601.9	2609.5	2674.7	2731.9	2783.9	2832.7	2879.4	2924.7
	H	1072.7	2801.1	2811.0	2895.0	2968.9	3036.4	3099.7	3160.3	3219.1
	S	2,7689	6,0896	6,1085	6,2654	6,3973	6,5126	6,6163	6,7117	6,8007
3900 (248.84)	V	1,249	51,061	51,308	56,215	60,558	64,547	68,302	71,894	75,372
	U	1075.3	2601.6	2605.0	2671.4	2729.3	2781.9	2831.0	2877.9	2923.5
	H	1080.1	2800.8	2805.1	2890.6	2965.5	3033.6	3097.4	3158.3	3217.4
	S	2,7828	6,0789	6,0872	6,2470	6,3806	6,4970	6,6015	6,6974	6,7868
4000 (250.33)	V	1,252	49,749	50,000	54,546	58,833	62,759	66,446	69,969	73,376
	U	1082.4	2601.3	2668.0	2668.0	2726.7	2779.8	2829.3	2876.5	2922.2
	H	1087.4	2800.3	2886.1	2886.1	2962.0	3030.8	3095.1	3156.4	3215.7
	S	2,7965	6,0685	6,0700	6,2288	6,3642	6,4817	6,5970	6,6834	6,7733

Tabla F.2. Vapor sobrecalentado, unidades SI (Continúa)

P (kPa)	t (°C)	v _g	v _f	TEMPERATURA, T °C (TEMPERATURA, T kelvins)										
				425	450	475	500	525	550	600	650			
2400 (221.78)	V	1.193	83.199	130.44	135.61	140.73	145.82	150.88	155.91	165.92	175.86			
	U	949.066	2600.7	2984.5	3027.1	3069.9	3112.9	3156.1	3199.6	3287.7	3377.2			
	H	951.929	2800.4	3297.5	3352.6	3407.7	3462.9	3518.2	3573.8	3685.9	3799.3			
2500 (223.94)	S	2.5343	6.2690	7.1189	7.1964	7.2713	7.3439	7.4144	7.4830	7.6152	7.7414			
	V	1.197	79.905	125.07	130.04	134.97	139.87	144.74	149.58	159.21	168.76			
	U	958.969	2601.2	2983.4	3026.2	3069.0	3112.1	3155.4	3198.9	3287.1	3376.7			
2600 (226.04)	H	961.962	2800.9	3296.1	3351.3	3406.5	3461.7	3517.2	3572.9	3685.1	3799.6			
	S	2.5543	6.2536	7.0986	7.1763	7.2513	7.3240	7.3946	7.4633	7.5956	7.7220			
	V	1.201	76.856	120.11	124.91	129.66	134.38	139.07	143.74	153.01	162.21			
2700 (228.07)	U	968.597	2601.8	2982.3	3025.2	3068.1	3111.2	3154.6	3198.2	3286.5	3376.1			
	H	971.720	2801.4	3294.6	3349.9	3405.3	3460.6	3516.2	3571.9	3684.3	3797.9			
	S	2.5736	6.2387	7.0789	7.1568	7.2320	7.3048	7.3755	7.4443	7.5768	7.7033			
2800 (230.05)	V	1.205	74.025	115.52	120.15	124.74	129.30	133.82	138.33	147.27	156.14			
	U	977.968	2601.8	2981.2	3024.2	3067.2	3110.4	3153.8	3197.5	3285.8	3375.6			
	H	981.222	2801.7	3293.1	3348.6	3404.0	3459.5	3515.2	3571.0	3683.5	3797.1			
2900 (231.97)	S	2.5924	6.2244	7.0600	7.1381	7.2134	7.2863	7.3571	7.4260	7.5587	7.6853			
	V	1.209	71.389	111.25	115.74	120.17	124.58	128.95	133.30	141.94	150.50			
	U	987.100	2602.1	2980.2	3023.2	3066.3	3109.6	3153.1	3196.8	3285.2	3375.0			
3000 (233.84)	H	990.485	2802.0	3291.7	3347.3	3402.8	3458.4	3514.1	3570.0	3682.6	3796.4			
	S	2.6106	6.2104	7.0416	7.1199	7.1954	7.2685	7.3394	7.4084	7.5412	7.6679			
	V	1.213	68.928	107.28	111.62	115.92	120.18	124.42	128.62	136.97	145.26			
3100 (235.67)	U	996.008	2602.3	2979.1	3022.3	3065.5	3108.8	3152.3	3196.1	3284.6	3374.5			
	H	999.524	2802.2	3290.2	3346.0	3401.6	3457.3	3513.1	3569.1	3681.8	3795.7			
	S	2.6283	6.1969	7.0239	7.1024	7.1780	7.2512	7.3222	7.3913	7.5243	7.6511			
3200 (237.50)	V	1.216	66.626	103.58	107.79	111.95	116.08	120.18	124.26	132.34	140.36			
	U	1004.7	2602.4	2978.0	3021.3	3064.6	3107.9	3151.5	3195.4	3284.0	3373.9			
	H	1008.4	2802.3	3288.7	3344.6	3400.4	3456.2	3512.1	3568.1	3681.0	3795.0			
3300 (239.27)	S	2.6455	6.1837	7.0067	7.0854	7.1612	7.2345	7.3056	7.3748	7.5079	7.6349			
	V	1.220	64.467	100.11	104.20	108.24	112.24	116.22	120.17	128.01	135.78			
	U	1013.2	2602.5	2976.9	3020.3	3063.7	3107.1	3150.8	3194.7	3283.3	3373.4			
3400 (241.07)	H	1017.0	2802.3	3287.3	3343.3	3399.2	3455.1	3511.0	3567.2	3680.2	3794.3			
	S	2.6623	6.1709	6.9900	7.0689	7.1448	7.2183	7.2895	7.3588	7.4920	7.6191			

3200	V	1,224	62,439	96,859	100.83	104.76	108.65	112.51	116.34	123.95	131.48
(237.45)	U	1021.5	2602.5	2975.9	3019.3	3062.8	3106.3	3150.0	3193.9	3282.7	3372.8
	H	1025.4	2802.3	3285.8	3342.0	3398.0	3454.0	3510.0	3566.2	3679.3	3793.6
	S	2,6786	6,1585	6,9738	7,0528	7,1290	7,2026	7,2739	7,3433	7,4767	7,6039
3300	V	1,227	60,529	93,805	97,668	101.49	105.27	109.02	112.74	120.13	127.45
(239.18)	U	1029.7	2602.5	2974.8	3018.3	3061.9	3105.5	3149.2	3193.2	3282.1	3372.3
	H	1033.7	2802.3	3284.3	3340.6	3396.8	3452.8	3509.0	3565.3	3678.5	3792.9
	S	2,6945	6,1463	6,9580	7,0373	7,1136	7,1873	7,2588	7,3282	7,4618	7,5891
3400	V	1,231	58,728	90,930	94,692	98.408	102.09	105.74	109.36	116.54	123.65
(240.88)	U	1037.6	2602.5	2973.7	3017.4	3061.0	3104.6	3148.4	3192.5	3281.5	3371.7
	H	1041.8	2802.1	3282.8	3339.3	3395.5	3451.7	3507.9	3564.3	3677.7	3792.1
	S	2,7101	6,1344	6,9426	7,0221	7,0986	7,1724	7,2440	7,3136	7,4473	7,5747
3500	V	1,235	57,025	88,220	91,886	95.505	99.088	102.64	106.17	113.15	120.07
(242.54)	U	1045.4	2602.4	2972.6	3016.4	3060.1	3103.8	3147.7	3191.8	3280.8	3371.2
	H	1049.8	2802.0	3281.3	3338.0	3394.3	3450.6	3506.9	3563.4	3676.9	3791.4
	S	2,7253	6,1228	6,9277	7,0074	7,0840	7,1580	7,2297	7,2993	7,4332	7,5607
3600	V	1,238	55,415	85,660	89,236	92,764	96,255	99,716	103,15	109,96	116,69
(244.16)	U	1053.1	2602.2	2971.5	3015.4	3059.2	3103.0	3146.9	3191.1	3280.2	3370.6
	H	1057.6	2801.7	3279.8	3336.6	3393.1	3449.5	3505.9	3562.4	3676.1	3790.7
	S	2,7401	6,1115	6,9131	6,9930	7,0698	7,1439	7,2157	7,2854	7,4195	7,5471
3700	V	1,242	53,888	83,238	86,728	90,171	93,576	96,950	100,30	106,93	113,49
(245.75)	U	1060.6	2602.1	2970.4	3014.4	3058.2	3102.1	3146.1	3190.4	3279.6	3370.1
	H	1065.2	2801.4	3278.4	3335.3	3391.9	3448.4	3504.9	3561.5	3675.2	3790.0
	S	2,7547	6,1004	6,8989	6,9790	7,0559	7,1302	7,2021	7,2719	7,4061	7,5339
3800	V	1,245	52,438	80,944	84,353	87,714	91,038	94,330	97,596	104,06	110,46
(247.31)	U	1068.0	2601.9	2969.3	3013.4	3057.3	3101.3	3145.4	3189.6	3279.0	3369.5
	H	1072.7	2801.1	3276.8	3333.9	3390.7	3447.2	3503.8	3560.5	3674.4	3789.3
	S	2,7689	6,0896	6,8849	6,9653	7,0424	7,1168	7,1888	7,2587	7,3931	7,5210
3900	V	1,249	51,061	78,767	82,099	85,383	88,629	91,844	95,033	101,35	107,59
(248.84)	U	1075.3	2601.6	2968.2	3012.4	3056.4	3100.5	3144.6	3188.9	3278.3	3369.0
	H	1080.1	2800.8	3275.3	3332.6	3389.4	3446.1	3502.8	3559.5	3673.6	3788.6
	S	2,7828	6,0789	6,8713	6,9519	7,0292	7,1037	7,1759	7,2459	7,3804	7,5084
4000	V	1,252	49,749	76,698	79,958	83,169	86,341	89,483	92,598	98,763	104,86
(250.33)	U	1082.4	2601.3	2967.0	3011.4	3055.5	3099.6	3143.8	3188.2	3277.7	3368.4
	H	1087.4	2800.3	3273.8	3331.2	3388.2	3445.0	3501.7	3558.6	3672.8	3787.9
	S	2,7965	6,0685	6,8581	6,9388	7,0163	7,0909	7,1632	7,2333	7,3680	7,4961

Tabla F.2. Vapor sobrecalentado, unidades SI (Continúa)

MPa (10^6 Pa)	liq. sat.	vap. sat.	TEMPERATURA: t °C (TEMPERATURA: T kelvins)											
			260 (533.15)	275 (548.15)	300 (573.15)	325 (598.15)	350 (623.15)	375 (648.15)	400 (673.15)	425 (698.15)				
4100 (251.80)	V	48.500	50.150	52.955	57.191	61.057	64.680	68.137	71.476	74.730				
	U	2601.0	2624.6	2664.5	2724.0	2777.7	2827.6	2875.0	2920.9	2965.9				
	H	2799.9	2830.3	2881.6	2958.5	3028.0	3092.8	3154.4	3214.0	3272.3				
4200 (253.24)	S	6.0583	6.1157	6.2107	6.3480	6.4667	6.5727	6.6697	6.7600	6.8450				
	V	1.259	48.654	51.438	55.625	59.435	62.998	66.392	69.667	72.856				
	U	1096.3	2600.7	2620.4	2721.4	2775.6	2825.8	2873.6	2919.7	2964.8				
4300 (254.66)	H	1101.6	2799.4	2824.8	2955.0	3025.2	3090.4	3152.4	3212.3	3270.8				
	S	2.8231	6.0482	6.0962	6.1929	6.4519	6.5587	6.6563	6.7469	6.8323				
	V	1.262	46.168	49.988	54.130	57.887	61.393	64.728	67.942	71.069				
4400 (256.05)	U	1103.1	2600.3	2616.2	2718.7	2773.4	2824.1	2872.1	2918.4	2963.7				
	H	1108.5	2798.9	2819.2	2951.4	3022.3	3088.1	3150.4	3210.5	3269.3				
	S	2.8360	6.0383	6.0768	6.1752	6.4373	6.5450	6.6431	6.7341	6.8198				
4500 (257.41)	V	1.266	45.079	48.853	52.702	56.409	59.861	63.139	66.295	69.363				
	U	1109.8	2599.9	2611.8	2716.0	2771.3	2822.3	2870.6	2917.1	2962.5				
	H	1115.4	2798.3	2813.6	2947.8	3019.5	3085.7	3148.4	3208.8	3267.7				
4600 (258.75)	S	2.8487	6.0286	6.0575	6.1577	6.4230	6.5315	6.6301	6.7216	6.8076				
	V	1.269	44.037	47.273	51.336	54.996	58.396	61.620	64.721	67.732				
	U	1116.4	2599.5	2607.4	2713.2	2769.1	2820.5	2869.1	2915.8	2961.4				
4700 (260.07)	H	1122.1	2797.7	2807.9	2944.2	3016.6	3083.3	3146.4	3207.1	3266.2				
	S	2.8612	6.0191	6.0382	6.1403	6.4088	6.5182	6.6174	6.7093	6.7955				
	V	1.272	43.038	46.000	50.027	53.643	56.994	60.167	63.215	66.172				
4800 (261.37)	U	1122.9	2599.1	2602.9	2710.4	2766.9	2818.7	2867.6	2914.5	2960.3				
	H	1128.8	2797.0	2802.0	2940.5	3013.7	3080.9	3144.4	3205.3	3264.7				
	S	2.8735	6.0097	6.0190	6.1230	6.3949	6.5050	6.6049	6.6972	6.7838				
4900 (262.63)	V	1.276	42.081	44.778	48.772	52.346	55.651	58.775	61.773	64.679				
	U	1129.3	2598.6	2604.2	2707.6	2764.7	2816.9	2866.1	2913.2	2959.1				
	H	1135.3	2796.4	2803.3	2936.8	3010.7	3078.5	3142.3	3203.6	3263.1				
5000 (263.89)	S	2.8855	6.0004	6.1058	6.2549	6.3811	6.4921	6.5926	6.6853	6.7722				
	V	1.279	41.161	43.604	47.569	51.103	54.364	57.441	60.390	63.247				
	U	1135.6	2598.1	2603.1	2704.8	2762.5	2815.1	2864.6	2911.9	2958.0				
5100 (265.15)	H	1141.8	2795.7	2804.4	2933.1	3007.8	3076.1	3140.3	3201.8	3261.6				
	S	2.8974	5.9913	6.0887	6.2399	6.3675	6.4794	6.5805	6.6736	6.7608				

V	1,282	40,278	42,475	46,412	49,909	53,128	56,161	59,064	61,874
U	1,141.9	2597.6	2635.2	2701.9	2760.2	2813.3	2863.0	2910.6	2956.9
H	1,148.2	2794.9	2843.3	2929.3	3004.8	3073.6	3138.2	3200.0	3256.0
S	2,909.1	5,982.3	6,071.7	6,225.2	6,354.1	6,466.9	6,568.5	6,662.1	6,749.6
V	1,286	39,429	41,388	45,301	48,762	51,941	54,932	57,791	60,555
U	1,148.0	2597.0	2631.3	2699.0	2758.0	2811.5	2861.5	2909.3	2955.7
H	1,154.5	2794.2	2838.2	2925.5	3001.8	3071.2	3136.2	3198.3	3258.5
S	2,920.6	5,973.5	6,054.7	6,210.5	6,340.8	6,454.5	6,556.8	6,650.8	6,738.6
V	1,289	38,611	40,340	44,231	47,660	50,801	53,750	56,567	59,288
U	1,154.1	2596.5	2627.3	2696.1	2755.7	2809.6	2860.0	2908.0	2954.5
H	1,160.7	2793.4	2833.1	2921.7	2998.7	3068.7	3134.1	3196.5	3256.9
S	2,931.9	5,964.8	6,037.8	6,196.0	6,327.7	6,442.3	6,545.2	6,639.6	6,727.8
V	1,292	37,824	39,330	43,201	46,599	49,703	52,614	55,390	58,070
U	1,160.1	2595.3	2623.3	2693.1	2753.4	2807.8	2858.4	2906.7	2953.4
H	1,166.8	2792.6	2827.8	2917.8	2995.7	3066.2	3132.0	3194.7	3255.4
S	2,943.1	5,956.1	6,021.0	6,181.5	6,314.7	6,430.2	6,533.8	6,628.7	6,717.2
V	1,296	37,066	38,354	42,209	45,577	48,647	51,520	54,257	56,897
U	1,166.1	2595.3	2619.2	2690.1	2751.0	2805.9	2856.9	2905.3	2952.2
H	1,172.9	2791.7	2822.5	2913.8	2992.6	3063.7	3129.9	3192.9	3253.8
S	2,954.1	5,947.6	6,004.1	6,167.2	6,301.8	6,418.3	6,522.5	6,617.9	6,706.7
V	1,299	36,334	37,411	41,251	44,591	47,628	50,466	53,166	55,768
U	1,171.9	2594.6	2615.0	2687.1	2748.7	2804.0	2853.3	2904.0	2951.1
H	1,178.9	2790.8	2817.0	2909.8	2989.5	3061.2	3127.8	3191.1	3252.2
S	2,965.0	5,939.2	5,987.3	6,153.0	6,289.1	6,406.6	6,511.4	6,607.2	6,696.3
V	1,302	35,628	36,499	40,327	43,641	46,647	49,450	52,115	54,679
U	1,177.7	2594.0	2610.8	2684.0	2746.3	2802.1	2853.7	2902.7	2949.9
H	1,184.9	2789.9	2811.5	2905.8	2986.4	3058.7	3125.7	3189.3	3250.6
S	2,975.7	5,930.9	5,970.5	6,138.6	6,276.5	6,394.9	6,500.4	6,596.7	6,686.2
V	1,306	34,946	35,617	39,434	42,724	45,700	48,470	51,100	53,630
U	1,183.5	2593.3	2606.5	2680.9	2744.0	2800.2	2852.1	2901.3	2948.7
H	1,190.8	2789.0	2805.9	2901.7	2983.2	3056.1	3123.6	3187.5	3249.0
S	2,986.3	5,922.7	5,953.7	6,124.8	6,264.0	6,383.4	6,489.6	6,586.3	6,676.1
V	1,309	34,288	34,761	38,571	41,838	44,785	47,525	50,121	52,617
U	1,189.1	2592.6	2602.1	2677.8	2741.6	2798.3	2850.5	2899.9	2947.5
H	1,196.6	2788.0	2800.2	2897.6	2980.0	3053.5	3121.4	3185.6	3247.5
S	2,996.8	5,914.6	5,936.9	6,110.8	6,251.6	6,372.0	6,478.9	6,576.1	6,666.3

Tabla F.2. Vapor sobrecalentado, unidades SI (Continúa)

PMPa (t _{sat} /°C)	liq.		vap.		450	475	500	525	550	575	600	650
	sat.	sat.	sat.	sat.	(723.15)	(748.15)	(773.15)	(798.15)	(823.15)	(848.15)	(873.15)	(923.15)
4100 (251.80)	V	1.256	48.500	48.500	77.921	81.062	84.165	87.236	90.281	93.303	96.306	102.26
	U	1089.4	2601.0	2601.0	3010.4	3054.6	3098.8	3143.0	3187.5	3232.1	3277.1	3367.9
	H	1094.6	2799.9	2799.9	3329.9	3387.0	3443.9	3500.7	3557.6	3614.7	3671.9	3787.1
	S	2.8099	6.0583	6.0583	6.9260	7.0037	7.0785	7.1508	7.2210	7.2893	7.3558	7.4842
4200 (253.24)	V	1.259	47.307	47.307	75.981	79.056	82.092	85.097	88.075	91.030	93.966	99.787
	U	1096.3	2600.7	2600.7	3009.4	3053.7	3097.9	3142.3	3186.8	3231.5	3276.5	3367.3
	H	1101.6	2799.4	2799.4	3328.5	3385.7	3442.7	3499.7	3556.7	3613.8	3671.1	3786.4
	S	2.8231	6.0482	6.0482	6.9135	6.9913	7.0662	7.1387	7.2090	7.2774	7.3440	7.4724
4300 (254.66)	V	1.262	46.168	46.168	74.131	77.143	80.116	83.057	85.971	88.863	91.735	97.428
	U	1103.1	2600.3	2600.3	3008.4	3052.8	3097.1	3141.5	3186.0	3230.8	3275.8	3366.8
	H	1108.5	2798.9	2798.9	3327.1	3384.5	3441.6	3498.6	3555.7	3612.9	3670.3	3785.7
	S	2.8360	6.0383	6.0383	6.9012	6.9792	7.0543	7.1269	7.1973	7.2658	7.3324	7.4610
4400 (256.05)	V	1.266	45.079	45.079	72.365	75.317	78.229	81.110	83.963	86.794	89.605	95.177
	U	1109.8	2599.9	2599.9	3007.4	3051.9	3096.3	3140.7	3185.3	3230.1	3275.2	3366.2
	H	1115.4	2798.3	2798.3	3325.8	3383.3	3440.5	3497.6	3554.7	3612.0	3669.5	3785.0
	S	2.8487	6.0286	6.0286	6.8892	6.9674	7.0426	7.1153	7.1858	7.2544	7.3211	7.4498
4500 (257.41)	V	1.269	44.037	44.037	70.677	73.572	76.427	79.249	82.044	84.817	87.570	93.025
	U	1116.4	2599.5	2599.5	3006.3	3050.9	3095.4	3139.9	3184.6	3229.5	3274.6	3365.7
	H	1122.1	2797.7	2797.7	3324.4	3382.0	3439.3	3496.6	3553.8	3611.1	3668.6	3784.3
	S	2.8612	6.0191	6.0191	6.8774	6.9558	7.0311	7.1040	7.1746	7.2432	7.3100	7.4388
4600 (258.75)	V	1.272	43.038	43.038	69.063	71.903	74.702	77.469	80.209	82.926	85.623	90.967
	U	1122.9	2599.1	2599.1	3005.3	3050.0	3094.6	3139.2	3183.9	3228.8	3273.9	3365.1
	H	1128.8	2797.0	2797.0	3323.0	3380.8	3438.2	3495.5	3552.8	3610.2	3667.8	3783.6
	S	2.8735	6.0097	6.0097	6.8659	6.9444	7.0199	7.0928	7.1636	7.2323	7.2991	7.4281
4700 (260.07)	V	1.276	42.081	42.081	67.517	70.304	73.051	75.765	78.452	81.116	83.760	88.997
	U	1129.3	2598.6	2598.6	3004.3	3049.1	3093.7	3138.4	3183.1	3228.1	3273.3	3364.6
	H	1135.3	2796.4	2796.4	3321.6	3379.5	3437.1	3494.5	3551.9	3609.3	3667.0	3782.9
	S	2.8855	6.0004	6.0004	6.8545	6.9332	7.0089	7.0819	7.1527	7.2215	7.2885	7.4176
4800 (261.37)	V	1.279	41.161	41.161	66.036	68.773	71.469	74.132	76.768	79.381	81.973	87.109
	U	1135.6	2598.1	2598.1	3003.3	3048.2	3092.9	3137.6	3182.4	3227.4	3272.7	3364.0
	H	1141.8	2795.7	2795.7	3320.3	3378.3	3435.9	3493.4	3550.9	3608.5	3666.2	3782.1
	S	2.8974	5.9913	5.9913	6.8434	6.9223	6.9981	7.0712	7.1422	7.2110	7.2781	7.4072

TEMPERATURA: t °C
(TEMPERATURA: T kelvins)

4900	V	1,282	40,278	64,615	67,303	69,951	72,565	75,152	77,716	80,260	85,298
(262.65)	U	1,141.9	2597.6	3002.3	3047.2	3092.0	3136.8	3181.7	3226.8	3272.0	3363.5
	H	1,148.2	2794.9	3318.9	3377.0	3434.8	3492.4	3549.9	3607.6	3665.3	3781.4
	S	2,909.1	5,982.3	6,832.4	6,911.5	6,987.4	7,060.7	7,131.8	7,200.7	7,267.8	7,397.1
5000	V	1,286	39,429	63,250	65,893	68,494	71,061	73,602	76,119	78,616	83,559
(263.91)	U	1,148.0	2597.0	3001.2	3046.3	3091.2	3136.0	3181.0	3226.1	3271.4	3362.9
	H	1,154.5	2794.2	3317.5	3375.8	3433.7	3491.3	3549.0	3606.7	3664.5	3780.7
	S	2,920.6	5,973.5	6,821.7	6,900.9	6,977.0	7,050.4	7,121.5	7,190.6	7,257.8	7,387.2
5100	V	1,289	38,611	61,940	64,537	67,094	69,616	72,112	74,584	77,035	81,888
(265.15)	U	1,154.1	2596.5	3000.2	3045.4	3090.3	3135.3	3180.2	3225.4	3270.8	3362.4
	H	1,160.7	2793.4	3316.1	3374.5	3432.5	3490.3	3548.0	3605.8	3663.7	3780.0
	S	2,931.9	5,964.8	6,811.1	6,890.5	6,966.8	7,040.3	7,111.5	7,180.7	7,247.9	7,377.5
5200	V	1,292	37,824	60,679	63,234	65,747	68,227	70,679	73,108	75,516	80,282
(266.37)	U	1,160.1	2595.9	2999.2	3044.5	3089.5	3134.5	3179.5	3224.7	3270.2	3361.8
	H	1,166.8	2792.6	3314.7	3373.3	3431.4	3489.3	3547.1	3604.9	3662.8	3779.3
	S	2,943.1	5,956.1	6,800.7	6,880.3	6,956.7	7,030.4	7,101.7	7,170.9	7,238.2	7,367.9
5300	V	1,296	37,066	59,466	61,980	64,452	66,890	69,300	71,687	74,054	78,736
(267.58)	U	1,166.1	2595.3	2998.2	3043.5	3088.6	3133.7	3178.8	3224.1	3269.5	3361.3
	H	1,172.9	2791.7	3313.3	3372.0	3430.2	3488.2	3546.1	3604.0	3662.0	3778.6
	S	2,954.1	5,947.6	6,790.5	6,870.3	6,946.8	7,020.6	7,092.0	7,161.3	7,228.7	7,358.5
5400	V	1,299	36,334	58,297	60,772	63,204	65,603	67,973	70,320	72,646	77,248
(268.76)	U	1,171.9	2594.6	2997.1	3042.6	3087.8	3132.9	3178.1	3223.4	3268.9	3360.7
	H	1,178.9	2790.8	3311.9	3370.8	3429.1	3487.2	3545.1	3603.1	3661.2	3777.8
	S	2,965.0	5,939.2	6,780.4	6,860.4	6,937.1	7,011.0	7,082.5	7,151.9	7,219.4	7,349.3
5500	V	1,302	35,628	57,171	59,608	62,002	64,362	66,694	69,002	71,289	75,814
(269.93)	U	1,177.7	2594.0	2996.1	3041.7	3086.9	3132.1	3177.3	3222.7	3268.3	3360.2
	H	1,184.9	2789.9	3310.5	3369.5	3427.9	3486.1	3544.2	3602.2	3660.4	3777.1
	S	2,975.7	5,930.9	6,770.5	6,850.7	6,927.5	7,001.5	7,073.1	7,142.6	7,210.2	7,340.2
5600	V	1,306	34,946	56,085	58,486	60,843	63,165	65,460	67,731	69,981	74,491
(271.09)	U	1,183.5	2593.3	2995.0	3040.7	3086.1	3131.3	3176.6	3222.0	3267.6	3359.6
	H	1,190.8	2789.0	3309.1	3368.2	3426.8	3485.1	3543.2	3601.3	3659.5	3776.4
	S	2,986.3	5,922.7	6,760.7	6,841.1	6,918.1	6,992.2	7,063.9	7,133.5	7,201.1	7,331.3
5700	V	1,309	34,288	55,038	57,403	59,724	62,011	64,270	66,504	68,719	73,096
(272.22)	U	1,189.1	2592.6	2994.0	3039.8	3085.2	3130.5	3175.9	3221.3	3267.0	3359.1
	H	1,196.6	2788.0	3307.7	3367.0	3425.6	3484.0	3542.2	3600.4	3658.7	3775.7
	S	2,996.8	5,914.6	6,751.1	6,831.6	6,908.8	6,983.1	7,054.9	7,124.5	7,192.3	7,322.6

Tabla F.2. Vapor sobrecalentado, unidades SI (Continúa)

P/kPa (t"/°C)	V	U	H	S	liq. sat.	vap. sat.	TEMPERATURA: T °C (TEMPERATURA: T kelvins)										
							280 (553.15)	290 (563.15)	300 (573.15)	325 (598.15)	350 (623.15)	375 (648.15)	400 (673.15)	425 (698.15)			
5800 (273.35)	V	1.312	33.651	34.756	36.301	37.736	40.982	43.902	46.611	49.176	51.638	2898.6	2946.4	3183.8	3245.9	6.5660	6.6565
5900 (274.46)	U	1194.7	2591.9	2614.4	2645.7	2674.6	2739.1	2796.3	2848.9	2898.6	2946.4	3119.3	3183.8	3245.9	6.5660	6.6565	
6000 (275.55)	H	1202.3	2787.0	2816.0	2856.3	2893.5	2976.8	3051.0	3119.3	3183.8	3245.9	3419.3	3483.8	3545.9	6.5660	6.6565	
6100 (276.63)	S	3.0071	5.9066	5.9592	6.0314	6.0969	6.2393	6.3608	6.4683	6.5660	6.6565	6.7460	6.8355	6.9250	7.0145	7.1040	7.1935
6200 (277.70)	V	1.315	33.034	33.953	35.497	36.928	40.154	43.048	45.728	48.262	50.693	2897.2	2945.2	3182.0	3244.3	6.5560	6.6469
6300 (278.75)	U	1200.3	2591.1	2610.2	2642.1	2671.4	2736.7	2794.4	2847.3	2897.2	2945.2	3117.1	3182.0	3244.3	6.5560	6.6469	
6400 (279.79)	H	1208.0	2786.0	2810.5	2851.5	2889.3	2973.6	3048.4	3117.1	3182.0	3244.3	3419.3	3483.8	3545.9	6.5560	6.6469	
6500 (280.82)	S	3.0172	5.8986	5.9431	6.0166	6.0830	6.2272	6.3496	6.4578	6.5560	6.6469	6.7364	6.8259	6.9154	7.0049	7.0944	7.1839
6600 (281.85)	V	1.319	32.438	33.173	34.718	36.145	39.353	42.222	44.874	47.379	49.779	2895.8	2944.0	3180.1	3242.6	6.5462	6.6374
6700 (282.88)	U	1205.8	2590.4	2605.9	2638.4	2668.1	2734.2	2792.4	2845.7	2895.8	2944.0	3115.0	3180.1	3242.6	6.5462	6.6374	
6800 (283.91)	H	1213.7	2785.0	2804.9	2846.7	2885.0	2970.4	3045.8	3115.0	3180.1	3242.6	3419.3	3483.8	3545.9	6.5462	6.6374	
6900 (284.94)	S	3.0273	5.8908	5.9270	6.0017	6.0692	6.2151	6.3386	6.4475	6.5462	6.6374	6.7269	6.8164	6.9059	6.9954	7.0849	7.1744
7000 (285.97)	V	1.322	31.860	32.415	33.962	35.386	38.577	41.422	44.048	46.524	48.895	2894.5	2942.8	3178.3	3241.0	6.5364	6.6280
7100 (287.00)	U	1211.2	2589.6	2601.5	2634.6	2664.8	2731.7	2790.4	2844.1	2894.5	2942.8	3112.8	3178.3	3241.0	6.5364	6.6280	
7200 (288.03)	H	1219.3	2783.9	2799.3	2841.8	2880.7	2967.1	3043.1	3112.8	3178.3	3241.0	3419.3	3483.8	3545.9	6.5364	6.6280	
7300 (289.06)	S	3.0372	5.8830	5.9108	5.9869	6.0555	6.2031	6.3277	6.4373	6.5364	6.6280	6.7175	6.8070	6.8965	6.9860	7.0755	7.1650
7400 (290.09)	V	1.325	31.300	31.679	33.227	34.650	37.825	40.648	43.248	45.697	48.039	2893.1	2941.6	3176.4	3239.4	6.5268	6.6188
7500 (291.12)	U	1216.6	2588.8	2597.1	2630.8	2661.5	2729.2	2788.5	2842.4	2893.1	2941.6	3110.6	3176.4	3239.4	6.5268	6.6188	
7600 (292.15)	H	1224.8	2782.9	2793.5	2836.8	2876.3	2963.8	3040.5	3110.6	3176.4	3239.4	3419.3	3483.8	3545.9	6.5268	6.6188	
7700 (293.18)	S	3.0471	5.8753	5.8946	5.9721	6.0418	6.1911	6.3168	6.4272	6.5268	6.6188	6.7083	6.7978	6.8873	6.9768	7.0663	7.1558
7800 (294.21)	V	1.328	30.757	30.962	32.514	33.935	37.097	39.898	42.473	44.895	47.210	2891.7	2940.4	3174.5	3237.8	6.5173	6.6096
7900 (295.24)	U	1221.9	2588.0	2592.6	2626.9	2658.1	2726.7	2786.5	2840.8	2891.7	2940.4	3108.6	3174.5	3237.8	6.5173	6.6096	
8000 (296.27)	H	1230.3	2781.8	2787.6	2831.7	2871.9	2960.4	3037.8	3108.4	3174.5	3237.8	3419.3	3483.8	3545.9	6.5173	6.6096	
8100 (297.30)	S	3.0568	5.8677	5.8783	5.9573	6.0281	6.1793	6.3061	6.4172	6.5173	6.6096	6.6991	6.7886	6.8781	6.9676	7.0571	7.1466
8200 (298.33)	V	1.332	30.230	30.265	31.821	33.241	36.390	39.170	41.722	44.119	46.407	2890.3	2939.2	3172.7	3236.2	6.5079	6.6006
8300 (299.36)	U	1227.2	2587.2	2587.9	2623.0	2654.7	2724.2	2784.4	2839.1	2890.3	2939.2	3106.2	3172.7	3236.2	6.5079	6.6006	
8400 (300.39)	H	1235.7	2780.6	2781.6	2826.6	2867.5	2957.1	3035.1	3106.2	3172.7	3236.2	3419.3	3483.8	3545.9	6.5079	6.6006	
8500 (301.42)	S	3.0664	5.8601	5.8619	5.9425	6.0144	6.1675	6.2955	6.4072	6.5079	6.6006	6.6901	6.7796	6.8691	6.9586	7.0481	7.1376
8600 (302.45)	V	1.335	29.719	29.719	31.146	32.567	35.704	38.465	40.994	43.366	45.629	2888.9	2938.0	3170.8	3234.5	6.4986	6.5917
8700 (303.48)	U	1232.5	2586.3	2586.3	2619.0	2651.2	2721.6	2782.4	2837.5	2888.9	2938.0	3103.9	3170.8	3234.5	6.4986	6.5917	
8800 (304.51)	H	1241.1	2779.5	2782.9	2821.4	2862.9	2953.7	3032.4	3103.9	3170.8	3234.5	3419.3	3483.8	3545.9	6.4986	6.5917	
8900 (305.54)	S	3.0759	5.8527	5.8527	5.9277	6.0008	6.1558	6.2849	6.3974	6.4986	6.5917	6.6812	6.7707	6.8602	6.9497	7.0392	7.1287

6800 (281.84)	V	1,338	29,223	30,490	31,911	35,038	37,781	40,287	42,536	44,874
	U	1237.6	2585.5	2814.9	2647.7	2719.0	2780.4	2835.8	2887.5	2936.7
	H	1246.5	2778.3	2816.1	2858.4	2950.2	3029.7	3101.7	3168.9	3232.9
	S	3,085.3	5,845.2	5,912.9	5,987.2	6,144.2	6,274.4	6,387.7	6,489.4	6,582.8
6700 (282.84)	V	1,342	28,741	29,850	31,273	34,391	37,116	39,601	41,927	44,141
	U	1242.8	2584.6	2610.8	2644.2	2716.4	2776.2	2834.1	2886.1	2935.5
	H	1251.8	2777.1	2810.8	2853.7	2946.8	3027.0	3099.5	3167.0	3231.3
	S	3,094.6	5,837.9	5,898.0	5,973.6	6,132.6	6,264.0	6,378.1	6,480.3	6,574.1
6800 (283.84)	V	1,345	28,272	29,226	30,652	33,762	36,470	38,935	41,239	43,430
	U	1247.9	2583.7	2606.6	2640.6	2713.7	2776.2	2832.4	2884.7	2934.3
	H	1257.0	2775.9	2805.3	2849.0	2943.3	3024.2	3097.2	3165.1	3229.6
	S	3,103.8	5,830.6	5,883.0	5,959.9	6,121.1	6,253.7	6,368.6	6,471.3	6,565.5
7000 (285.79)	V	1,351	27,373	28,024	29,457	32,556	35,233	37,660	39,922	42,068
	U	1258.0	2581.8	2597.9	2633.2	2708.4	2772.1	2829.0	2881.8	2931.8
	H	1267.4	2773.5	2794.1	2839.4	2936.3	3018.7	3092.7	3161.2	3226.3
	S	3,121.9	5,816.2	5,853.0	5,932.7	6,098.2	6,233.3	6,349.7	6,453.6	6,548.5
7200 (287.70)	V	1,358	26,522	26,878	28,321	31,413	34,063	36,454	38,676	40,781
	U	1267.9	2579.9	2589.0	2625.6	2702.9	2767.8	2825.6	2878.9	2929.4
	H	1277.6	2770.9	2782.5	2829.5	2929.1	3013.1	3088.1	3157.4	3223.0
	S	3,139.7	5,802.0	5,822.6	5,905.4	6,075.5	6,213.2	6,331.2	6,436.2	6,531.9
7400 (289.57)	V	1,364	25,715	25,781	27,238	30,328	32,954	35,312	37,497	39,564
	U	1277.6	2578.0	2579.7	2617.8	2697.3	2763.5	2822.1	2876.0	2926.9
	H	1287.7	2768.3	2770.5	2819.3	2921.8	3007.4	3083.4	3153.5	3219.6
	S	3,157.1	5,788.0	5,791.9	5,877.9	6,053.0	6,193.3	6,313.0	6,419.0	6,515.6
7600 (291.41)	V	1,371	24,949	26,204	27,204	29,297	31,901	34,229	36,380	38,409
	U	1287.2	2575.9	2609.7	2691.7	2691.7	2759.2	2818.6	2873.1	2924.3
	H	1297.6	2765.5	2808.8	2914.3	2914.3	3001.6	3078.7	3149.6	3216.3
	S	3,174.2	5,774.2	5,850.3	5,850.3	6,030.6	6,173.7	6,295.0	6,402.2	6,499.6
7800 (293.21)	V	1,378	24,220	25,214	26,214	28,315	30,900	33,200	35,319	37,314
	U	1296.7	2573.8	2601.3	2685.9	2685.9	2754.8	2815.1	2870.1	2921.8
	H	1307.4	2762.8	2798.0	2906.7	2906.7	2995.8	3074.0	3145.6	3212.9
	S	3,191.1	5,760.5	5,822.4	5,822.4	6,008.2	6,154.2	6,277.3	6,385.7	6,483.9
8000 (294.97)	V	1,384	23,525	24,264	25,264	27,378	29,948	32,222	34,310	36,273
	U	1306.0	2571.7	2592.7	2692.7	2692.7	2750.3	2811.5	2867.1	2919.3
	H	1317.1	2759.9	2786.8	2899.0	2899.0	2989.9	3069.2	3141.6	3209.5
	S	3,207.6	5,747.1	5,794.2	5,794.2	5,986.0	6,134.9	6,259.9	6,369.4	6,468.4

Tabla F.2. Vapor sobrecalentado, unidades SI (Continúa)

PMPa (P^* /°C)	liq. sat.	vap. sat.	TEMPERATURA: T °C (TEMPERATURA: T kelvins)											
			450 (723.15)	475 (748.15)	500 (773.15)	525 (798.15)	550 (823.15)	575 (848.15)	600 (873.15)	650 (923.15)				
V	1.312	33.651	54.026	56.357	58.644	60.896	63.120	65.320	67.500	71.807				
U	1194.7	2591.9	2992.9	3038.8	3084.4	3129.8	3175.2	3220.7	3266.4	3358.5				
H	1202.3	2787.0	3306.3	3365.7	3424.5	3483.0	3541.2	3599.5	3657.9	3775.0				
S	3.0071	5.9066	6.7416	6.8223	6.8996	6.9740	7.0460	7.1157	7.1835	7.3139				
V	1.315	33.034	53.048	55.346	57.600	59.819	62.010	64.176	66.322	70.563				
U	1200.3	2591.1	2991.9	3037.9	3083.5	3129.0	3174.4	3220.0	3265.7	3357.9				
H	1208.0	2786.0	3304.9	3364.4	3423.3	3481.9	3540.3	3598.6	3657.0	3774.3				
S	3.0172	5.8986	6.7322	6.8132	6.8906	6.9652	7.0372	7.1070	7.1749	7.3054				
V	1.319	32.438	52.103	54.369	56.592	58.778	60.937	63.071	65.184	69.359				
U	1205.8	2590.4	2990.8	3036.9	3082.6	3128.2	3173.7	3219.3	3265.1	3357.4				
H	1213.7	2785.0	3303.5	3363.2	3422.2	3480.8	3539.3	3597.7	3656.2	3773.5				
S	3.0273	5.8908	6.7230	6.8041	6.8818	6.9564	7.0285	7.0985	7.1664	7.2971				
V	1.322	31.860	51.189	53.424	55.616	57.771	59.898	62.001	64.083	68.196				
U	1211.2	2589.6	2989.8	3036.0	3081.8	3127.4	3173.0	3218.6	3264.5	3356.8				
H	1219.3	2783.9	3302.0	3361.9	3421.0	3479.8	3538.3	3596.8	3655.4	3772.8				
S	3.0372	5.8830	6.7139	6.7952	6.8730	6.9478	7.0200	7.0900	7.1581	7.2889				
V	1.325	31.300	50.304	52.510	54.671	56.797	58.894	60.966	63.018	67.069				
U	1216.6	2588.8	2988.7	3035.0	3080.9	3126.6	3172.2	3218.0	3263.8	3356.3				
H	1224.8	2782.9	3300.6	3360.6	3419.9	3478.7	3537.4	3595.9	3654.8	3772.1				
S	3.0471	5.8753	6.7049	6.7864	6.8644	6.9393	7.0116	7.0817	7.1498	7.2808				
V	1.328	30.757	49.447	51.624	53.757	55.853	57.921	59.964	61.986	65.979				
U	1221.9	2588.0	2987.7	3034.1	3080.1	3125.8	3171.5	3217.3	3263.2	3355.7				
H	1230.3	2781.8	3299.2	3359.3	3418.7	3477.7	3536.4	3595.0	3653.7	3771.4				
S	3.0568	5.8677	6.6960	6.7778	6.8559	6.9309	7.0034	7.0735	7.1417	7.2728				
V	1.332	30.230	48.617	50.767	52.871	54.939	56.978	58.993	60.987	64.922				
U	1227.2	2587.2	2986.6	3033.1	3079.2	3125.0	3170.8	3216.6	3262.6	3355.2				
H	1235.7	2780.6	3297.7	3358.0	3417.6	3476.6	3535.4	3594.1	3652.9	3770.7				
S	3.0664	5.8601	6.6872	6.7692	6.8475	6.9226	6.9952	7.0655	7.1337	7.2649				
V	1.335	29.719	47.812	49.935	52.012	54.053	56.065	58.052	60.018	63.898				
U	1232.5	2586.3	2985.5	3032.2	3078.3	3124.2	3170.0	3215.9	3261.9	3354.6				
H	1241.1	2779.5	3296.3	3356.8	3416.4	3475.6	3534.4	3593.2	3652.1	3770.0				
S	3.0759	5.8527	6.6786	6.7608	6.8392	6.9145	6.9871	7.0575	7.1258	7.2572				

6800	V	1.338	29.223	47.031	49.129	51.160	53.194	55.179	57.139	59.079	62.905
(281.84)	U	1237.6	2585.5	2984.5	3031.2	3077.4	3123.4	3169.3	3215.2	3261.3	3354.1
	H	1246.5	2778.3	3294.9	3355.5	3415.2	3474.5	3533.5	3592.3	3651.2	3769.2
	S	3.0853	5.8452	6.6700	6.7524	6.8310	6.9064	6.9792	7.0497	7.1181	7.2495
6700	V	1.342	28.741	46.274	48.346	50.372	52.361	54.320	56.254	58.168	61.942
(282.84)	U	1242.8	2584.6	2983.4	3030.3	3076.6	3122.6	3168.6	3214.5	3260.7	3353.5
	H	1251.8	2777.1	3293.4	3354.2	3414.1	3473.4	3532.5	3591.4	3650.4	3768.5
	S	3.0946	5.8379	6.6616	6.7442	6.8229	6.8985	6.9714	7.0419	7.1104	7.2420
6600	V	1.345	28.272	45.539	47.587	49.588	51.552	53.486	55.395	57.283	61.007
(283.84)	U	1247.9	2583.7	2982.3	3029.3	3075.7	3121.8	3167.8	3213.9	3260.0	3353.0
	H	1257.0	2775.9	3292.0	3352.9	3412.9	3472.4	3531.5	3590.5	3649.6	3767.8
	S	3.1038	5.8306	6.6532	6.7361	6.8150	6.8907	6.9636	7.0343	7.1028	7.2345
7000	V	1.351	27.373	44.131	46.133	48.086	50.003	51.889	53.750	55.590	59.217
(285.79)	U	1258.0	2581.8	2980.1	3027.4	3074.0	3120.2	3166.3	3212.5	3258.8	3351.9
	H	1267.4	2773.5	3289.1	3350.3	3410.6	3470.2	3529.6	3588.9	3647.9	3766.4
	S	3.1219	5.8162	6.6368	6.7201	6.7993	6.8753	6.9485	7.0193	7.0880	7.2200
7200	V	1.358	26.522	42.802	44.759	46.668	48.540	50.381	52.197	53.991	57.527
(287.70)	U	1267.9	2579.9	2978.0	3025.4	3072.2	3118.6	3164.9	3211.1	3257.5	3350.7
	H	1277.6	2770.9	3286.1	3347.7	3408.2	3468.1	3527.6	3586.9	3646.2	3764.9
	S	3.1397	5.8020	6.6208	6.7044	6.7840	6.8602	6.9337	7.0047	7.0735	7.2058
7400	V	1.364	25.715	41.544	43.460	45.327	47.156	48.954	50.727	52.478	55.928
(289.57)	U	1277.6	2578.0	2975.8	3023.5	3070.4	3117.0	3163.4	3209.8	3256.2	3349.6
	H	1287.7	2768.3	3283.2	3345.1	3405.9	3466.0	3525.7	3585.1	3644.5	3763.5
	S	3.1571	5.7880	6.6050	6.6892	6.7691	6.8456	6.9192	6.9904	7.0594	7.1919
7600	V	1.371	24.949	40.351	42.228	44.056	45.845	47.603	49.335	51.045	54.413
(291.41)	U	1287.2	2575.9	2973.6	3021.5	3068.7	3115.4	3161.9	3208.4	3254.9	3348.5
	H	1297.6	2765.5	3280.3	3342.5	3403.5	3463.8	3523.7	3583.3	3642.9	3762.1
	S	3.1742	5.7742	6.5896	6.6742	6.7545	6.8312	6.9051	6.9765	7.0457	7.1784
7800	V	1.378	24.220	39.220	41.060	42.850	44.601	46.320	48.014	49.686	52.976
(293.21)	U	1296.7	2573.8	2971.4	3019.6	3066.9	3113.8	3160.4	3207.0	3253.7	3347.4
	H	1307.4	2762.8	3277.3	3339.8	3401.1	3461.7	3521.7	3581.5	3641.2	3760.6
	S	3.1911	5.7605	6.5745	6.6596	6.7402	6.8172	6.8913	6.9629	7.0322	7.1652
8000	V	1.384	23.525	38.145	39.950	41.704	43.419	45.102	46.759	48.394	51.611
(294.97)	U	1306.0	2571.7	2969.2	3017.6	3065.1	3112.2	3158.9	3205.6	3252.4	3346.3
	H	1317.1	2759.9	3274.3	3337.2	3398.8	3459.5	3519.7	3579.7	3639.5	3759.2
	S	3.2076	5.7471	6.5597	6.6452	6.7262	6.8035	6.8778	6.9496	7.0191	7.1523

Tabla F.2. Vapor sobrecalentado, unidades SI (Continúa)

PMPa (t = / °C)	liq. sat.	vapor. sat.	TEMPERATURA: T °C (TEMPERATURA: T kelvins)											
			300 (573.15)	320 (593.15)	340 (613.15)	360 (633.15)	380 (653.15)	400 (673.15)	425 (698.15)	450 (723.15)				
8200 (296.70)	V	1.391	23.350	25.916	28.064	29.968	31.715	33.350	35.282	37.121				
	U	1315.2	2583.7	2657.7	2718.5	2771.5	2819.5	2864.1	2916.7	2966.9				
	H	1326.6	2757.0	2870.2	2948.6	3017.2	3079.5	3137.6	3206.0	3271.3				
8400 (298.38)	S	3.2239	5.7338	5.9288	6.0588	6.1689	6.2659	6.3534	6.4532	6.5452				
	V	1.398	22.231	25.058	27.203	29.094	30.821	32.435	34.337	36.147				
	U	1324.3	2567.2	2651.1	2713.4	2767.3	2816.0	2861.1	2914.1	2964.7				
8600 (300.06)	H	1336.1	2754.0	2861.6	2941.9	3011.7	3074.8	3133.5	3202.6	3268.3				
	S	3.2399	5.7207	5.9056	6.0388	6.1509	6.2491	6.3376	6.4383	6.5309				
	V	1.404	21.627	24.236	26.380	28.258	29.968	31.561	33.437	35.217				
8800 (301.70)	U	1333.3	2564.9	2644.3	2708.1	2763.1	2812.4	2858.0	2911.5	2962.4				
	H	1345.4	2750.9	2852.7	2935.0	3006.1	3070.1	3129.4	3199.1	3265.3				
	S	3.2557	5.7076	5.8823	6.0189	6.1330	6.2326	6.3220	6.4236	6.5168				
9000 (303.31)	V	1.411	21.049	23.446	25.592	27.459	29.153	30.727	32.576	34.329				
	U	1342.2	2562.6	2637.3	2702.8	2758.8	2808.8	2854.9	2908.9	2960.1				
	H	1354.6	2747.8	2843.6	2928.0	3000.4	3065.3	3125.3	3195.6	3262.2				
9200 (304.89)	S	3.2713	5.6948	5.8590	5.9990	6.1152	6.2162	6.3067	6.4092	6.5030				
	V	1.418	20.495	22.685	24.836	26.694	28.372	29.929	31.754	33.480				
	U	1351.0	2560.1	2630.1	2697.4	2754.4	2805.2	2851.8	2906.3	2957.8				
9400 (306.44)	H	1363.7	2744.6	2834.3	2920.9	2994.7	3060.5	3121.2	3192.0	32592				
	S	3.2867	5.6820	5.8355	5.9792	6.0976	6.2000	6.2915	6.3949	6.4894				
	V	1.425	19.964	21.952	24.110	25.961	27.625	29.165	30.966	32.668				
9600 (307.97)	U	1359.7	2557.7	2622.7	2691.9	2750.0	2801.5	2848.7	2903.6	2955.5				
	H	1372.8	2741.3	2824.7	2913.7	2988.9	3055.7	3117.0	3188.5	3256.1				
	S	3.3018	5.6694	5.8118	5.9594	6.0801	6.1840	6.2765	6.3808	6.4760				
9800 (309.52)	V	1.432	19.455	21.245	23.412	25.257	26.909	28.433	30.212	31.891				
	U	1368.2	2555.2	2615.1	2686.3	2745.6	2797.8	2845.5	2900.9	2953.2				
	H	1381.7	2738.0	2814.8	2906.3	2983.0	3050.7	3112.8	3184.9	3253.0				
10000 (311.06)	S	3.3168	5.6568	5.7879	5.9397	6.0627	6.1681	6.2617	6.3669	6.4628				
	V	1.439	18.965	20.561	22.740	24.581	26.221	27.731	29.489	31.145				
	U	1376.7	2552.6	2607.3	2680.5	2741.0	2794.1	2842.3	2898.2	2950.9				
10200 (312.59)	H	1390.6	2734.7	2804.7	2888.8	2977.0	3045.8	3108.5	3181.3	3249.9				
	S	3.3315	5.6444	5.7637	5.9199	6.0454	6.1524	6.2470	6.3532	6.4498				

9800	V	1,446	18,494	19,899	22,093	23,931	25,561	27,056	28,795	30,429
(309.48)	U	1,385.2	2,550.0	2,599.2	2,674.7	2,736.4	2,790.3	2,839.1	2,895.5	2,948.6
	H	1,399.3	2,731.2	2,794.3	2,891.2	2,971.0	3,040.8	3,104.2	3,177.7	3,246.8
	S	3,346.1	5,632.1	5,739.3	5,900.1	6,028.2	6,136.8	6,232.5	6,339.7	6,436.9
10000	V	1,453	18,041	19,256	21,468	23,305	24,926	26,408	28,128	29,742
(310.96)	U	1,393.5	2,547.3	2,590.9	2,668.7	2,731.8	2,786.4	2,835.8	2,892.8	2,946.2
	H	1,408.0	2,727.7	2,793.5	2,883.4	2,964.8	3,035.7	3,099.9	3,174.1	3,243.6
	S	3,360.5	5,619.8	5,714.5	5,880.3	6,011.0	6,121.3	6,218.2	6,326.4	6,424.3
10200	V	1,460	17,605	18,632	20,865	22,702	24,315	25,785	27,487	29,081
(312.42)	U	1,401.8	2,544.6	2,582.3	2,662.6	2,727.0	2,782.6	2,832.6	2,890.0	2,943.9
	H	1,416.7	2,724.2	2,772.3	2,875.4	2,958.6	3,030.6	3,095.6	3,170.4	3,240.5
	S	3,374.8	5,607.6	5,689.4	5,860.4	5,994.0	6,105.9	6,204.0	6,313.1	6,411.8
10400	V	1,467	17,184	18,024	20,282	22,121	23,726	25,185	26,870	28,446
(313.86)	U	1,410.0	2,541.8	2,573.4	2,656.3	2,722.2	2,778.7	2,829.3	2,887.3	2,941.5
	H	1,425.2	2,720.6	2,760.8	2,867.2	2,952.3	3,025.4	3,091.2	3,166.7	3,237.3
	S	3,388.9	5,595.5	5,663.8	5,840.4	5,976.9	6,090.7	6,189.9	6,300.1	6,399.4
10600	V	1,474	16,778	17,432	19,717	21,560	23,159	24,607	26,276	27,834
(315.27)	U	1,418.1	2,539.0	2,564.1	2,649.9	2,717.4	2,774.7	2,825.9	2,884.5	2,939.1
	H	1,433.7	2,716.9	2,748.9	2,858.9	2,945.9	3,020.2	3,086.8	3,163.0	3,234.1
	S	3,402.9	5,583.5	5,637.6	5,820.3	5,959.9	6,075.5	6,175.9	6,287.2	6,387.2
10800	V	1,481	16,385	16,852	19,170	21,018	22,612	24,050	25,703	27,245
(316.67)	U	1,426.2	2,536.2	2,554.5	2,643.4	2,712.4	2,770.7	2,822.6	2,881.7	2,936.7
	H	1,442.2	2,713.1	2,736.5	2,850.4	2,939.4	3,014.9	3,082.3	3,159.3	3,230.9
	S	3,416.7	5,571.5	5,610.9	5,800.0	5,942.9	6,060.4	6,162.1	6,274.4	6,375.2
11000	V	1,489	16,006	16,285	18,639	20,494	22,083	23,512	25,151	26,676
(318.05)	U	1,434.2	2,533.2	2,544.4	2,636.7	2,707.4	2,766.7	2,819.2	2,878.9	2,934.3
	H	1,450.6	2,709.3	2,723.5	2,841.7	2,932.8	3,009.6	3,077.8	3,155.5	3,227.7
	S	3,430.4	5,559.5	5,583.5	5,779.7	5,925.9	6,045.4	6,148.3	6,261.7	6,363.3
11200	V	1,496	15,639	15,726	18,124	19,987	21,573	22,993	24,619	26,128
(319.40)	U	1,442.1	2,530.3	2,533.8	2,629.8	2,702.2	2,762.6	2,815.8	2,876.0	2,931.8
	H	1,458.9	2,705.4	2,710.0	2,832.8	2,926.1	3,004.2	3,073.3	3,151.7	3,224.5
	S	3,444.0	5,547.6	5,555.3	5,759.1	5,909.0	6,030.5	6,134.7	6,249.1	6,351.5
11400	V	1,504	15,284	17,622	19,495	21,079	22,492	24,104	25,599	27,084
(320.74)	U	1,450.0	2,527.2	2,622.7	2,697.0	2,758.4	2,812.3	2,873.1	2,929.4	2,989.4
	H	1,467.2	2,701.5	2,823.6	2,919.3	2,998.7	3,068.7	3,147.9	3,221.2	3,299.9
	S	3,457.5	5,535.7	5,738.3	5,892.0	6,015.6	6,121.1	6,236.7	6,339.9	

Tabla F.2. Vapor sobrecalentado, unidades SI (Continúa)

P(kPa (lbf/in^2))		liq. sat.	vap. sat.	TEMPERATURA: t °C (TEMPERATURA: T kelvins)											
				475 (748.15)	500 (773.15)	525 (798.15)	550 (823.15)	575 (848.15)	600 (873.15)	625 (898.15)	650 (923.15)				
8200 (296.70)	V	1.391	22.863	38.893	40.614	42.295	43.943	45.566	47.166	48.747	50.313				
	U	1315.2	2569.5	3015.6	3063.3	3110.5	3157.4	3204.3	3251.1	3298.1	3345.2				
	H	1326.6	2757.0	3334.5	3396.4	3457.3	3517.8	3577.9	3637.9	3697.8	3757.7				
8400 (298.39)	S	3.2239	5.7338	6.6311	6.7124	6.7900	6.8646	6.9365	7.0062	7.0739	7.1397				
	V	1.398	22.231	37.887	39.576	41.224	42.839	44.429	45.996	47.544	49.076				
	U	1324.3	2567.2	3013.6	3061.6	3108.9	3155.9	3202.9	3249.8	3296.9	3344.1				
8600 (300.06)	H	1336.1	2754.0	3331.9	3394.0	3455.2	3515.8	3576.1	3636.2	3696.2	3756.3				
	S	3.2389	5.7207	6.6173	6.6990	6.7769	6.8516	6.9238	6.9936	7.0614	7.1274				
	V	1.404	21.627	36.928	38.586	40.202	41.787	43.345	44.880	46.397	47.897				
8800 (301.70)	U	1333.3	2564.9	3011.6	3059.8	3107.3	3154.4	3201.5	3248.5	3295.7	3342.9				
	H	1345.4	2750.9	3329.2	3391.6	3453.0	3513.8	3574.3	3634.5	3694.7	3754.9				
	S	3.2557	5.7076	6.6037	6.6858	6.7639	6.8390	6.9113	6.9813	7.0492	7.1153				
9000 (303.31)	V	1.411	21.049	36.011	37.640	39.228	40.782	42.310	43.815	45.301	46.771				
	U	1342.2	2562.6	3009.6	3058.0	3105.6	3152.9	3200.1	3247.2	3294.5	3341.8				
	H	1354.6	2747.8	3326.5	3389.2	3450.8	3511.8	3572.4	3632.8	3693.1	3753.4				
9200 (304.89)	S	3.2713	5.6948	6.5904	6.6728	6.7513	6.8265	6.8990	6.9692	7.0373	7.1035				
	V	1.418	20.495	35.136	36.737	38.296	39.822	41.321	42.798	44.255	45.695				
	U	1351.0	2560.1	3007.6	3056.1	3104.0	3151.4	3198.7	3246.0	3293.3	3340.7				
9400 (306.44)	H	1363.7	2744.6	3323.8	3386.8	3448.7	3509.8	3570.6	3631.1	3691.6	3752.0				
	S	3.2867	5.6820	6.5773	6.6600	6.7388	6.8143	6.8870	6.9574	7.0256	7.0919				
	V	1.425	19.964	34.298	35.872	37.405	38.904	40.375	41.824	43.254	44.667				
9600 (307.97)	U	1359.7	2557.7	3005.6	3054.3	3102.3	3149.9	3197.3	3244.7	3292.1	3339.6				
	H	1372.8	2741.3	3321.1	3384.4	3446.5	3507.8	3568.8	3629.5	3690.0	3750.5				
	S	3.3018	5.6694	6.5644	6.6475	6.7266	6.8023	6.8752	6.9457	7.0141	7.0806				
9800 (309.50)	V	1.432	19.455	33.495	35.045	36.552	38.024	39.470	40.892	42.295	43.682				
	U	1368.2	2555.2	3003.5	3052.5	3100.7	3148.4	3195.9	3243.4	3290.9	3338.5				
	H	1381.7	2738.0	3318.4	3381.9	3444.3	3505.9	3566.9	3627.8	3688.4	3749.1				
10000 (311.05)	S	3.3168	5.6568	6.5517	6.6352	6.7146	6.7906	6.8637	6.9343	7.0029	7.0695				
	V	1.439	18.965	32.726	34.252	35.734	37.182	38.602	40.002	41.377	42.738				
	U	1376.7	2552.6	3001.5	3050.7	3099.0	3146.9	3194.5	3242.1	3289.7	3337.4				
10200 (312.57)	H	1390.6	2734.7	3315.6	3379.5	3442.1	3503.9	3565.1	3626.1	3686.9	3747.6				
	S	3.3315	5.6444	6.5392	6.6231	6.7028	6.7790	6.8523	6.9231	6.9918	7.0585				

9800	V	1,446	18,494	31,988	33,491	34,949	36,373	37,769	39,142	40,496	41,832
(309.48)	U	1,385.2	2550.0	2999.4	3048.8	3097.4	3145.4	3193.1	3240.8	3288.5	3336.2
	H	1,399.3	2731.2	3312.9	3377.0	3439.9	3501.9	3563.3	3624.4	3685.3	3746.2
	S	3,346.1	5,632.1	6,526.8	6,611.2	6,691.2	6,767.6	6,841.1	6,912.1	6,981.0	7,047.8
10000	V	1,453	18,041	31,280	32,760	34,196	35,597	36,970	38,320	39,650	40,963
(310.96)	U	1,393.5	2547.3	2997.4	3047.0	3095.7	3143.9	3191.7	3239.5	3287.3	3335.1
	H	1,408.0	2727.7	3310.1	3374.6	3437.7	3499.8	3561.4	3622.7	3683.8	3744.7
	S	3,360.5	5,619.8	6,514.7	6,599.4	6,679.7	6,756.4	6,830.2	6,901.3	6,970.3	7,037.3
10200	V	1,460	17,605	30,589	32,058	33,472	34,851	36,202	37,530	38,837	40,128
(312.42)	U	1,401.8	2544.6	2995.3	3045.2	3094.0	3142.3	3190.3	3238.2	3286.1	3334.0
	H	1,416.7	2724.2	3307.4	3372.1	3435.5	3497.8	3559.6	3621.0	3682.2	3743.3
	S	3,374.8	5,607.6	6,502.7	6,587.9	6,668.5	6,745.4	6,819.4	6,890.7	6,959.8	7,026.9
10400	V	1,467	17,184	29,943	31,382	32,776	34,134	35,464	36,770	38,056	39,325
(313.86)	U	1,410.0	2541.8	2993.2	3043.3	3092.4	3140.8	3188.9	3236.9	3284.8	3332.9
	H	1,425.2	2720.6	3304.6	3369.7	3433.2	3495.8	3557.8	3619.3	3680.6	3741.8
	S	3,388.9	5,595.5	6,490.9	6,576.5	6,657.4	6,734.6	6,808.7	6,880.3	6,949.5	7,016.7
10600	V	1,474	16,778	29,313	30,732	32,106	33,444	34,753	36,039	37,304	38,552
(315.27)	U	1,418.1	2539.0	2991.1	3041.4	3090.7	3139.3	3187.5	3235.6	3283.6	3331.7
	H	1,433.7	2716.9	3301.8	3367.2	3431.0	3493.8	3555.9	3617.6	3679.1	3740.4
	S	3,402.9	5,583.5	6,479.3	6,565.2	6,646.5	6,723.9	6,798.3	6,870.0	6,939.4	7,006.7
10800	V	1,481	16,385	28,706	30,106	31,461	32,779	34,069	35,335	36,580	37,808
(316.87)	U	1,426.2	2536.2	2989.0	3039.6	3089.0	3137.8	3186.1	3234.3	3282.4	3330.6
	H	1,442.2	2713.1	3299.0	3364.7	3428.8	3491.8	3554.1	3615.9	3677.5	3738.9
	S	3,416.7	5,571.5	6,467.8	6,554.2	6,635.7	6,713.4	6,788.0	6,859.9	6,929.4	6,996.9
11000	V	1,489	16,006	28,120	29,503	30,839	32,139	33,410	34,656	35,882	37,091
(318.05)	U	1,434.2	2533.2	2986.9	3037.7	3087.3	3136.2	3184.7	3233.0	3281.2	3329.5
	H	1,450.6	2709.3	3296.2	3362.2	3426.5	3489.7	3552.2	3614.2	3675.9	3737.5
	S	3,430.4	5,559.5	6,456.4	6,543.2	6,625.1	6,703.1	6,777.9	6,849.9	6,919.6	6,987.2
11200	V	1,496	15,639	27,555	28,921	30,240	31,521	32,774	34,002	35,210	36,400
(319.40)	U	1,442.1	2530.3	2984.8	3035.8	3085.6	3134.7	3183.3	3231.7	3280.0	3328.4
	H	1,458.9	2705.4	3293.4	3359.7	3424.3	3487.7	3550.4	3612.5	3674.4	3736.0
	S	3,444.0	5,547.6	6,445.2	6,532.4	6,614.7	6,692.9	6,767.9	6,840.1	6,909.9	6,977.7
11400	V	1,504	15,284	27,010	28,359	29,661	30,925	32,160	33,370	34,560	35,733
(320.74)	U	1,450.0	2527.2	2982.6	3033.9	3083.9	3133.1	3181.9	3230.4	3278.8	3327.2
	H	1,467.2	2701.5	3290.5	3357.2	3422.1	3485.7	3548.5	3610.8	3672.8	3734.6
	S	3,457.5	5,535.7	6,434.1	6,521.8	6,604.3	6,682.8	6,758.0	6,830.4	6,900.4	6,968.3

Tabla F.3: Vapor saturado, unidades inglesas

$V = \text{VOLUMEN ESPECÍFICO (pie)}^3 \text{ (lb}_m\text{)}^{-1}$
 $U = \text{ENERGÍA INTERNA ESPECÍFICA (Btu) (lb}_m\text{)}^{-1}$
 $H = \text{ENTALPIA ESPECÍFICA (Btu) (lb}_m\text{)}^{-1}$
 $S = \text{ENTROPIA ESPECÍFICA (Btu) (lb}_m\text{)}^{-1} \text{ R}^{-1}$

t (°F)	P (psia)	VOLUMEN ESPECÍFICO V				ENERGÍA INTERNA U				ENTALPIA H				ENTROPIA S				
		liq.		vap.		liq.		vap.		liq.		vap.		liq.		vap.		
		sat.	evap.	sat.	evap.	sat.	evap.	sat.	evap.	sat.	evap.	sat.	evap.	sat.	evap.	sat.	evap.	
32	0.0886	0.01602	3304.6	3304.6	-0.02	1021.3	1021.3	1021.3	1021.3	-0.02	1075.5	1075.5	1075.5	1075.5	0.0	2.1873	2.1873	2.1873
34	0.0860	0.01602	3061.9	3061.9	2.00	1020.0	1020.0	1022.0	1022.0	2.00	1074.4	1074.4	1076.4	1076.4	0.0041	2.1762	2.1802	2.1802
36	0.1040	0.01602	2839.0	2839.0	4.01	1018.6	1022.6	1022.6	1022.6	4.01	1073.2	1073.2	1077.2	1077.2	0.0081	2.1651	2.1732	2.1732
38	0.1125	0.01602	2634.1	2634.1	6.02	1017.3	1023.3	1023.3	1023.3	6.02	1072.1	1072.1	1078.1	1078.1	0.0122	2.1541	2.1663	2.1663
40	0.1216	0.01602	2445.8	2445.8	8.03	1015.9	1023.9	1023.9	1023.9	8.03	1071.0	1071.0	1079.0	1079.0	0.0162	2.1432	2.1594	2.1594
42	0.1314	0.01602	2272.4	2272.4	10.03	1014.6	1024.6	1024.6	1024.6	10.03	1069.8	1069.8	1079.9	1079.9	0.0202	2.1325	2.1527	2.1527
44	0.1419	0.01602	2112.8	2112.8	12.04	1013.2	1025.2	1025.2	1025.2	12.04	1068.7	1068.7	1080.7	1080.7	0.0242	2.1217	2.1459	2.1459
46	0.1531	0.01602	1965.7	1965.7	14.05	1011.9	1025.9	1025.9	1025.9	14.05	1067.6	1067.6	1081.6	1081.6	0.0282	2.1111	2.1393	2.1393
48	0.1651	0.01602	1830.0	1830.0	16.05	1010.5	1026.6	1026.6	1026.6	16.05	1066.4	1066.4	1082.5	1082.5	0.0321	2.1006	2.1327	2.1327
50	0.1780	0.01602	1704.8	1704.8	18.05	1009.2	1027.2	1027.2	1027.2	18.05	1065.3	1065.3	1083.4	1083.4	0.0361	2.0901	2.1262	2.1262
52	0.1916	0.01602	1589.2	1589.2	20.06	1007.8	1027.9	1027.9	1027.9	20.06	1064.2	1064.2	1084.2	1084.2	0.0400	2.0798	2.1197	2.1197
54	0.2063	0.01603	1482.4	1482.4	22.06	1006.5	1028.5	1028.5	1028.5	22.06	1063.1	1063.1	1085.1	1085.1	0.0439	2.0695	2.1134	2.1134
56	0.2218	0.01603	1383.6	1383.6	24.06	1005.1	1029.2	1029.2	1029.2	24.06	1061.9	1061.9	1086.0	1086.0	0.0478	2.0593	2.1070	2.1070
58	0.2384	0.01603	1292.2	1292.2	26.06	1003.8	1029.8	1029.8	1029.8	26.06	1060.8	1060.8	1086.9	1086.9	0.0516	2.0491	2.1008	2.1008
60	0.2561	0.01603	1207.6	1207.6	28.06	1002.4	1030.5	1030.5	1030.5	28.06	1059.7	1059.7	1087.7	1087.7	0.0555	2.0391	2.0946	2.0946
62	0.2749	0.01604	1129.2	1129.2	30.06	1001.1	1031.2	1031.2	1031.2	30.06	1058.5	1058.5	1088.6	1088.6	0.0593	2.0291	2.0885	2.0885
64	0.2950	0.01604	1056.5	1056.5	32.06	999.8	1031.8	1031.8	1031.8	32.06	1057.4	1057.4	1089.5	1089.5	0.0632	2.0192	2.0824	2.0824
66	0.3163	0.01604	989.0	989.0	34.06	998.4	1032.5	1032.5	1032.5	34.06	1056.3	1056.3	1090.4	1090.4	0.0670	2.0094	2.0764	2.0764
68	0.3389	0.01605	926.5	926.5	36.05	997.1	1033.1	1033.1	1033.1	36.05	1055.2	1055.2	1091.2	1091.2	0.0708	1.9996	2.0704	2.0704
70	0.3629	0.01605	868.3	868.3	38.05	995.7	1033.8	1033.8	1033.8	38.05	1054.0	1054.0	1092.1	1092.1	0.0745	1.9900	2.0645	2.0645
72	0.3884	0.01605	814.3	814.3	40.05	994.4	1034.4	1034.4	1034.4	40.05	1052.9	1052.9	1093.0	1093.0	0.0783	1.9804	2.0587	2.0587
74	0.4155	0.01606	764.1	764.1	42.05	993.0	1035.1	1035.1	1035.1	42.05	1051.8	1051.8	1093.8	1093.8	0.0821	1.9708	2.0529	2.0529
76	0.4442	0.01606	717.4	717.4	44.04	991.7	1035.7	1035.7	1035.7	44.04	1050.7	1050.7	1094.7	1094.7	0.0858	1.9614	2.0472	2.0472
78	0.4746	0.01607	673.8	673.8	46.04	990.3	1036.4	1036.4	1036.4	46.04	1049.5	1049.5	1095.6	1095.6	0.0895	1.9520	2.0415	2.0415
80	0.5068	0.01607	633.3	633.3	48.03	989.0	1037.0	1037.0	1037.0	48.04	1048.4	1048.4	1096.4	1096.4	0.0932	1.9426	2.0359	2.0359

82	0.5409	0.01608	595.6	987.7	1037.7	50.03	1047.3	1097.3	0.0969	1.9334	2.0303
84	0.5770	0.01608	560.3	986.3	1038.3	52.03	1046.1	1098.2	0.1006	1.9242	2.0248
86	0.6152	0.01609	527.5	985.0	1039.0	54.02	1045.0	1099.0	0.1043	1.9151	2.0193
88	0.6535	0.01609	496.8	983.6	1039.6	56.02	1043.9	1099.9	0.1079	1.9060	2.0139
90	0.6881	0.01610	468.1	982.3	1040.3	58.02	1042.7	1100.8	0.1115	1.8970	2.0086
92	0.7431	0.01610	441.3	980.9	1040.9	60.01	1041.6	1101.6	0.1152	1.8881	2.0033
94	0.7906	0.01611	416.3	979.6	1041.6	62.01	1040.5	1102.5	0.1188	1.8792	1.9980
96	0.8407	0.01612	392.8	978.2	1042.2	64.00	1039.3	1103.3	0.1224	1.8704	1.9928
98	0.8936	0.01612	370.9	976.9	1042.9	66.00	1038.2	1104.2	0.1260	1.8617	1.9876
100	0.9492	0.01613	350.4	975.5	1043.5	68.00	1037.1	1105.1	0.1295	1.8530	1.9825
102	1.0079	0.01614	331.1	974.2	1044.2	70.00	1035.9	1105.9	0.1331	1.8444	1.9775
104	1.0697	0.01614	313.1	972.8	1044.8	71.99	1034.8	1106.8	0.1366	1.8358	1.9725
106	1.1347	0.01615	296.2	971.5	1045.4	73.99	1033.6	1107.6	0.1402	1.8273	1.9675
108	1.2030	0.01616	280.3	970.1	1046.1	75.98	1032.5	1108.5	0.1437	1.8188	1.9626
110	1.275	0.01617	265.4	968.8	1046.7	77.98	1031.4	1109.3	0.1472	1.8105	1.9577
112	1.351	0.01617	251.4	967.4	1047.4	79.98	1030.2	1110.2	0.1507	1.8021	1.9528
114	1.430	0.01618	238.2	966.0	1048.0	81.97	1029.1	1111.0	0.1542	1.7938	1.9480
116	1.513	0.01619	225.8	964.7	1048.6	83.97	1027.9	1111.9	0.1577	1.7856	1.9433
118	1.601	0.01620	214.2	963.3	1049.3	85.97	1026.8	1112.7	0.1611	1.7774	1.9386
120	1.693	0.01620	203.26	962.0	1049.9	87.97	1025.6	1113.6	0.1646	1.7693	1.9339
122	1.789	0.01621	192.94	960.6	1050.6	89.96	1024.5	1114.4	0.1680	1.7613	1.9293
124	1.890	0.01622	183.23	959.2	1051.2	91.96	1023.3	1115.3	0.1715	1.7533	1.9247
126	1.996	0.01623	174.08	957.9	1051.8	93.96	1022.2	1116.1	0.1749	1.7453	1.9202
128	2.107	0.01624	165.45	956.5	1052.4	95.96	1021.0	1117.0	0.1783	1.7374	1.9157
130	2.223	0.01625	157.32	955.1	1053.1	97.96	1019.8	1117.8	0.1817	1.7295	1.9112
132	2.345	0.01626	149.64	953.8	1053.7	99.95	1018.7	1118.6	0.1851	1.7217	1.9068
134	2.472	0.01626	142.40	952.4	1054.3	101.95	1017.5	1119.5	0.1884	1.7140	1.9024
136	2.605	0.01627	135.55	951.0	1055.0	103.95	1016.4	1120.3	0.1918	1.7063	1.8980
138	2.744	0.01628	129.09	949.6	1055.6	105.95	1015.2	1121.1	0.1951	1.6986	1.8937
140	2.889	0.01629	122.98	948.3	1056.2	107.95	1014.0	1122.0	0.1985	1.6910	1.8895
142	3.041	0.01630	117.21	946.9	1056.8	109.95	1012.9	1122.8	0.2018	1.6834	1.8852
144	3.200	0.01631	111.74	945.5	1057.5	111.95	1011.7	1123.6	0.2051	1.6759	1.8810
146	3.365	0.01632	106.58	944.1	1058.1	113.95	1010.5	1124.5	0.2084	1.6684	1.8769
148	3.538	0.01633	101.68	942.8	1058.7	115.95	1009.3	1125.3	0.2117	1.6610	1.8727
150	3.718	0.01634	97.05	941.4	1059.3	117.95	1008.2	1126.1	0.2150	1.6536	1.8686
152	3.906	0.01635	92.66	940.0	1059.9	119.95	1007.0	1126.9	0.2183	1.6463	1.8646
154	4.102	0.01636	88.50	938.6	1060.5	121.95	1005.8	1127.7	0.2216	1.6390	1.8606
156	4.307	0.01637	84.56	937.2	1061.2	123.95	1004.6	1128.6	0.2248	1.6318	1.8566
158	4.520	0.01638	80.82	935.8	1061.8	125.96	1003.4	1129.4	0.2281	1.6245	1.8526
160	4.741	0.01640	77.27	934.4	1062.4	127.96	1002.2	1130.2	0.2313	1.6174	1.8487

Tabla F.3. Vapor saturado, unidades inglesas (Continúa)

t (°F)	P (psia)	VOLUMEN ESPECÍFICO V				ENERGÍA INTERNA U				ENTALPIA H				ENTROPIA S	
		liq.		vap.		liq.		vap.		evap.		vap.		evap.	
		sat.	liq.	sat.	vap.	sat.	liq.	sat.	vap.	evap.	sat.	liq.	sat.	evap.	sat.
162	4.872	0.01641	73.90	73.92	129.95	933.0	1063.0	129.96	1001.0	1131.0	0.2345	1.6103	1.8448		
164	5.212	0.01642	70.70	70.72	131.95	931.6	1063.6	131.96	999.8	1131.8	0.2377	1.6032	1.8409		
166	5.462	0.01643	67.67	67.68	133.95	930.2	1064.2	133.97	998.6	1132.6	0.2409	1.5961	1.8371		
168	5.722	0.01644	64.78	64.80	135.95	928.8	1064.8	135.97	997.4	1133.4	0.2441	1.5892	1.8333		
170	5.993	0.01645	62.04	62.06	137.96	927.4	1065.4	137.97	996.2	1134.2	0.2473	1.5822	1.8295		
172	6.274	0.01646	59.43	59.45	139.96	926.0	1066.0	139.98	995.0	1135.0	0.2505	1.5753	1.8258		
174	6.566	0.01647	56.95	56.97	141.96	924.6	1066.6	141.98	993.8	1135.8	0.2537	1.5684	1.8221		
176	6.869	0.01649	54.59	54.61	143.97	923.2	1067.2	143.99	992.6	1136.6	0.2568	1.5616	1.8184		
178	7.184	0.01650	52.35	52.36	145.97	921.8	1067.8	145.99	991.4	1137.4	0.2600	1.5548	1.8147		
180	7.511	0.01651	50.21	50.22	147.98	920.4	1068.4	148.00	990.2	1138.2	0.2631	1.5480	1.8111		
182	7.850	0.01652	48.17	48.19	149.98	919.0	1069.0	150.01	989.0	1139.0	0.2662	1.5413	1.8075		
184	8.203	0.01653	46.23	46.25	151.99	917.6	1069.6	152.01	987.8	1139.8	0.2694	1.5346	1.8040		
186	8.569	0.01655	44.38	44.40	153.99	916.2	1070.2	154.02	986.5	1140.5	0.2725	1.5279	1.8004		
188	8.947	0.01656	42.62	42.64	156.00	914.7	1070.7	156.03	985.3	1141.3	0.2756	1.5213	1.7969		
190	9.340	0.01657	40.94	40.96	158.01	913.3	1071.3	158.04	984.1	1142.1	0.2787	1.5148	1.7934		
192	9.747	0.01658	39.34	39.35	160.02	911.9	1071.9	160.05	982.8	1142.9	0.2818	1.5082	1.7900		
194	10.168	0.01660	37.81	37.82	162.02	910.5	1072.5	162.05	981.6	1143.7	0.2848	1.5017	1.7865		
196	10.605	0.01661	36.35	36.36	164.03	909.0	1073.1	164.06	980.4	1144.4	0.2879	1.4952	1.7831		
198	11.058	0.01662	34.95	34.97	166.04	907.6	1073.6	166.08	979.1	1145.2	0.2910	1.4888	1.7798		
200	11.526	0.01664	33.62	33.64	168.05	906.2	1074.2	168.09	977.9	1146.0	0.2940	1.4824	1.7764		
202	12.011	0.01665	32.35	32.37	170.06	904.7	1074.8	170.10	976.6	1146.7	0.2971	1.4760	1.7731		
204	12.512	0.01666	31.13	31.15	172.07	903.3	1075.3	172.11	975.4	1147.5	0.3001	1.4697	1.7698		
206	13.031	0.01668	29.97	29.99	174.08	901.8	1075.9	174.12	974.1	1148.2	0.3031	1.4634	1.7665		
208	13.568	0.01669	28.86	28.88	176.09	900.4	1076.5	176.14	972.8	1149.0	0.3061	1.4571	1.7632		
210	14.123	0.01670	27.80	27.82	178.11	898.9	1077.0	178.15	971.6	1149.7	0.3091	1.4509	1.7600		
212	14.696	0.01672	26.78	26.80	180.12	897.5	1077.6	180.17	970.3	1150.5	0.3121	1.4447	1.7568		
214	15.282	0.01674	25.84	25.86	183.14	896.3	1078.4	183.19	968.4	1151.6	0.3166	1.4384	1.7530		
216	15.881	0.01678	25.13	25.15	186.18	895.1	1079.8	186.23	966.2	1153.4	0.3241	1.4320	1.7492		
218	16.492	0.01681	24.51	24.53	189.22	894.0	1081.2	189.28	962.0	1155.3	0.3315	1.4251	1.7455		
220	17.115	0.01685	23.94	23.96	192.27	893.0	1082.5	192.33	958.7	1157.1	0.3388	1.4182	1.7418		
222	17.750	0.01689	23.41	23.43	195.32	892.0	1083.9	195.39	955.4	1158.8	0.3461	1.4113	1.7381		
224	18.397	0.01693	22.91	22.93	198.37	891.0	1085.2	198.45	952.1	1160.6	0.3533	1.4044	1.7344		
226	19.056	0.01697	22.43	22.45	201.43	890.0	1086.5	201.52	948.8	1162.3	0.3606	1.3975	1.7307		
228	19.727	0.01701	21.98	21.99	204.49	889.0	1087.8	204.59	945.4	1164.0	0.3677	1.3906	1.7270		
230	20.409	0.01705	21.54	21.56	207.57	888.0	1089.0	207.67	942.1	1165.7	0.3748	1.3837	1.7233		

2600 36.49 0.01709 11.749 11.749 1.090.3 520.76
 2600 38.53 0.01713 10.854 10.854 1.090.3 520.76
 2770 47.86 0.01713 10.854 10.854 1.090.3 520.76

Tabla F.3. Vapor saturado, unidades inglesas (Continúa)

t (°F)	P (psia)	VOLUMEN ESPECIFICO V				ENERGÍA INTERNA U				ENTALPIA H				ENTROPIA S			
		liq.		vap.		liq.		vap.		liq.		vap.		liq.		vap.	
		sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	
460	466.87	0.0196	0.9746	0.9942	439.84	679.0	1118.9	441.54	763.2	1204.8	0.6405	0.8299	1.4704				
465	490.32	0.0197	0.9265	0.9462	445.44	673.4	1118.9	447.23	757.5	1204.7	0.6466	0.8192	1.4657				
470	514.67	0.0198	0.8810	0.9008	451.06	667.7	1118.8	452.95	751.6	1204.6	0.6527	0.8094	1.4611				
475	539.94	0.0199	0.8379	0.8578	456.71	662.0	1118.7	458.70	745.7	1204.4	0.6587	0.7977	1.4565				
480	566.15	0.0200	0.7972	0.8172	462.39	656.1	1118.5	464.48	739.6	1204.1	0.6648	0.7871	1.4518				
485	593.32	0.0201	0.7586	0.7787	468.09	650.2	1118.3	470.29	733.5	1203.8	0.6708	0.7764	1.4472				
490	621.48	0.0202	0.7220	0.7422	473.82	644.2	1118.0	476.14	727.2	1203.3	0.6769	0.7657	1.4426				
495	650.65	0.0203	0.6874	0.7077	479.57	638.0	1117.6	482.02	720.8	1202.8	0.6830	0.7550	1.4380				
500	680.86	0.0204	0.6545	0.6749	485.36	631.8	1117.2	487.94	714.3	1202.2	0.6890	0.7443	1.4333				
505	712.12	0.0205	0.6233	0.6438	491.2	625.6	1116.7	493.9	707.7	1201.6	0.6951	0.7336	1.4286				
510	744.47	0.0207	0.5936	0.6143	497.0	619.2	1116.2	499.9	700.9	1200.8	0.7012	0.7228	1.4240				
515	777.93	0.0208	0.5654	0.5862	502.9	612.7	1115.6	505.9	694.1	1200.0	0.7072	0.7120	1.4193				
520	812.53	0.0209	0.5386	0.5596	508.8	606.1	1114.9	512.0	687.0	1199.0	0.7133	0.7013	1.4146				
525	848.28	0.0210	0.5131	0.5342	514.8	599.3	1114.2	518.1	679.9	1198.0	0.7194	0.6904	1.4098				
530	885.23	0.0212	0.4889	0.5100	520.8	592.5	1113.3	524.3	672.6	1196.9	0.7255	0.6796	1.4051				
535	923.39	0.0213	0.4657	0.4870	526.9	585.6	1112.4	530.5	665.1	1195.6	0.7316	0.6686	1.4003				
540	962.79	0.0215	0.4437	0.4651	532.9	578.5	1111.4	536.8	657.5	1194.3	0.7378	0.6577	1.3954				
545	1003.5	0.0216	0.4226	0.4442	539.1	571.2	1110.3	543.1	649.7	1192.8	0.7439	0.6467	1.3906				
550	1045.4	0.0218	0.4026	0.4243	545.3	563.9	1109.1	549.5	641.8	1191.2	0.7501	0.6356	1.3856				
555	1088.7	0.0219	0.3834	0.4053	551.5	556.4	1107.9	555.9	633.6	1189.5	0.7562	0.6244	1.3807				
560	1133.4	0.0221	0.3651	0.3871	557.8	548.7	1106.5	562.4	625.3	1187.7	0.7625	0.6132	1.3757				
565	1179.4	0.0222	0.3475	0.3698	564.1	540.9	1105.0	569.0	616.8	1185.7	0.7687	0.6019	1.3706				
570	1226.9	0.0224	0.3308	0.3532	570.5	532.9	1103.4	575.6	608.0	1183.6	0.7750	0.5905	1.3654				
575	1275.8	0.0226	0.3147	0.3373	577.0	524.8	1101.7	582.3	599.1	1181.4	0.7813	0.5790	1.3602				
580	1326.2	0.0228	0.2994	0.3222	583.5	516.4	1099.9	589.1	589.9	1179.0	0.7876	0.5673	1.3550				
585	1378.1	0.0230	0.2846	0.3076	590.1	507.9	1098.0	596.0	580.4	1176.4	0.7940	0.5556	1.3496				
590	1431.5	0.0232	0.2705	0.2937	596.8	499.1	1095.9	602.9	570.8	1173.7	0.8004	0.5437	1.3442				
595	1486.6	0.0234	0.2569	0.2803	603.5	490.2	1093.7	610.0	560.8	1170.8	0.8069	0.5317	1.3386				
600	1543.2	0.0236	0.2438	0.2675	610.4	481.0	1091.3	617.1	550.6	1167.7	0.8134	0.5196	1.3330				
605	1601.5	0.0239	0.2313	0.2551	617.3	471.5	1088.8	624.4	540.0	1164.4	0.8200	0.5072	1.3273				
610	1661.6	0.0241	0.2191	0.2433	624.4	461.8	1086.1	631.8	529.2	1160.9	0.8267	0.4947	1.3214				
615	1723.3	0.0244	0.2075	0.2318	631.5	451.8	1083.3	639.3	517.9	1157.2	0.8334	0.4819	1.3154				
620	1786.9	0.0247	0.1961	0.2208	638.8	441.4	1080.2	646.9	506.3	1153.2	0.8403	0.4689	1.3092				
625	1852.2	0.0250	0.1852	0.2102	646.2	430.7	1076.8	654.7	494.2	1148.9	0.8472	0.4556	1.3028				
630	1919.5	0.0253	0.1746	0.1999	653.7	419.5	1073.2	662.7	481.6	1144.2	0.8542	0.4419	1.2962				

635	1988.7	0.0256	0.1643	0.1899	661.4	407.9	1069.3	670.8	468.4	1139.2	0.8614	0.4279	1.2893
640	2059.9	0.0259	0.1543	0.1802	669.2	395.8	1065.0	679.1	454.6	1133.7	0.8686	0.4134	1.2821
645	2133.1	0.0263	0.1445	0.1708	677.3	383.1	1060.4	687.7	440.2	1127.8	0.8761	0.3985	1.2746
650	2208.4	0.0267	0.1350	0.1617	685.5	369.8	1055.3	696.4	425.0	1121.4	0.8837	0.3830	1.2667
655	2285.9	0.0272	0.1257	0.1529	694.0	355.8	1049.8	705.5	409.0	1114.5	0.8915	0.3670	1.2584
660	2365.7	0.0277	0.1166	0.1443	702.8	341.0	1043.9	714.9	392.1	1107.0	0.8995	0.3502	1.2498
662	2398.2	0.0279	0.1131	0.1409	706.4	335.0	1041.4	718.7	385.2	1103.9	0.9029	0.3433	1.2462
664	2431.1	0.0281	0.1095	0.1376	710.2	328.5	1038.7	722.9	377.7	1100.6	0.9064	0.3361	1.2425
666	2464.4	0.0283	0.1059	0.1342	714.2	321.7	1035.9	727.1	370.0	1097.1	0.9100	0.3286	1.2387
668	2498.1	0.0286	0.1023	0.1309	718.3	314.8	1033.0	731.5	362.1	1093.5	0.9137	0.3210	1.2347
670	2532.2	0.0288	0.0987	0.1275	722.3	307.7	1030.0	735.8	354.0	1089.8	0.9174	0.3133	1.2307
672	2566.6	0.0291	0.0951	0.1242	726.4	300.5	1026.9	740.2	345.7	1085.9	0.9211	0.3054	1.2266
674	2601.5	0.0294	0.0916	0.1210	730.5	293.1	1023.6	744.7	337.2	1081.9	0.9249	0.2974	1.2223
676	2636.8	0.0297	0.0880	0.1177	734.7	285.5	1020.2	749.2	328.5	1077.6	0.9287	0.2892	1.2179
678	2672.5	0.0300	0.0844	0.1144	738.9	277.7	1016.6	753.8	319.4	1073.2	0.9326	0.2807	1.2133
680	2708.6	0.0304	0.0808	0.1112	743.2	269.6	1012.8	758.5	310.1	1068.5	0.9365	0.2720	1.2086
682	2745.1	0.0307	0.0772	0.1079	747.7	261.2	1008.8	763.3	300.4	1063.6	0.9406	0.2631	1.2036
684	2782.1	0.0311	0.0735	0.1046	752.2	252.4	1004.6	768.2	290.2	1058.4	0.9447	0.2537	1.1984
686	2819.5	0.0316	0.0698	0.1013	756.9	243.1	1000.0	773.4	279.5	1052.9	0.9490	0.2439	1.1930
688	2857.4	0.0320	0.0659	0.0980	761.8	233.3	995.2	778.8	268.2	1047.0	0.9535	0.2337	1.1872
690	2895.7	0.0326	0.0620	0.0946	767.0	222.9	989.9	784.5	256.1	1040.6	0.9583	0.2227	1.1810
692	2934.5	0.0331	0.0580	0.0911	772.5	211.6	984.1	790.5	243.1	1033.6	0.9634	0.2110	1.1744
694	2973.7	0.0338	0.0537	0.0875	778.5	199.2	977.7	797.1	228.8	1025.9	0.9689	0.1983	1.1671
696	3013.4	0.0345	0.0492	0.0837	785.1	185.4	970.5	804.4	212.8	1017.2	0.9749	0.1841	1.1591
698	3053.6	0.0355	0.0442	0.0797	792.6	169.6	962.2	812.6	194.6	1007.2	0.9818	0.1681	1.1499
700	3094.3	0.0366	0.0386	0.0752	801.5	150.7	952.1	822.4	172.7	995.2	0.9901	0.1490	1.1390
702	3135.5	0.0382	0.0317	0.0700	812.8	126.3	939.1	835.0	144.7	979.7	1.0006	0.1246	1.1252
704	3177.2	0.0411	0.0219	0.0630	830.1	89.1	919.2	854.2	102.0	956.2	1.0169	0.0876	1.1046
705.47	3208.2	0.0508	0.0000	0.0508	875.9	-0.0	875.9	906.0	-0.0	906.0	1.0512	0.0000	1.0612

Tabla F.4: Vapor sobrecalentado, unidades inglesas

P(psia) (t° / °F)	TEMPERATURA: t (°F)											
	200	250	300	350	400	450	500					
	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.
1 (101.74)	V	0.0161	333.60	392.5	422.4	452.3	482.1	511.9	541.7	571.5		
	U	69.73	1044.1	1077.5	1094.7	1112.0	1129.5	1147.1	1164.9	1182.8		
	H	69.73	1105.8	1172.9	1195.7	1218.7	1241.8	1264.9	1288.0	1311.1		
	S	0.1326	1.9781	2.0509	2.1152	2.1445	2.1722	2.1985	2.2237			
5 (162.24)	V	0.0164	73.532	84.21	90.24	96.25	102.2	108.2	114.2			
	U	130.18	1063.1	1076.3	1111.3	1128.9	1146.7	1164.5	1182.3			
	H	130.20	1131.1	1171.7	1194.8	1218.0	1241.3	1264.7	1288.2			
	S	0.2349	1.8443	1.8716	1.9054	1.9369	1.9664	1.9943	2.0208			
10 (193.21)	V	0.0166	38.420	41.93	44.98	48.02	51.03	54.04	57.04			
	U	161.23	1072.3	1092.6	1110.4	1128.3	1146.1	1164.1	1182.2			
	H	161.26	1143.3	1170.2	1193.7	1217.1	1240.6	1264.1	1287.6			
	S	0.2836	1.7879	1.8273	1.8593	1.8892	1.9173	1.9439	1.9692			
14.696 (212.00)	V	0.0167	26.799	28.42	30.52	32.60	34.67	36.72	38.77			
	U	180.12	1077.6	1091.5	1109.6	1127.6	1145.7	1163.7	1181.9			
	H	180.17	1150.5	1168.8	1192.6	1216.3	1239.9	1263.6	1287.4			
	S	0.3121	1.7568	1.7833	1.8158	1.8460	1.8743	1.9010	1.9265			
15 (213.03)	V	0.0167	26.290	27.84	29.90	31.94	33.96	35.98	37.98			
	U	181.16	1077.9	1091.4	1109.5	1127.6	1145.6	1163.7	1181.9			
	H	181.21	1150.9	1168.7	1192.5	1216.2	1239.9	1263.6	1287.3			
	S	0.3137	1.7552	1.7809	1.8134	1.8436	1.8720	1.8988	1.9242			
20 (227.96)	V	0.0168	20.087	20.79	22.36	23.90	25.43	26.95	28.46			
	U	196.21	1082.0	1090.2	1108.6	1126.9	1145.1	1163.3	1181.6			
	H	196.27	1156.3	1167.1	1191.4	1215.4	1239.2	1263.0	1286.9			
	S	0.3358	1.7320	1.7475	1.7805	1.8111	1.8397	1.8666	1.8921			
25 (240.07)	V	0.0169	16.301	16.56	17.83	19.08	20.31	21.53	22.74			
	U	208.44	1085.2	1089.0	1107.7	1126.2	1144.6	1162.9	1181.2			
	H	208.52	1160.6	1165.6	1190.2	1214.5	1238.5	1262.5	1286.4			
	S	0.3535	1.7141	1.7212	1.7547	1.7856	1.8145	1.8415	1.8672			
30 (250.34)	V	0.0170	13.744	14.81	14.81	15.86	16.89	17.91	18.93			
	U	218.84	1087.9	1106.8	1106.8	1125.5	1144.0	1162.5	1180.9			
	H	218.93	7164.7	1189.0	1189.0	1213.6	1237.8	1261.9	1286.0			
	S	0.3682	1.6995	1.7334	1.7334	1.7647	1.7937	1.8210	1.8467			

Tabla F.4. Vapor sobrecalentado, unidades inglesas (Continúa)

P(psia) (t ² /°F)	liq. sat.	vap. sat.	TEMPERATURA, t (°F)							
			600	700	800	900	1000	1100	1200	
1 (101.74)	V	0.0161	333.60	690.7	750.3	809.9	869.5	929.0	988.6	
	U	69.73	1044.1	1256.7	1294.9	1334.0	1374.0	1414.9	1456.7	
	H	69.73	1105.8	1384.5	1433.7	1483.8	1534.9	1586.8	1639.7	
	S	0.1326	1.9781	2.2708	2.3144	2.3551	2.3934	2.4296	2.4640	
5 (162.24)	V	0.0164	73.532	138.1	150.0	161.9	173.9	185.8	197.7	
	U	130.18	1063.1	1256.5	1294.8	1333.9	1373.9	1414.8	1456.7	
	H	130.20	1131.1	1384.3	1433.6	1483.7	1534.7	1586.7	1639.6	
	S	0.2349	1.8443	2.0932	2.1369	2.1776	2.2159	2.2521	2.2866	
10 (193.21)	V	0.0166	38.420	69.00	74.98	80.94	86.91	92.87	98.84	
	U	161.23	1072.3	1218.9	1256.4	1294.5	1333.7	1373.8	1414.7	
	H	161.26	1143.3	1384.0	1433.4	1483.4	1534.6	1586.6	1639.5	
	S	0.2836	1.7879	2.0166	2.0603	2.1011	2.1394	2.1757	2.2101	
15 (213.03)	V	0.0167	26.799	46.93	51.00	55.06	59.13	63.19	67.25	
	U	180.12	1077.6	1218.7	1256.2	1294.5	1333.6	1373.7	1414.6	
	H	180.17	1150.5	1383.8	1433.2	1483.4	1534.5	1586.5	1639.4	
	S	0.3121	1.7568	1.9739	2.0177	2.0585	2.0969	2.1331	2.1676	
20 (227.96)	V	0.0168	26.290	45.98	49.96	53.95	57.93	61.90	65.88	
	U	181.16	1077.9	1218.7	1256.2	1294.5	1333.6	1373.7	1414.6	
	H	181.21	1150.9	1383.8	1433.2	1483.4	1534.5	1586.5	1639.4	
	S	0.3137	1.7552	1.9717	2.0155	2.0563	2.0946	2.1309	2.1653	
25 (240.07)	V	0.0169	20.087	34.46	37.46	40.45	43.43	46.42	49.40	
	U	196.21	1082.0	1218.4	1256.0	1294.3	1333.5	1373.6	1414.5	
	H	196.27	1156.3	1384.9	1432.9	1483.2	1534.3	1586.3	1639.3	
	S	0.3358	1.7320	1.9397	1.9836	2.0244	2.0628	2.0991	2.1336	
30 (250.34)	V	0.0169	16.301	27.56	29.95	32.35	34.74	37.13	39.52	
	U	208.44	1085.2	1218.2	1255.8	1294.2	1333.4	1373.5	1414.4	
	H	208.52	1160.6	1384.6	1432.7	1483.0	1534.2	1586.2	1639.2	
	S	0.3535	1.7141	1.9149	1.9588	1.9997	2.0381	2.0744	2.1089	
30 (250.34)	V	0.0170	13.744	22.95	24.95	26.95	28.94	30.94	32.93	
	U	218.84	1087.9	1218.0	1255.6	1294.0	1333.2	1373.3	1414.3	
	H	218.93	1164.1	1383.0	1432.5	1482.8	1534.0	1586.1	1639.0	
	S	0.3682	1.6995	1.8946	1.9386	1.9795	2.0179	2.0543	2.0888	

Tabla F.4. Vapor sobrecalentado, unidades inglesas (Continúa)

P (psia) (t° / °F)	liq.		vap.		TEMPERATURA: t (°F)									
	sat.	0.0176	sat.	5.471	340	360	380	400	420	450	500			
80 (312.04)	V	0.0176	5.471	5.715	5.885	6.053	6.218	6.381	6.522	6.622	7.016			
	U	281.89	1102.1	1114.0	1122.3	1130.4	1138.4	1146.3	1158.1	1177.4				
	H	282.15	1183.1	1198.6	1209.4	1220.0	1230.5	1240.8	1256.1	1281.3				
85 (316.26)	V	0.0176	5.167	5.364	5.525	5.684	5.840	5.995	6.223	6.597				
	U	286.24	1102.9	1113.1	1121.5	1129.7	1137.8	1145.8	1157.6	1177.0				
	H	286.52	1184.2	1197.5	1208.4	1219.1	1229.7	1240.1	1255.5	1280.8				
90 (320.28)	V	0.0177	4.895	5.051	5.205	5.356	5.505	5.652	5.869	6.223				
	U	290.40	1103.7	1112.3	1120.8	1129.1	1137.2	1145.3	1157.2	1176.7				
	H	290.69	1185.3	1196.4	1207.5	1218.3	1228.9	1239.4	1254.9	1280.3				
95 (324.13)	V	0.0177	4.651	4.771	4.919	5.063	5.205	5.345	5.551	5.889				
	U	294.38	1104.5	1111.4	1120.0	1128.4	1136.6	1144.7	1156.7	1176.3				
	H	294.70	1186.2	1195.3	1206.5	1217.4	1228.1	1238.7	1254.3	1279.8				
100 (327.82)	V	0.0177	4.431	4.519	4.660	4.799	4.935	5.068	5.266	5.588				
	U	298.21	1105.2	1110.6	1119.2	1127.7	1136.0	1144.2	1156.3	1175.9				
	H	298.54	1187.2	1194.2	1205.5	1216.5	1227.4	1238.0	1253.7	1279.3				
105 (331.37)	V	0.0178	4.231	4.291	4.427	4.560	4.690	4.818	5.007	5.315				
	U	301.89	1105.8	1109.7	1118.5	1127.0	1135.4	1143.7	1155.8	1175.6				
	H	302.24	1188.0	1193.1	1204.5	1215.6	1226.6	1237.3	1253.1	1278.8				
110 (334.79)	V	0.0178	4.048	4.083	4.214	4.343	4.468	4.591	4.772	5.068				
	U	305.44	1106.5	1108.8	1117.7	1126.4	1134.8	1143.1	1155.3	1175.2				
	H	305.80	1188.9	1191.9	1203.5	1214.7	1225.8	1236.6	1252.5	1278.3				
115 (338.08)	V	0.0179	3.881	3.894	4.020	4.144	4.265	4.383	4.558	4.841				
	U	308.87	1107.0	1107.9	1116.9	1125.7	1134.2	1142.6	1154.8	1174.8				
	H	309.25	1189.6	1190.8	1202.5	1213.8	1225.0	1235.8	1251.8	1277.9				
S	0.4877	1.5913	1.5928	1.6072	1.6209	1.6340	1.6465	1.6644	1.6922					

DATE	TIME	13013	13014	13015	13016	13017	13018	13019	13020	13021	13022	13023	13024	13025	13026	13027	13028	13029	13030	13031	13032	13033	13034	13035	13036	13037	13038	13039	13040	13041	13042	13043	13044	13045	13046	13047	13048	13049	13050																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
120	(341.27)	V	0.0179	3.728	3.842	3.962	4.079	4.193	4.261	4.334	4.403	4.473	4.544	4.614	4.684	4.754	4.824	4.894	4.964	5.034	5.104	5.174	5.244	5.314	5.384	5.454	5.524	5.594	5.664	5.734	5.804	5.874	5.944	6.014	6.084	6.154	6.224	6.294	6.364	6.434	6.504	6.574	6.644	6.714	6.784	6.854	6.924	6.994	7.064	7.134	7.204	7.274	7.344	7.414	7.484	7.554	7.624	7.694	7.764	7.834	7.904	7.974	8.044	8.114	8.184	8.254	8.324	8.394	8.464	8.534	8.604	8.674	8.744	8.814	8.884	8.954	9.024	9.094	9.164	9.234	9.304	9.374	9.444	9.514	9.584	9.654	9.724	9.794	9.864	9.934	10.004																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
125	(344.35)	U	312.19	1107.6	1116.1	1124.9	1133.6	1142.0	1150.4	1158.9	1167.3	1175.7	1184.1	1192.5	1200.9	1209.3	1217.7	1226.1	1234.5	1242.9	1251.3	1259.7	1268.1	1276.5	1284.9	1293.3	1301.7	1310.1	1318.5	1326.9	1335.3	1343.7	1352.1	1360.5	1368.9	1377.3	1385.7	1394.1	1402.5	1410.9	1419.3	1427.7	1436.1	1444.5	1452.9	1461.3	1469.7	1478.1	1486.5	1494.9	1503.3	1511.7	1520.1	1528.5	1536.9	1545.3	1553.7	1562.1	1570.5	1578.9	1587.3	1595.7	1604.1	1612.5	1620.9	1629.3	1637.7	1646.1	1654.5	1662.9	1671.3	1679.7	1688.1	1696.5	1704.9	1713.3	1721.7	1730.1	1738.5	1746.9	1755.3	1763.7	1772.1	1780.5	1788.9	1797.3	1805.7	1814.1	1822.5	1830.9	1839.3	1847.7	1856.1	1864.5	1872.9	1881.3	1889.7	1898.1	1906.5	1914.9	1923.3	1931.7	1940.1	1948.5	1956.9	1965.3	1973.7	1982.1	1990.5	1998.9	2007.3	2015.7	2024.1	2032.5	2040.9	2049.3	2057.7	2066.1	2074.5	2082.9	2091.3	2100.1	2108.5	2116.9	2125.3	2133.7	2142.1	2150.5	2158.9	2167.3	2175.7	2184.1	2192.5	2200.9	2209.3	2217.7	2226.1	2234.5	2242.9	2251.3	2259.7	2268.1	2276.5	2284.9	2293.3	2301.7	2310.1	2318.5	2326.9	2335.3	2343.7	2352.1	2360.5	2368.9	2377.3	2385.7	2394.1	2402.5	2410.9	2419.3	2427.7	2436.1	2444.5	2452.9	2461.3	2469.7	2478.1	2486.5	2494.9	2503.3	2511.7	2520.1	2528.5	2536.9	2545.3	2553.7	2562.1	2570.5	2578.9	2587.3	2595.7	2604.1	2612.5	2620.9	2629.3	2637.7	2646.1	2654.5	2662.9	2671.3	2679.7	2688.1	2696.5	2704.9	2713.3	2721.7	2730.1	2738.5	2746.9	2755.3	2763.7	2772.1	2780.5	2788.9	2797.3	2805.7	2814.1	2822.5	2830.9	2839.3	2847.7	2856.1	2864.5	2872.9	2881.3	2889.7	2898.1	2906.5	2914.9	2923.3	2931.7	2940.1	2948.5	2956.9	2965.3	2973.7	2982.1	2990.5	2998.9	3007.3	3015.7	3024.1	3032.5	3040.9	3049.3	3057.7	3066.1	3074.5	3082.9	3091.3	3100.1	3108.5	3116.9	3125.3	3133.7	3142.1	3150.5	3158.9	3167.3	3175.7	3184.1	3192.5	3200.9	3209.3	3217.7	3226.1	3234.5	3242.9	3251.3	3259.7	3268.1	3276.5	3284.9	3293.3	3301.7	3310.1	3318.5	3326.9	3335.3	3343.7	3352.1	3360.5	3368.9	3377.3	3385.7	3394.1	3402.5	3410.9	3419.3	3427.7	3436.1	3444.5	3452.9	3461.3	3469.7	3478.1	3486.5	3494.9	3503.3	3511.7	3520.1	3528.5	3536.9	3545.3	3553.7	3562.1	3570.5	3578.9	3587.3	3595.7	3604.1	3612.5	3620.9	3629.3	3637.7	3646.1	3654.5	3662.9	3671.3	3679.7	3688.1	3696.5	3704.9	3713.3	3721.7	3730.1	3738.5	3746.9	3755.3	3763.7	3772.1	3780.5	3788.9	3797.3	3805.7	3814.1	3822.5	3830.9	3839.3	3847.7	3856.1	3864.5	3872.9	3881.3	3889.7	3898.1	3906.5	3914.9	3923.3	3931.7	3940.1	3948.5	3956.9	3965.3	3973.7	3982.1	3990.5	3998.9	4007.3	4015.7	4024.1	4032.5	4040.9	4049.3	4057.7	4066.1	4074.5	4082.9	4091.3	4100.1	4108.5	4116.9	4125.3	4133.7	4142.1	4150.5	4158.9	4167.3	4175.7	4184.1	4192.5	4200.9	4209.3	4217.7	4226.1	4234.5	4242.9	4251.3	4259.7	4268.1	4276.5	4284.9	4293.3	4301.7	4310.1	4318.5	4326.9	4335.3	4343.7	4352.1	4360.5	4368.9	4377.3	4385.7	4394.1	4402.5	4410.9	4419.3	4427.7	4436.1	4444.5	4452.9	4461.3	4469.7	4478.1	4486.5	4494.9	4503.3	4511.7	4520.1	4528.5	4536.9	4545.3	4553.7	4562.1	4570.5	4578.9	4587.3	4595.7	4604.1	4612.5	4620.9	4629.3	4637.7	4646.1	4654.5	4662.9	4671.3	4679.7	4688.1	4696.5	4704.9	4713.3	4721.7	4730.1	4738.5	4746.9	4755.3	4763.7	4772.1	4780.5	4788.9	4797.3	4805.7	4814.1	4822.5	4830.9	4839.3	4847.7	4856.1	4864.5	4872.9	4881.3	4889.7	4898.1	4906.5	4914.9	4923.3	4931.7	4940.1	4948.5	4956.9	4965.3	4973.7	4982.1	4990.5	4998.9	5007.3	5015.7	5024.1	5032.5	5040.9	5049.3	5057.7	5066.1	5074.5	5082.9	5091.3	5100.1	5108.5	5116.9	5125.3	5133.7	5142.1	5150.5	5158.9	5167.3	5175.7	5184.1	5192.5	5200.9	5209.3	5217.7	5226.1	5234.5	5242.9	5251.3	5259.7	5268.1	5276.5	5284.9	5293.3	5301.7	5310.1	5318.5	5326.9	5335.3	5343.7	5352.1	5360.5	5368.9	5377.3	5385.7	5394.1	5402.5	5410.9	5419.3	5427.7	5436.1	5444.5	5452.9	5461.3	5469.7	5478.1	5486.5	5494.9	5503.3	5511.7	5520.1	5528.5	5536.9	5545.3	5553.7	5562.1	5570.5	5578.9	5587.3	5595.7	5604.1	5612.5	5620.9	5629.3	5637.7	5646.1	5654.5	5662.9	5671.3	5679.7	5688.1	5696.5	5704.9	5713.3	5721.7	5730.1	5738.5	5746.9	5755.3	5763.7	5772.1	5780.5	5788.9	5797.3	5805.7	5814.1	5822.5	5830.9	5839.3	5847.7	5856.1	5864.5	5872.9	5881.3	5889.7	5898.1	5906.5	5914.9	5923.3	5931.7	5940.1	5948.5	5956.9	5965.3	5973.7	5982.1	5990.5	5998.9	6007.3	6015.7	6024.1	6032.5	6040.9	6049.3	6057.7	6066.1	6074.5	6082.9	6091.3	6100.1	6108.5	6116.9	6125.3	6133.7	6142.1	6150.5	6158.9	6167.3	6175.7	6184.1	6192.5	6200.9	6209.3	6217.7	6226.1	6234.5	6242.9	6251.3	6259.7	6268.1	6276.5	6284.9	6293.3	6301.7	6310.1	6318.5	6326.9	6335.3	6343.7	6352.1	6360.5	6368.9	6377.3	6385.7	6394.1	6402.5	6410.9	6419.3	6427.7	6436.1	6444.5	6452.9	6461.3	6469.7	6478.1	6486.5	6494.9	6503.3	6511.7	6520.1	6528.5	6536.9	6545.3	6553.7	6562.1	6570.5	6578.9	6587.3	6595.7	6604.1	6612.5	6620.9	6629.3	6637.7	6646.1	6654.5	6662.9	6671.3	6679.7	6688.1	6696.5	6704.9	6713.3	6721.7	6730.1	6738.5	6746.9	6755.3	6763.7	6772.1	6780.5	6788.9	6797.3	6805.7	6814.1	6822.5	6830.9	6839.3	6847.7	6856.1	6864.5	6872.9	6881.3	6889.7	6898.1	6906.5	6914.9	6923.3	6931.7	6940.1	6948.5	6956.9	6965.3	6973.7	6982.1	6990.5	6998.9	7007.3	7015.7	7024.1	7032.5	7040.9	7049.3	7057.7	7066.1	7074.5	7082.9	7091.3	7100.1	7108.5	7116.9	7125.3	7133.7	7142.1	7150.5	7158.9	7167.3	7175.7	7184.1	7192.5	7200.9	7209.3	7217.7	7226.1	7234.5	7242.9	7251.3	7259.7	7268.1	7276.5	7284.9	7293.3	7301.7	7310.1	7318.5	7326.9	7335.3	7343.7	7352.1	7360.5	7368.9	7377.3	7385.7	7394.1	7402.5	7410.9	7419.3	7427.7	7436.1	7444.5	7452.9	7461.3	7469.7	7478.1	7486.5	7494.9	7503.3	7511.7	7520.1	7528.5	7536.9	7545.3	7553.7	7562.1	7570.5	7578.9	7587.3	7595.7	7604.1	7612.5	7620.9	7629.3	7637.7	7646.1	7654.5	7662.9	7671.3	7679.7	7688.1	7696.5	7704.9	7713.3	7721.7	7730.1	7738.5	7746.9	7755.3	7763.7	7772.1	7780.5	7788.9	7797.3	7805.7	7814.1	7822.5	7830.9	7839.3	7847.7	7856.1	7864.5	7872.9	7881.3	7889.7	7898.1	7906.5	7914.9	7923.3	7931.7	7940.1	7948.5	7956.9	7965.3	7973.7	7982.1	7990.5	7998.9	8007.3	8015.7	8024.1	8032.5	8040.9	8049.3	8057.7	8066.1	8074.5	8082.9	8091.3	8100.1	8108.5	8116.9	8125.3	8133.7	8142.1	8150.5	8158.9	8167.3	8175.7	8184.1	8192.5	8200.9	8209.3	8217.7	8226.1	8234.5	8242.9	8251.3	8259.7	8268.1	8276.5	8284.9	8293.3	8301.7	8310.1	8318.5	8326.9	8335.3	8343.7	8352.1	8360.5	8368.9	8377.3	8385.7	8394.1	8402.5	8410.9	8419.3	8427.7	8436.1	8444.5	8452.9	8461.3	8469.7	8478.1	8486.5	8494.9	8503.3	8511.7	8520.1	8528.5	8536.9	8545.3	8553.7	8562.1	8570.5	8578.9	8587.3	8595.7	8604.1	8612.5	8620.9	8629.3	8637.7	8646.1	8654.5	8662.9	8671.3	8679.7	8688.1	869

Tabla F.4. Vapor sobrecalentado, unidades inglesas (Continúa)

P (psia) (t = / °F)	TEMPERATURA: t (°F)															
	liq.		vap.		700		800		900		1000		1100		1200	
	sat.	sat.	sat.	sat.	sat.	sat.	sat.	sat.	sat.	sat.	sat.	sat.	sat.	sat.	sat.	sat.
80 (312.04)	V	0.0176	5.471	7.794	8.560	9.319	10.08	10.83	11.58	12.33						
	U	281.89	1102.1	1215.5	1253.8	1292.5	1332.0	1372.3	1413.4	1455.4						
	H	282.15	1183.1	1330.9	1380.5	1430.5	1481.1	1532.6	1584.9	1638.0						
	S	0.4534	1.6208	1.7842	1.8289	1.8702	1.9089	1.9454	1.9800	2.0131						
85 (316.26)	V	0.0176	5.167	7.330	8.052	8.768	9.480	10.19	10.90	11.60						
	U	286.24	1102.9	1215.3	1253.6	1292.4	1331.9	1372.2	1413.3	1455.4						
	H	286.52	1184.2	1330.6	1380.2	1430.3	1481.0	1532.4	1584.7	1637.9						
	S	0.4590	1.6159	1.7772	1.8220	1.8634	1.9021	1.9386	1.9733	2.0063						
90 (320.28)	V	0.0177	4.895	6.917	7.600	8.277	8.950	9.621	10.29	10.96						
	U	290.40	1103.7	1275.0	1253.4	1292.2	1331.7	1372.0	1413.2	1455.3						
	H	290.69	1185.3	1330.2	1380.0	1430.1	1480.8	1532.3	1584.6	1637.8						
	S	0.4643	1.6113	1.7707	1.8156	1.8570	1.8957	1.9323	1.9669	2.0000						
95 (324.13)	V	0.0177	4.651	6.548	7.196	7.838	8.477	9.113	9.747	10.38						
	U	294.38	1104.5	1214.8	1253.2	1292.1	1331.6	1371.9	1413.1	1455.2						
	H	294.70	1186.2	1329.9	1379.7	1429.9	1480.6	1532.1	1584.5	1637.7						
	S	0.4694	1.6069	1.7645	1.8094	1.8509	1.8897	1.9262	1.9609	1.9940						
100 (327.82)	V	0.0177	4.431	6.216	6.833	7.443	8.050	8.655	9.258	9.860						
	U	298.21	1105.2	1214.5	1253.0	1291.9	1331.5	1371.8	1413.0	1455.1						
	H	298.54	1187.2	1329.6	1379.5	1429.7	1480.4	1532.0	1584.4	1637.6						
	S	0.4743	1.6027	1.7586	1.8036	1.8451	1.8839	1.9205	1.9552	1.9883						
105 (331.37)	V	0.0178	4.231	5.915	6.504	7.086	7.665	8.241	8.816	9.389						
	U	301.89	1105.8	1214.3	1252.8	1291.8	1331.3	1371.7	1412.9	1455.0						
	H	302.24	1188.0	1329.2	1379.2	1429.4	1480.3	1531.8	1584.2	1637.5						
	S	0.4790	1.5988	1.7530	1.7981	1.8396	1.8785	1.9151	1.9498	1.9828						
110 (334.79)	V	0.0178	4.048	5.642	6.205	6.761	7.314	7.865	8.413	8.961						
	U	305.44	1106.5	1214.0	1252.7	1291.6	1331.2	1371.6	1412.8	1455.0						
	H	305.80	1188.9	1328.9	1378.9	1429.2	1480.1	1531.7	1584.1	1637.4						
	S	0.4834	1.5950	1.7476	1.7928	1.8344	1.8732	1.9099	1.9446	1.9777						
115 (338.08)	V	0.0179	3.881	5.392	5.932	6.465	6.994	7.521	8.046	8.570						
	U	308.87	1107.0	1213.8	1252.5	1291.5	1331.1	1371.5	1412.8	1454.9						
	H	309.25	1189.6	1328.6	1378.7	1429.0	1479.9	1531.6	1584.0	1637.2						
	S	0.4877	1.5913	1.7425	1.7877	1.8294	1.8682	1.9049	1.9396	1.9727						

120	V	0.0179	3.728	5.164	5.681	6.193	6.701	7.206	7.710	8.212
(341.27)	U	312.19	1107.6	1213.5	1252.3	1291.3	1331.0	1371.4	1412.7	1454.8
	H	312.58	1190.4	1328.2	1378.4	1428.8	1479.8	1531.4	1583.9	1637.1
	S	0.4919	1.5879	1.7376	1.7829	1.8246	1.8635	1.9001	1.9349	1.9680
125	V	0.0179	3.586	4.953	5.451	5.943	6.431	6.916	7.400	7.882
(344.35)	U	315.40	1108.1	1213.3	1252.1	1291.2	1330.8	1371.3	1412.6	1454.7
	H	315.82	1191.1	1327.9	1378.2	1428.6	1479.6	1531.3	1583.7	1637.0
	S	0.4959	1.5845	1.7328	1.7782	1.8199	1.8589	1.8955	1.9303	1.9634
130	V	0.0180	3.454	4.759	5.238	5.712	6.181	6.649	7.114	7.578
(347.33)	U	318.52	1108.6	1213.0	1251.9	1291.0	1330.7	1371.2	1412.5	1454.6
	H	318.95	1191.7	1327.5	1377.9	1428.4	1479.4	1531.1	1583.6	1636.9
	S	0.4998	1.5813	1.7283	1.7737	1.8155	1.8545	1.8911	1.9259	1.9591
135	V	0.0180	3.332	4.579	5.042	5.498	5.951	6.401	6.849	7.296
(350.23)	U	321.55	1109.1	1212.8	1251.7	1290.9	1330.6	1371.1	1412.4	1454.5
	H	322.00	1192.4	1327.2	1377.7	1428.2	1479.2	1530.8	1583.5	1636.8
	S	0.5035	1.5782	1.7239	1.7694	1.8112	1.8502	1.8869	1.9217	1.9548
140	V	0.0180	3.219	4.412	4.859	5.299	5.736	6.171	6.604	7.035
(353.04)	U	324.49	1109.6	1212.5	1251.5	1290.7	1330.5	1371.0	1412.3	1454.5
	H	324.96	1193.0	1326.8	1377.4	1428.0	1479.1	1530.8	1583.4	1636.7
	S	0.5071	1.5752	1.7196	1.7652	1.8071	1.8461	1.8828	1.9176	1.9508
145	V	0.0181	3.113	4.256	4.689	5.115	5.537	5.957	6.375	6.791
(355.77)	U	327.36	1110.0	1212.3	1251.3	1290.6	1330.3	1370.9	1412.2	1454.4
	H	327.84	1193.5	1326.5	1377.1	1427.8	1478.9	1530.7	1583.2	1636.6
	S	0.5107	1.5723	1.7155	1.7612	1.8031	1.8421	1.8789	1.9137	1.9469
150	V	0.0181	3.014	4.111	4.530	4.942	5.351	5.757	6.161	6.564
(358.43)	U	330.15	1110.4	1212.0	1251.1	1290.4	1330.2	1370.7	1412.1	1454.3
	H	330.65	1194.1	1326.1	1376.9	1427.6	1478.7	1530.5	1583.1	1636.5
	S	0.5141	1.5695	1.7115	1.7573	1.7992	1.8383	1.8751	1.9099	1.9431
155	V	0.0181	2.921	3.975	4.381	4.781	5.177	5.570	5.961	6.352
(361.02)	U	332.87	1110.8	1211.8	1251.0	1290.3	1330.1	1370.6	1412.0	1454.2
	H	333.39	1194.6	1325.8	1376.6	1427.4	1478.6	1530.4	1583.0	1636.4
	S	0.5174	1.5668	1.7077	1.7535	1.7955	1.8346	1.8714	1.9062	1.9394
160	V	0.0182	2.834	3.848	4.242	4.629	5.013	5.395	5.774	6.152
(363.55)	U	335.53	1111.2	1211.5	1250.8	1290.1	1330.0	1370.5	1411.9	1454.1
	H	336.07	1195.1	1325.4	1376.4	1427.2	1478.4	1530.3	1582.9	1636.3
	S	0.5206	1.5641	1.7039	1.7499	1.7919	1.8310	1.8678	1.9027	1.9359

Tabla F.4. Vapor sobrecalentado, unidades inglesas (Continúa)

P (psia) (t° / °F)	v	h	s	TEMPERATURA: t (°F)										
				liq.		vap. sat.		400	420	440	460	480	500	550
				sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.
165 (366.02)	V	U	H	0.0182	338.12	1111.6	2.751	2.908	2.997	3.083	3.168	3.251	3.333	3.533
	U			0.5238	338.68	1195.6	1.5616	1.5864	1.6000	1.6129	1.6252	1.6370	1.6484	1.6753
170 (368.42)	V	U	H	0.0182	340.66	1111.9	2.674	2.816	2.903	2.987	3.070	3.151	3.231	3.425
	U			0.5269	341.24	1196.0	1.5591	1.5823	1.5960	1.6090	1.6214	1.6333	1.6447	1.6717
175 (370.77)	V	U	H	0.0182	343.15	1112.2	2.601	2.729	2.814	2.897	2.977	3.056	3.134	3.324
	U			0.5299	343.74	1196.4	1.5567	1.5783	1.5921	1.6051	1.6176	1.6296	1.6411	1.6682
180 (373.08)	V	U	H	0.0183	345.58	1112.5	2.531	2.647	2.730	2.811	2.890	2.967	3.043	3.229
	U			0.5328	346.19	1196.9	1.5543	1.5743	1.5882	1.6014	1.6140	1.6260	1.6376	1.6647
184 (375.33)	V	U	H	0.0183	347.96	1112.8	2.465	2.570	2.651	2.730	2.807	2.883	2.957	3.138
	U			0.5356	348.58	1197.2	1.5520	1.5705	1.5845	1.5978	1.6104	1.6225	1.6341	1.6614
190 (377.53)	V	U	H	0.0184	350.29	1113.1	2.403	2.496	2.576	2.654	2.729	2.803	2.876	3.052
	U			0.5384	350.94	1197.6	1.5498	1.5667	1.5808	1.5942	1.6069	1.6191	1.6307	1.6581
195 (379.69)	V	U	H	0.0184	352.56	1113.4	2.344	2.426	2.505	2.581	2.655	2.727	2.798	2.971
	U			0.5412	353.24	1198.0	1.5476	1.5630	1.5772	1.5907	1.6035	1.6157	1.6274	1.6549
200 (381.80)	V	U	H	0.0184	354.82	1113.7	2.287	2.360	2.437	2.511	2.584	2.655	2.725	2.894
	U			0.5438	355.51	1198.3	1.5454	1.5593	1.5737	1.5872	1.6001	1.6124	1.6242	1.6518

Tabla F.4. Vapor sobrecalentado, unidades inglesas (Continúa)

P (psia) (t° / °F)	liq. sat.	vap. sat.	TEMPERATURA: t (°F)							
			600	700	800	900	1 000	1 100	1 200	
165 (366.02)	V	0.0182	3.728	4.111	4.487	4.860	5.230	5.598	5.965	
	U	338.12	1211.3	1250.6	1289.9	1329.8	1370.4	1411.8	1454.1	
	H	338.68	1325.1	1376.1	1427.0	1478.2	1530.1	1582.7	1636.2	
	S	0.5238	1.7003	1.7463	1.7884	1.8275	1.8643	1.8992	1.9324	
170 (368.42)	V	0.0182	3.616	3.988	4.354	4.715	5.075	5.432	5.789	
	U	340.66	1211.0	1250.4	1289.8	1329.7	1370.3	1411.7	1454.0	
	H	341.24	1324.7	1375.8	1426.8	1478.0	1530.0	1582.6	1636.1	
	S	0.5269	1.6968	1.7428	1.7850	1.8241	1.8610	1.8959	1.9291	
175 (370.77)	V	0.0182	3.510	3.872	4.227	4.579	4.929	5.276	5.623	
	U	343.15	1210.7	1250.2	1289.6	1329.6	1370.2	1411.6	1453.9	
	H	343.74	1324.4	1375.6	1426.5	1477.9	1529.8	1582.5	1636.0	
	S	0.5299	1.6933	1.7395	1.7816	1.8208	1.8577	1.8926	1.9258	
180 (373.08)	V	0.0183	3.409	3.762	4.108	4.451	4.791	5.129	5.466	
	U	345.58	1210.5	1250.0	1289.5	1329.4	1370.1	1411.5	1453.8	
	H	346.19	1324.0	1375.3	1426.3	1477.7	1529.7	1582.4	1635.9	
	S	0.5328	1.6900	1.7362	1.7784	1.8176	1.8545	1.8894	1.9227	
185 (375.33)	V	0.0183	3.314	3.658	3.996	4.329	4.660	4.989	5.317	
	U	347.96	1210.2	1249.8	1289.3	1329.3	1370.0	1411.4	1453.7	
	H	348.58	1323.7	1375.1	1426.1	1477.5	1529.5	1582.3	1635.8	
	S	0.5356	1.6867	1.7330	1.7753	1.8145	1.8514	1.8864	1.9196	
190 (377.53)	V	0.0183	3.225	3.560	3.889	4.214	4.536	4.857	5.177	
	U	350.29	1209.9	1249.6	1289.2	1329.2	1369.9	1411.3	1453.7	
	H	350.94	1323.3	1374.8	1425.9	1477.4	1529.4	1582.1	1635.7	
	S	0.5384	1.6835	1.7299	1.7722	1.8115	1.8484	1.8834	1.9166	
195 (379.69)	V	0.0184	3.139	3.467	3.788	4.105	4.419	4.732	5.043	
	U	352.58	1209.7	1249.4	1289.0	1329.1	1369.8	1411.3	1453.6	
	H	353.24	1323.0	1374.5	1425.7	1477.2	1529.2	1582.0	1635.6	
	S	0.5412	1.6804	1.7269	1.7692	1.8085	1.8455	1.8804	1.9137	
200 (381.80)	V	0.0184	3.058	3.378	3.691	4.001	4.308	4.613	4.916	
	U	354.82	1209.4	1249.2	1288.9	1329.0	1369.7	1411.2	1453.5	
	H	355.51	1322.6	1374.3	1425.5	1477.0	1529.1	1581.9	1635.4	
	S	0.5438	1.6773	1.7239	1.7663	1.8057	1.8426	1.8776	1.9109	

Tabla F.4. Vapor sobrecalentado, unidades inglesas (Continúa)

P (psia) (t° / °F)		TEMPERATURA: t (°F)													
		420		440		460		480		500		520		550	
		vap.		vap.		vap.		vap.		vap.		vap.		vap.	
		liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.	liq.	sat.
250	V	0.0187	1.8432	1.907	1.970	2.032	2.092	2.150	2.207	2.261	2.317	2.374	2.431	2.488	2.545
(400.97)	U	375.28	1115.8	1125.8	1135.9	1145.6	1154.9	1164.0	1172.9	1181.8	1190.6	1199.3	1208.0	1216.7	1225.4
	H	376.14	1201.1	1214.0	1227.1	1239.6	1251.7	1263.5	1275.0	1286.1	1297.0	1307.7	1318.3	1328.8	1339.3
	S	0.5679	1.5264	1.5413	1.5559	1.5697	1.5827	1.5951	1.6070	1.6189	1.6308	1.6427	1.6546	1.6665	1.6784
255	V	0.0187	1.8080	1.865	1.928	1.989	2.048	2.105	2.161	2.217	2.273	2.329	2.385	2.441	2.497
(402.72)	U	377.15	1116.0	1125.1	1135.3	1145.0	1154.5	1163.6	1172.5	1181.5	1190.4	1199.2	1208.0	1216.7	1225.4
	H	378.04	1201.3	1213.1	1226.3	1238.9	1251.1	1262.9	1274.5	1285.9	1297.2	1308.4	1319.5	1330.6	1341.7
	S	0.5701	1.5247	1.5383	1.5530	1.5669	1.5800	1.5925	1.6044	1.6163	1.6282	1.6401	1.6520	1.6639	1.6758
260	V	0.0187	1.7742	1.825	1.887	1.947	2.005	2.062	2.117	2.172	2.227	2.282	2.337	2.392	2.447
(404.44)	U	379.00	1116.2	1124.5	1134.7	1144.5	1154.0	1163.1	1172.1	1181.1	1190.0	1198.8	1207.6	1216.4	1225.2
	H	379.90	1201.5	1212.2	1225.5	1238.2	1250.4	1262.4	1274.0	1285.9	1297.9	1309.9	1321.9	1333.9	1345.9
	S	0.5722	1.5230	1.5353	1.5502	1.5642	1.5774	1.5899	1.6019	1.6139	1.6259	1.6379	1.6499	1.6619	1.6739
265	V	0.0187	1.7416	1.786	1.848	1.907	1.964	2.020	2.075	2.129	2.184	2.238	2.292	2.346	2.400
(406.13)	U	380.83	1116.3	1123.8	1134.1	1144.0	1153.5	1162.7	1171.7	1180.6	1189.4	1198.2	1207.0	1215.8	1224.6
	H	381.74	1201.7	1211.3	1224.7	1237.5	1249.8	1261.8	1273.4	1284.9	1296.4	1307.9	1319.4	1330.9	1342.4
	S	0.5743	1.5214	1.5324	1.5474	1.5614	1.5747	1.5873	1.5993	1.6113	1.6233	1.6353	1.6473	1.6593	1.6713
270	V	0.0188	1.7101	1.749	1.810	1.868	1.925	1.980	2.034	2.087	2.140	2.193	2.246	2.299	2.352
(407.80)	U	382.62	1116.5	1123.1	1133.5	1143.4	1153.0	1162.3	1171.3	1180.1	1188.9	1197.6	1206.3	1215.0	1223.7
	H	383.56	1201.9	1210.4	1223.9	1236.7	1249.2	1261.2	1272.9	1284.5	1296.1	1307.7	1319.3	1330.9	1342.4
	S	0.5764	1.5197	1.5295	1.5446	1.5588	1.5721	1.5848	1.5969	1.6089	1.6209	1.6329	1.6449	1.6569	1.6689
275	V	0.0188	1.6798	1.713	1.773	1.831	1.887	1.941	1.994	2.046	2.098	2.150	2.202	2.254	2.306
(409.45)	U	384.40	1116.6	1122.3	1132.8	1142.9	1152.5	1161.8	1170.9	1179.9	1188.8	1197.6	1206.3	1215.0	1223.7
	H	385.35	1202.1	1209.5	1223.1	1236.0	1248.5	1260.6	1272.4	1284.1	1295.8	1307.5	1319.2	1330.9	1342.4
	S	0.5784	1.5181	1.5266	1.5419	1.5561	1.5696	1.5823	1.5944	1.6065	1.6186	1.6307	1.6428	1.6549	1.6670
280	V	0.0188	1.6505	1.678	1.738	1.795	1.850	1.904	1.956	2.008	2.060	2.112	2.164	2.216	2.268
(411.07)	U	386.15	1116.7	1121.6	1132.2	1142.3	1152.0	1161.4	1170.5	1179.5	1188.4	1197.2	1206.0	1214.8	1223.6
	H	387.12	1202.3	1208.6	1222.2	1235.3	1247.9	1260.0	1271.9	1283.8	1295.7	1307.6	1319.5	1331.4	1343.3
	S	0.5805	1.5166	1.5238	1.5391	1.5535	1.5670	1.5798	1.5920	1.6042	1.6164	1.6286	1.6408	1.6530	1.6652
285	V	0.0188	1.6222	1.645	1.704	1.760	1.815	1.868	1.919	1.970	2.021	2.072	2.123	2.174	2.225
(412.67)	U	387.88	1116.9	1120.9	1131.6	1141.7	1151.5	1160.9	1170.1	1179.1	1188.1	1197.0	1205.9	1214.8	1223.7
	H	388.87	1202.4	1207.6	1221.4	1234.6	1247.2	1259.4	1271.4	1283.4	1295.4	1307.4	1319.4	1331.4	1343.4
	S	0.5824	1.5150	1.5210	1.5365	1.5509	1.5645	1.5774	1.5897	1.6019	1.6142	1.6264	1.6387	1.6510	1.6633

MARKET	CYCLE	START	END	START	END	START	END	START	END	START	END	START	END	START	END
280	V	0.0188	1.5948	1.612	1.671	1.727	1.780	1.833	1.884	1.937	1.958	1.984	2.037	2.090	2.143
(414.25)	U	388.59	1117.0	1120.2	1130.9	1141.2	1151.0	1160.5	1169.7	1179.0	1183.1	1188.4	1197.7	1207.0	1216.3
	H	390.60	1202.6	1206.7	1220.6	1233.8	1246.6	1258.9	1270.8	1282.7	1288.1	1293.5	1304.8	1316.1	1327.4
	S	0.5844	1.5135	1.5182	1.5338	1.5484	1.5621	1.5750	1.5873	1.6000	1.6048	1.6161	1.6274	1.6387	1.6500
295	V	0.0189	1.5684	1.581	1.639	1.694	1.747	1.799	1.849	1.902	1.922	1.971	2.020	2.069	2.118
(415.81)	U	391.27	1117.1	1119.5	1130.3	1140.6	1150.5	1160.0	1169.3	1178.6	1182.7	1191.9	1201.2	1210.5	1219.8
	H	392.30	1202.7	1205.8	1219.7	1233.1	1245.9	1258.3	1270.2	1281.7	1287.7	1297.0	1306.3	1315.6	1324.9
	S	0.5863	1.5120	1.5155	1.5312	1.5458	1.5596	1.5726	1.5850	1.5975	1.6025	1.6140	1.6255	1.6370	1.6485
300	V	0.0189	1.5427	1.551	1.608	1.663	1.715	1.766	1.816	1.868	1.888	1.937	1.986	2.035	2.084
(417.35)	U	392.94	1117.2	1118.7	1129.6	1140.0	1150.0	1159.6	1168.9	1178.2	1182.4	1191.7	1201.0	1210.3	1219.6
	H	393.99	1202.9	1204.8	1218.9	1232.3	1245.2	1257.7	1269.7	1281.2	1287.2	1296.5	1305.8	1315.1	1324.4
	S	0.5882	1.5105	1.5127	1.5286	1.5433	1.5572	1.5703	1.5827	1.5951	1.6003	1.6118	1.6233	1.6348	1.6463
310	V	0.0189	1.4939	.....	1.549	1.603	1.655	1.704	1.753	1.802	1.823	1.871	1.920	1.969	2.018
(420.36)	U	396.21	1117.5	.....	1128.3	1138.9	1149.0	1158.7	1168.1	1177.4	1181.7	1191.1	1200.4	1209.7	1219.0
	H	397.30	1203.2	.....	1217.2	1230.8	1243.9	1256.5	1268.6	1280.3	1286.3	1295.6	1304.9	1314.2	1323.5
	S	0.5920	1.5076	.....	1.5234	1.5384	1.5525	1.5657	1.5782	1.5907	1.5960	1.6075	1.6190	1.6305	1.6420
320	V	0.0190	1.4480	.....	1.494	1.547	1.597	1.646	1.694	1.742	1.762	1.810	1.858	1.906	1.954
(423.31)	U	399.41	1117.7	.....	1127.0	1137.7	1147.9	1157.8	1167.2	1176.6	1181.0	1190.4	1200.0	1209.6	1219.2
	H	400.53	1203.4	.....	1215.5	1229.3	1242.5	1255.2	1267.5	1279.8	1285.3	1294.7	1304.1	1313.5	1322.9
	S	0.5956	1.5048	.....	1.5184	1.5336	1.5478	1.5612	1.5739	1.5866	1.5918	1.6033	1.6148	1.6263	1.6378
330	V	0.0190	1.4048	.....	1.442	1.494	1.544	1.591	1.638	1.685	1.705	1.753	1.801	1.849	1.897
(426.18)	U	402.53	1117.8	.....	1125.7	1136.6	1146.9	1156.8	1166.4	1175.9	1180.2	1189.7	1199.2	1208.7	1218.2
	H	403.70	1203.6	.....	1213.8	1227.8	1241.2	1254.0	1266.4	1278.8	1284.4	1293.9	1303.4	1312.9	1322.4
	S	0.5991	1.5021	.....	1.5134	1.5289	1.5433	1.5568	1.5696	1.5821	1.5876	1.5991	1.6106	1.6221	1.6336
340	V	0.0191	1.3640	.....	1.393	1.444	1.493	1.540	1.585	1.632	1.651	1.700	1.749	1.798	1.847
(428.98)	U	405.60	1118.0	.....	1124.3	1135.4	1145.8	1155.9	1165.6	1175.5	1179.8	1189.1	1198.4	1207.7	1217.0
	H	406.80	1203.8	.....	1212.0	1226.2	1239.8	1252.8	1265.3	1277.8	1283.4	1292.7	1302.0	1311.3	1320.6
	S	0.6026	1.4994	.....	1.5086	1.5242	1.5388	1.5525	1.5654	1.5783	1.5836	1.5951	1.6066	1.6181	1.6296
350	V	0.0191	1.3255	.....	1.347	1.397	1.445	1.491	1.536	1.583	1.600	1.649	1.698	1.747	1.796
(431.73)	U	408.59	1118.1	.....	1123.0	1134.2	1144.8	1154.9	1164.7	1174.8	1178.8	1188.1	1197.4	1206.7	1216.0
	H	409.83	1204.0	.....	1210.2	1224.7	1238.4	1251.5	1264.2	1276.7	1282.4	1291.7	1301.0	1310.3	1319.6
	S	0.6059	1.4968	.....	1.5038	1.5197	1.5344	1.5483	1.5613	1.5742	1.5797	1.5912	1.6027	1.6142	1.6257
360	V	0.0192	1.2891	.....	1.303	1.353	1.400	1.445	1.491	1.536	1.552	1.601	1.650	1.699	1.748
(434.41)	U	411.53	1118.3	.....	1121.6	1132.9	1143.7	1154.0	1163.9	1173.8	1178.1	1187.4	1196.7	1206.0	1215.3
	H	412.81	1204.1	.....	1208.4	1223.1	1237.0	1250.3	1263.1	1275.8	1281.5	1290.8	1300.1	1309.4	1318.7
	S	0.6092	1.4943	.....	1.4990	1.5152	1.5301	1.5441	1.5573	1.5704	1.5758	1.5873	1.5988	1.6103	1.6218

1998-2007 Annual Report of the United States Trade Representative
 Table A.1: United States Trade Representative, 1998-2007

Tabla F.4. Vapor sobrecalentado, unidades inglesas (Continúa)

P (psia) (t ³ / °F)	liq.		vap.		TEMPERATURA: t (°F)							
	sat.	0.0187	sat.	1.8432	600	700	800	900	1000	1100	1200	
250 (400.97)	V	0.0187	1.8432	2.426	2.687	2.941	3.191	3.438	3.684	3.928		
	U	375.28	1115.8	1206.7	1247.3	1287.3	1327.7	1368.6	1410.2	1452.7		
	H	376.14	1201.1	1319.0	1371.6	1423.4	1475.3	1527.6	1580.5	1634.4		
255 (402.72)	S	0.5679	1.5264	1.6502	1.6976	1.7405	1.7801	1.8173	1.8524	1.8858		
	V	0.0187	1.8080	2.377	2.633	2.882	3.127	3.370	3.611	3.850		
	U	377.15	1116.0	1206.5	1247.1	1287.2	1327.5	1368.5	1410.1	1452.6		
260 (404.44)	H	378.04	1201.3	1318.6	1371.3	1423.2	1475.1	1527.5	1580.5	1634.3		
	S	0.5701	1.5247	1.6477	1.6953	1.7382	1.7778	1.8150	1.8502	1.8836		
	V	0.0187	1.7742	2.329	2.581	2.826	3.066	3.304	3.541	3.776		
265 (406.13)	U	379.00	1116.2	1206.2	1246.9	1287.0	1327.4	1368.4	1410.0	1452.5		
	H	379.90	1201.5	1318.2	1371.1	1423.0	1474.9	1527.3	1580.4	1634.2		
	S	0.5722	1.5230	1.6453	1.6930	1.7359	1.7756	1.8128	1.8480	1.8814		
270 (407.80)	V	0.0187	1.7416	2.283	2.531	2.771	3.007	3.241	3.473	3.704		
	U	380.83	1116.3	1205.9	1246.7	1286.9	1327.3	1368.2	1409.9	1452.4		
	H	381.74	1201.7	1317.9	1370.8	1422.8	1474.8	1527.2	1580.3	1634.1		
275 (409.45)	S	0.5743	1.5214	1.6430	1.6907	1.7337	1.7734	1.8106	1.8458	1.8792		
	V	0.0188	1.7101	2.239	2.482	2.719	2.951	3.181	3.408	3.635		
	U	382.62	1116.5	1205.6	1246.5	1286.7	1327.2	1368.1	1409.8	1452.3		
280 (411.07)	H	383.56	1201.9	1317.5	1370.5	1422.6	1474.6	1527.0	1580.1	1634.0		
	S	0.5764	1.5197	1.6406	1.6885	1.7315	1.7713	1.8085	1.8437	1.8771		
	V	0.0188	1.6798	2.196	2.436	2.668	2.896	3.122	3.346	3.568		
285 (412.67)	U	384.40	1116.6	1205.4	1246.3	1286.6	1327.0	1368.0	1409.8	1452.3		
	H	385.35	1202.1	1317.1	1370.3	1422.4	1474.4	1526.9	1580.0	1633.9		
	S	0.5784	1.5181	1.6384	1.6863	1.7294	1.7691	1.8064	1.8416	1.8750		
285 (412.67)	V	0.0188	1.6505	2.155	2.391	2.619	2.844	3.066	3.286	3.504		
	U	386.15	1116.7	1205.1	1246.1	1286.4	1326.9	1367.9	1409.7	1452.2		
	H	387.12	1202.3	1316.8	1370.0	1422.1	1474.2	1526.8	1579.9	1633.8		
285 (412.67)	S	0.5805	1.5166	1.6361	1.6841	1.7273	1.7671	1.8043	1.8395	1.8730		
	V	0.0188	1.6222	2.115	2.348	2.572	2.793	3.011	3.227	3.442		
	U	387.88	1116.9	1204.8	1245.9	1286.3	1326.8	1367.8	1409.6	1452.1		
285 (412.67)	H	388.87	1202.4	1316.4	1369.7	1421.9	1474.1	1526.6	1579.8	1633.6		
	S	0.5824	1.5150	1.6339	1.6820	1.7252	1.7650	1.8023	1.8375	1.8710		

290	V	0.0188	1,5948	2,077	2,906	2,527	2,744	2,958	3,171	3,382
(414.25)	U	389.59	1117.0	1204.5	1245.7	1286.1	1326.6	1367.7	1409.5	1452.0
	H	390.60	1202.6	1316.0	1369.5	1421.7	1473.9	1526.5	1579.6	1633.5
	S	0.5844	1,5135	1,6317	1,6799	1,7232	1,7630	1,8003	1,8356	1,8690
295	V	0.0189	1,5684	2,040	2,265	2,483	2,697	2,908	3,117	3,325
(415.81)	U	391.27	1117.1	1204.3	1245.5	1286.0	1326.5	1367.6	1409.4	1451.9
	H	392.30	1202.7	1315.6	1369.2	1421.5	1473.7	1526.3	1579.5	1633.4
	S	0.5863	1,5120	1,6295	1,6779	1,7211	1,7610	1,7984	1,8336	1,8671
300	V	0.0189	1,5427	2,004	2,226	2,441	2,651	2,859	3,064	3,269
(417.35)	U	392.94	1117.2	1204.0	1245.3	1285.8	1326.4	1367.5	1409.3	1451.9
	H	393.99	1202.9	1315.2	1368.9	1421.3	1473.6	1526.2	1579.4	1633.3
	S	0.5882	1,5105	1,6274	1,6758	1,7192	1,7591	1,7964	1,8317	1,8652
310	V	0.0189	1,4939	1,936	2,152	2,360	2,564	2,765	2,964	3,162
(420.36)	U	396.21	1117.5	1203.4	1244.9	1285.5	1326.1	1367.3	1409.1	1451.7
	H	397.30	1203.2	1314.5	1368.4	1420.9	1473.2	1525.9	1579.2	1633.1
	S	0.5920	1,5076	1,6233	1,6719	1,7153	1,7553	1,7927	1,8280	1,8615
320	V	0.0190	1,4480	1,873	2,082	2,284	2,482	2,677	2,871	3,063
(423.31)	U	399.41	1117.7	1202.8	1244.5	1285.2	1325.9	1367.0	1408.9	1451.5
	H	400.53	1203.4	1313.7	1367.8	1420.4	1472.9	1525.6	1578.9	1632.9
	S	0.5956	1,5048	1,6192	1,6680	1,7116	1,7516	1,7890	1,8243	1,8579
330	V	0.0190	1,4048	1,813	2,017	2,213	2,405	2,595	2,783	2,969
(426.18)	U	402.53	1117.8	1202.3	1244.1	1284.9	1325.6	1366.8	1408.7	1451.4
	H	403.70	1203.6	1313.0	1367.3	1420.0	1472.5	1525.3	1578.7	1632.7
	S	0.5991	1,5021	1,6153	1,6643	1,7079	1,7480	1,7855	1,8208	1,8544
340	V	0.0191	1,3640	1,756	1,955	2,146	2,333	2,518	2,700	2,881
(428.98)	U	405.60	1118.0	1201.7	1243.7	1284.6	1325.4	1366.6	1408.5	1451.2
	H	406.80	1203.8	1312.2	1366.7	1419.6	1472.2	1525.0	1578.4	1632.5
	S	0.6026	1,4994	1,6114	1,6606	1,7044	1,7445	1,7820	1,8174	1,8510
350	V	0.0191	1,3255	1,703	1,897	2,083	2,265	2,444	2,622	2,798
(431.73)	U	408.59	1118.1	1201.1	1243.3	1284.2	1325.1	1366.4	1408.3	1451.0
	H	409.83	1204.0	1311.4	1366.2	1419.2	1471.8	1524.7	1578.2	1632.3
	S	0.6059	1,4968	1,6077	1,6571	1,7009	1,7411	1,7787	1,8141	1,8477
360	V	0.0192	1,2891	1,652	1,842	2,024	2,201	2,375	2,548	2,720
(434.41)	U	411.53	1118.3	1200.5	1242.9	1283.9	1324.8	1366.2	1408.2	1450.9
	H	412.81	1204.1	1310.6	1365.6	1418.7	1471.5	1524.4	1577.9	1632.1
	S	0.6092	1,4943	1,6040	1,6536	1,6976	1,7379	1,7754	1,8109	1,8445

Tabla F.4. Vapor sobrecalentado, unidades inglesas (Continúa)

P (psia) (t ² / °F)	liq. sat.	vap. sat.	TEMPERATURA: t (°F)									
			460	480	500	520	540	560	580			
370 (437.04)	V 0.0192	1.2546	1.311	1.357	1.402	1.445	1.486	1.527	1.566			
	U 414.41	1118.4	1131.7	1142.6	1153.0	1163.0	1172.6	1182.0	1191.0			
	H 415.73	1204.3	1221.4	1235.5	1249.0	1261.9	1274.4	1286.5	1298.3			
380 (439.61)	S 0.6125	1.4918	1.5107	1.5259	1.5401	1.5534	1.5660	1.5780	1.5894			
	V 0.0193	1.2218	1.271	1.317	1.361	1.403	1.444	1.483	1.522			
	U 417.24	1118.5	1130.4	1141.5	1152.0	1162.1	1171.8	1181.2	1190.4			
390 (442.13)	H 418.59	1204.4	1219.8	1234.1	1247.7	1260.8	1273.3	1285.5	1297.4			
	S 0.6156	1.4894	1.5063	1.5217	1.5360	1.5495	1.5622	1.5743	1.5858			
	V 0.0193	1.1906	1.233	1.278	1.321	1.363	1.403	1.442	1.480			
400 (444.60)	U 420.01	1118.6	1129.2	1140.4	1151.0	1161.2	1171.0	1180.5	1189.7			
	H 421.40	1204.5	1218.2	1232.6	1246.4	1259.6	1272.3	1284.6	1296.5			
	S 0.6187	1.4870	1.5020	1.5176	1.5321	1.5457	1.5585	1.5707	1.5823			
410 (447.02)	V 0.0194	1.1610	1.197	1.242	1.284	1.325	1.364	1.403	1.440			
	U 422.74	1118.7	1127.9	1139.3	1150.0	1160.3	1170.2	1179.8	1189.1			
	H 424.17	1204.6	1216.5	1231.2	1245.1	1258.4	1271.2	1283.6	1295.7			
420 (449.40)	S 0.6217	1.4847	1.4978	1.5136	1.5282	1.5420	1.5549	1.5672	1.5789			
	V 0.0194	1.1327	1.163	1.207	1.249	1.289	1.328	1.365	1.402			
	U 425.41	1118.7	1126.6	1138.1	1149.0	1159.4	1169.4	1179.1	1188.4			
430 (451.74)	H 426.88	1204.7	1214.8	1229.7	1243.8	1257.2	1270.2	1282.7	1294.8			
	S 0.6247	1.4825	1.4936	1.5096	1.5244	1.5383	1.5514	1.5637	1.5755			
	V 0.0194	1.1057	1.130	1.173	1.215	1.254	1.293	1.330	1.366			
440 (454.03)	U 428.05	1118.8	1125.3	1137.0	1148.0	1158.5	1168.6	1178.3	1187.8			
	H 429.56	1204.7	1213.1	1228.2	1242.4	1256.0	1269.1	1281.7	1293.9			
	S 0.6276	1.4802	1.4894	1.5056	1.5206	1.5347	1.5479	1.5603	1.5722			
450 (457.02)	V 0.0195	1.0800	1.099	1.142	1.183	1.222	1.259	1.296	1.331			
	U 430.64	1118.8	1123.9	1135.8	1147.0	1157.6	1167.8	1177.6	1187.1			
	H 432.19	1204.8	1211.4	1226.6	1241.1	1254.8	1268.0	1280.7	1293.0			
460 (460.03)	S 0.6304	1.4781	1.4853	1.5017	1.5169	1.5311	1.5444	1.5570	1.5689			
	V 0.0195	1.0554	1.069	1.111	1.152	1.190	1.227	1.263	1.298			
	U 433.19	1118.8	1122.6	1134.6	1145.9	1156.7	1167.0	1176.9	1186.4			
470 (473.03)	H 434.77	1204.8	1209.6	1225.1	1239.7	1253.6	1266.9	1279.7	1292.1			
	S 0.6332	1.4759	1.4812	1.4979	1.5132	1.5276	1.5410	1.5537	1.5657			

NO	DATE	DESCRIPTION	AMOUNT	BALANCE	DATE	DESCRIPTION	AMOUNT	BALANCE	DATE	DESCRIPTION	AMOUNT	BALANCE
450		V	0.0195	1.0318			1.082	1.122			1.160	1.197
(458.28)		U	435.69	1118.9		1133.4	1144.9	1144.9		1155.8	1166.1	1176.1
		H	437.32	1204.8		1223.5	1238.3	1238.3		1252.4	1265.8	1278.7
		S	0.6360	1.4738		1.4903	1.5096	1.5096		1.5241	1.5377	1.5505
460		V	0.0196	1.0092		1.054	1.094	1.094		1.132	1.168	1.203
(458.50)		U	438.17	1118.9		1132.2	1143.8	1143.8		1154.8	1165.3	1175.4
		H	439.83	1204.8		1222.0	1236.9	1236.9		1251.1	1264.7	1277.7
		S	0.6387	1.4718		1.4903	1.5060	1.5060		1.5207	1.5344	1.5473
470		V	0.0196	0.9876		1.028	1.067	1.067		1.104	1.140	1.174
(460.68)		U	440.60	1118.9		1131.0	1142.8	1142.8		1153.9	1164.5	1174.6
		H	442.31	1204.8		1220.4	1235.5	1235.5		1249.9	1263.6	1276.7
		S	0.6413	1.4697		1.4865	1.5025	1.5025		1.5173	1.5311	1.5441
480		V	0.0197	0.9668		1.002	1.041	1.041		1.078	1.113	1.147
(462.82)		U	443.00	1118.9		1129.8	1141.7	1141.7		1152.9	1163.6	1173.8
		H	444.75	1204.8		1218.8	1234.1	1234.1		1248.6	1262.4	1275.7
		S	0.6439	1.4677		1.4828	1.4990	1.4990		1.5139	1.5279	1.5410
490		V	0.0197	0.9468		0.9774	1.016	1.016		1.052	1.087	1.121
(464.93)		U	445.36	1118.9		1128.5	1140.6	1140.6		1151.9	1162.7	1173.1
		H	447.15	1204.7		1217.1	1232.7	1232.7		1247.4	1261.3	1274.7
		S	0.6465	1.4658		1.4791	1.4955	1.4955		1.5106	1.5247	1.5380
500		V	0.0197	0.9276		0.9537	0.9919	0.9919		1.028	1.062	1.095
(467.01)		U	447.70	1118.8		1127.2	1139.5	1139.5		1151.0	1161.9	1172.3
		H	449.52	1204.7		1215.5	1231.2	1231.2		1246.1	1260.2	1273.6
		S	0.6490	1.4639		1.4755	1.4921	1.4921		1.5074	1.5216	1.5349
510		V	0.0198	0.9091		0.9310	0.9688	0.9688		1.005	1.039	1.071
(469.05)		U	450.00	1118.8		1126.0	1138.4	1138.4		1150.0	1161.0	1171.5
		H	451.87	1204.6		1213.8	1229.8	1229.8		1244.8	1259.0	1272.6
		S	0.6515	1.4620		1.4718	1.4886	1.4886		1.5041	1.5185	1.5319
520		V	0.0198	0.8914		0.9090	0.9466	0.9466		0.9820	1.016	1.048
(471.07)		U	452.27	1118.8		1124.7	1137.2	1137.2		1149.0	1160.1	1170.7
		H	454.18	1204.5		1212.1	1228.3	1228.3		1243.5	1257.8	1271.5
		S	0.6539	1.4601		1.4682	1.4853	1.4853		1.5009	1.5154	1.5290
530		V	0.0199	0.8742		0.8878	0.9252	0.9252		0.9603	0.9937	1.026
(473.05)		U	454.51	1118.7		1123.4	1136.1	1136.1		1148.0	1159.2	1169.9
		H	456.46	1204.5		1210.4	1226.6	1226.6		1242.2	1256.7	1270.5
		S	0.6564	1.4583		1.4646	1.4819	1.4819		1.4977	1.5124	1.5261

Tabla F.4. Vapor sobrecalentado, unidades inglesas (Continúa)

P (psia) (t° / $^{\circ}$ F)	liq. sat.	vap. sat.	TEMPERATURA: t (°F)							
			600	700	800	900	1000	1100	1200	
V	0.0192	1.2546	1.605	1.790	1.967	2.140	2.310	2.478	2.645	
U	414.41	1118.4	1199.9	1242.5	1283.6	1324.6	1366.0	1408.0	1450.7	
H	415.73	1204.3	1309.8	1365.1	1418.3	1471.1	1524.1	1577.7	1631.8	
S	0.6125	1.4918	1.6004	1.6503	1.6943	1.7346	1.7723	1.8077	1.8414	
V	0.0193	1.2218	1.560	1.741	1.914	2.082	2.248	2.412	2.575	
U	417.24	1118.5	1199.3	1242.1	1283.3	1324.3	1365.7	1407.8	1450.6	
H	418.59	1204.4	1309.0	1364.5	1417.9	1470.8	1523.8	1577.4	1631.6	
S	0.6156	1.4894	1.5969	1.6470	1.6911	1.7315	1.7692	1.8047	1.8384	
V	0.0193	1.1906	1.517	1.694	1.863	2.028	2.190	2.350	2.508	
U	420.01	1118.6	1198.8	1241.7	1283.0	1324.1	1365.5	1407.6	1450.4	
H	421.40	1204.5	1308.2	1364.0	1417.5	1470.4	1523.5	1577.2	1631.4	
S	0.6187	1.4870	1.5935	1.6437	1.6880	1.7285	1.7662	1.8017	1.8354	
V	0.0193	1.1610	1.476	1.650	1.815	1.976	2.134	2.290	2.445	
U	422.74	1118.7	1198.2	1241.3	1282.7	1323.8	1365.3	1407.4	1450.2	
H	424.17	1204.6	1307.4	1363.4	1417.0	1470.1	1523.3	1576.9	1631.2	
S	0.6217	1.4847	1.5901	1.6406	1.6850	1.7255	1.7632	1.7988	1.8325	
V	0.0194	1.1327	1.438	1.608	1.769	1.926	2.081	2.233	2.385	
U	425.41	1118.7	1197.6	1240.8	1282.4	1323.6	1365.1	1407.2	1450.1	
H	426.89	1204.7	1306.6	1362.8	1416.6	1469.7	1523.0	1576.7	1631.0	
S	0.6247	1.4825	1.5868	1.6375	1.6820	1.7226	1.7603	1.7959	1.8297	
V	0.0194	1.1057	1.401	1.568	1.726	1.879	2.030	2.180	2.327	
U	428.05	1118.8	1196.9	1240.4	1282.0	1323.3	1364.9	1407.0	1449.9	
H	429.56	1204.7	1305.8	1362.3	1416.2	1469.4	1522.7	1576.4	1630.8	
S	0.6276	1.4802	1.5835	1.6345	1.6791	1.7197	1.7575	1.7932	1.8269	
V	0.0195	1.0800	1.366	1.529	1.684	1.835	1.982	2.128	2.273	
U	430.64	1118.8	1196.3	1240.0	1281.7	1323.0	1364.6	1406.8	1449.7	
H	432.19	1204.8	1305.0	1361.7	1415.7	1469.0	1522.4	1576.2	1630.6	
S	0.6304	1.4781	1.5804	1.6315	1.6762	1.7169	1.7548	1.7904	1.8242	
V	0.0195	1.0554	1.332	1.493	1.644	1.792	1.936	2.079	2.220	
U	433.19	1118.8	1195.7	1239.6	1281.4	1322.8	1364.4	1406.6	1449.6	
H	434.77	1204.8	1304.2	1361.1	1415.3	1468.7	1522.1	1575.9	1630.4	
S	0.6332	1.4759	1.5772	1.6286	1.6734	1.7142	1.7521	1.7878	1.8216	

450	V	0.0195	1.0318	1.300	1.458	1.607	1.751	1.892	2.032	2.170
(456.28)	U	435.69	1118.9	1195.1	1239.2	1281.1	1322.5	1364.2	1406.5	1449.4
	H	437.32	1204.8	1303.3	1360.6	1414.9	1468.3	1521.8	1575.7	1630.1
	S	0.6360	1.4738	1.5742	1.6258	1.6707	1.7115	1.7495	1.7852	1.8190
460	V	0.0196	1.0092	1.269	1.424	1.570	1.712	1.850	1.987	2.123
(458.50)	U	438.17	1118.9	1194.5	1238.8	1280.8	1322.3	1364.0	1406.3	1449.3
	H	439.83	1204.8	1302.5	1360.0	1414.4	1468.0	1521.5	1575.4	1629.9
	S	0.6387	1.4718	1.5711	1.6230	1.6680	1.7089	1.7469	1.7826	1.8165
470	V	0.0196	0.9875	1.240	1.392	1.536	1.674	1.810	1.944	2.077
(460.68)	U	440.60	1118.9	1193.9	1238.3	1280.4	1322.0	1363.8	1406.1	1449.1
	H	442.31	1204.8	1301.7	1359.4	1414.0	1467.6	1521.2	1575.2	1629.7
	S	0.6413	1.4697	1.5681	1.6202	1.6654	1.7064	1.7444	1.7802	1.8141
480	V	0.0197	0.9568	1.211	1.361	1.502	1.638	1.772	1.903	2.033
(462.82)	U	443.00	1118.9	1193.2	1237.9	1280.1	1321.7	1363.5	1405.9	1448.9
	H	444.75	1204.8	1300.8	1358.8	1413.6	1467.3	1520.9	1574.9	1629.5
	S	0.6439	1.4677	1.5652	1.6176	1.6628	1.7038	1.7419	1.7777	1.8116
490	V	0.0197	0.9468	1.184	1.332	1.470	1.604	1.735	1.864	1.991
(464.93)	U	445.36	1118.9	1192.6	1237.5	1279.8	1321.5	1363.3	1405.7	1448.8
	H	447.15	1204.7	1300.0	1358.3	1413.1	1466.9	1520.6	1574.7	1629.3
	S	0.6465	1.4658	1.5623	1.6149	1.6603	1.7014	1.7395	1.7753	1.8093
500	V	0.0197	0.9276	1.158	1.304	1.440	1.571	1.699	1.826	1.951
(467.01)	U	447.70	1118.8	1192.0	1237.1	1279.5	1321.2	1363.1	1405.5	1448.6
	H	449.52	1204.7	1299.1	1357.7	1412.7	1466.6	1520.3	1574.4	1629.1
	S	0.6490	1.4639	1.5595	1.6123	1.6578	1.6990	1.7371	1.7730	1.8069
510	V	0.0198	0.9091	1.133	1.277	1.410	1.539	1.665	1.789	1.912
(469.05)	U	450.00	1118.8	1191.3	1236.6	1279.2	1321.0	1362.9	1405.3	1448.4
	H	451.87	1204.6	1296.3	1357.1	1412.2	1466.2	1520.0	1574.2	1628.9
	S	0.6515	1.4620	1.5567	1.6097	1.6554	1.6966	1.7348	1.7707	1.8047
520	V	0.0198	0.8914	1.109	1.250	1.382	1.509	1.632	1.754	1.875
(471.07)	U	452.27	1118.8	1190.7	1236.2	1278.8	1320.7	1362.7	1405.1	1448.3
	H	454.18	1204.5	1297.4	1356.5	1411.8	1465.9	1519.7	1573.9	1628.7
	S	0.6539	1.4601	1.5539	1.6072	1.6530	1.6943	1.7325	1.7684	1.8024
530	V	0.0199	0.8742	1.086	1.225	1.355	1.479	1.601	1.720	1.839
(473.05)	U	454.51	1118.7	1190.0	1235.8	1278.5	1320.4	1362.4	1404.9	1448.1
	H	456.46	1204.5	1296.5	1355.9	1411.4	1465.5	1519.4	1573.7	1628.4
	S	0.6564	1.4583	1.5512	1.6047	1.6506	1.6920	1.7302	1.7662	1.8002

Tabla F.4. Vapor sobrecalentado, unidades inglesas (Continúa)

P (psia) (t° / °F)	TEMPERATURA: t (°F)															
	liq. sat.	vap. sat.	500		520		540		560		580		600		650	
V	0.0199	0.8577	0.9045	0.9394	0.9725	1.004	1.035	1.064	1.090	1.112	1.134	1.154	1.174	1.194	1.214	1.234
U	456.72	1118.7	1134.9	1147.0	1158.3	1169.1	1179.4	1189.4	1198.0	1205.7	1212.4	1218.8	1224.8	1230.4	1235.6	1240.4
H	458.71	1204.4	1225.3	1240.8	1255.5	1269.4	1282.8	1295.7	1308.1	1319.9	1331.1	1341.8	1352.0	1361.8	1371.2	1380.1
S	0.6587	1.4565	1.4786	1.4946	1.5094	1.5232	1.5362	1.5484	1.5600	1.5712	1.5819	1.5921	1.6019	1.6113	1.6203	1.6289
V	0.0199	0.8418	0.8846	0.9192	0.9520	0.9833	1.013	1.042	1.069	1.094	1.118	1.141	1.163	1.184	1.204	1.223
U	458.91	1118.6	1133.8	1145.9	1157.4	1168.3	1178.7	1188.7	1198.0	1206.6	1214.4	1221.4	1227.8	1233.7	1239.2	1244.4
H	460.94	1204.3	1223.8	1239.5	1254.3	1268.4	1281.8	1294.8	1307.3	1319.3	1330.8	1341.8	1352.3	1362.3	1371.9	1381.1
S	0.6611	1.4547	1.4753	1.4915	1.5064	1.5203	1.5334	1.5458	1.5577	1.5691	1.5800	1.5904	1.6004	1.6100	1.6193	1.6282
V	0.0200	0.8264	0.8653	0.8997	0.9322	0.9632	0.9930	1.022	1.049	1.075	1.100	1.124	1.147	1.169	1.190	1.210
U	461.07	1118.5	1132.6	1144.9	1156.5	1167.5	1178.0	1188.0	1197.4	1206.2	1214.4	1222.1	1229.3	1236.0	1242.3	1248.2
H	463.14	1204.2	1222.2	1238.1	1253.1	1267.3	1280.9	1293.9	1306.3	1318.2	1329.6	1340.5	1350.9	1360.8	1370.3	1379.4
S	0.6634	1.4529	1.4720	1.4884	1.5035	1.5175	1.5307	1.5431	1.5549	1.5663	1.5773	1.5878	1.5979	1.6076	1.6169	1.6259
V	0.0200	0.8115	0.8467	0.8808	0.9131	0.9438	0.9733	1.002	1.029	1.054	1.078	1.101	1.123	1.144	1.164	1.183
U	463.20	1118.5	1131.4	1143.9	1155.6	1166.6	1177.2	1187.4	1197.1	1206.2	1214.7	1222.6	1230.0	1236.9	1243.4	1249.5
H	465.32	1204.1	1220.7	1236.8	1251.9	1266.2	1279.9	1293.0	1305.5	1317.5	1329.0	1339.9	1350.3	1360.2	1369.7	1378.8
S	0.6657	1.4512	1.4687	1.4853	1.5005	1.5147	1.5280	1.5405	1.5525	1.5641	1.5754	1.5863	1.5968	1.6069	1.6166	1.6259
V	0.0201	0.7971	0.8287	0.8626	0.8946	0.9251	0.9542	0.9824	1.009	1.035	1.060	1.084	1.107	1.129	1.150	1.170
U	465.31	1118.4	1130.2	1142.8	1154.6	1165.8	1176.5	1186.7	1196.3	1205.4	1214.0	1222.1	1230.0	1237.6	1244.9	1251.8
H	467.47	1203.9	1219.1	1235.4	1250.7	1265.1	1278.9	1292.1	1304.6	1316.5	1327.8	1338.5	1348.7	1358.4	1367.7	1376.6
S	0.6679	1.4495	1.4654	1.4822	1.4976	1.5120	1.5254	1.5380	1.5500	1.5616	1.5729	1.5838	1.5943	1.6044	1.6141	1.6235
V	0.0201	0.7832	0.8112	0.8450	0.8768	0.9069	0.9358	0.9637	0.990	1.016	1.041	1.065	1.088	1.110	1.131	1.151
U	467.40	1118.3	1129.0	1141.7	1153.7	1165.0	1175.7	1186.0	1195.8	1205.1	1213.9	1222.2	1230.0	1237.4	1244.4	1251.0
H	469.59	1203.8	1217.5	1234.0	1249.4	1264.0	1277.9	1291.2	1303.7	1315.6	1327.0	1337.8	1348.1	1357.9	1367.2	1376.0
S	0.6701	1.4478	1.4622	1.4792	1.4948	1.5092	1.5227	1.5354	1.5476	1.5594	1.5709	1.5820	1.5928	1.6033	1.6134	1.6231
V	0.0201	0.7697	0.7944	0.8279	0.8595	0.8894	0.9180	0.9456	0.972	0.998	1.023	1.047	1.070	1.092	1.113	1.134
U	469.46	1118.2	1127.7	1140.7	1152.8	1164.1	1175.0	1185.3	1195.1	1204.4	1213.2	1221.5	1229.3	1236.6	1243.4	1250.0
H	471.70	1203.7	1215.9	1232.6	1248.2	1262.9	1276.9	1290.3	1303.0	1315.0	1326.2	1336.7	1346.5	1355.7	1364.3	1372.4
S	0.6723	1.4461	1.4590	1.4762	1.4919	1.5065	1.5201	1.5329	1.5453	1.5573	1.5689	1.5801	1.5909	1.6014	1.6116	1.6214
V	0.0202	0.7567	0.7780	0.8114	0.8427	0.8724	0.9008	0.9281	0.954	0.979	1.004	1.028	1.051	1.073	1.094	1.115
U	471.50	1118.1	1126.5	1139.6	1151.8	1163.3	1174.2	1184.7	1194.7	1204.2	1213.2	1221.7	1230.0	1237.9	1245.4	1252.6
H	473.78	1203.5	1214.3	1231.2	1246.9	1261.8	1275.9	1289.4	1302.3	1314.6	1326.2	1337.1	1347.3	1356.8	1365.6	1373.8
S	0.6745	1.4445	1.4558	1.4732	1.4891	1.5038	1.5175	1.5304	1.5428	1.5548	1.5664	1.5776	1.5884	1.5988	1.6089	1.6186

620 (489.74)	V	0.0202	0.7441	0.7621	0.7954	0.8265	0.8560	0.8841	0.9112	0.9751
	U	473.52	1118.0	1125.2	1138.5	1150.8	1162.4	1173.5	1184.0	1208.7
	H	475.84	1203.4	1212.7	1229.7	1245.7	1260.7	1274.9	1288.5	1320.5
	S	0.6766	1.4428	1.4526	1.4702	1.4863	1.5011	1.5150	1.5279	1.5575
630 (491.48)	V	0.0202	0.7318	0.7467	0.7798	0.8108	0.8401	0.8680	0.8948	0.9580
	U	475.52	1117.9	1123.9	1137.4	1149.9	1161.6	1172.7	1183.3	1208.1
	H	477.88	1203.2	1211.0	1228.3	1244.4	1259.5	1273.9	1287.6	1319.8
	S	0.6787	1.4412	1.4494	1.4672	1.4835	1.4985	1.5124	1.5255	1.5552
640 (493.19)	V	0.0203	0.7200	0.7318	0.7648	0.7956	0.8246	0.8523	0.8788	0.9415
	U	477.49	1117.8	1122.7	1136.3	1148.9	1160.7	1171.9	1182.6	1207.6
	H	479.89	1203.0	1209.3	1226.8	1243.1	1258.4	1272.8	1286.7	1319.1
	S	0.6808	1.4396	1.4462	1.4643	1.4807	1.4959	1.5099	1.5231	1.5530
650 (494.89)	V	0.0203	0.7084	0.7173	0.7501	0.7808	0.8096	0.8371	0.8634	0.9254
	U	479.45	1117.6	1121.3	1135.1	1147.9	1159.8	1171.1	1181.9	1207.0
	H	481.89	1202.8	1207.6	1225.4	1241.8	1257.2	1271.8	1285.7	1318.3
	S	0.6828	1.4381	1.4430	1.4614	1.4780	1.4932	1.5074	1.5207	1.5507
660 (496.57)	V	0.0204	0.6972	0.7031	0.7359	0.7664	0.7951	0.8224	0.8485	0.9098
	U	481.38	1117.5	1120.0	1134.0	1146.9	1159.0	1170.3	1181.2	1206.5
	H	483.87	1202.7	1205.9	1223.9	1240.5	1256.1	1270.8	1284.8	1317.6
	S	0.6849	1.4365	1.4399	1.4584	1.4752	1.4907	1.5049	1.5183	1.5485
670 (498.22)	V	0.0204	0.6864	0.6894	0.7221	0.7525	0.7810	0.8080	0.8339	0.8947
	U	483.30	1117.4	1118.7	1132.8	1145.9	1158.1	1169.6	1180.5	1205.9
	H	485.83	1202.5	1204.2	1222.4	1239.2	1254.9	1269.7	1283.9	1316.8
	S	0.6869	1.4350	1.4367	1.4555	1.4725	1.4881	1.5025	1.5159	1.5463
680 (499.86)	V	0.0204	0.6758	0.6760	0.7087	0.7389	0.7673	0.7941	0.8198	0.8801
	U	485.20	1117.2	1117.3	1131.7	1144.9	1157.2	1168.8	1179.8	1205.3
	H	487.77	1202.3	1202.4	1220.8	1237.9	1253.7	1268.7	1282.9	1316.1
	S	0.6889	1.4334	1.4336	1.4526	1.4698	1.4855	1.5000	1.5136	1.5442
690 (501.48)	V	0.0205	0.6655	.....	0.6956	0.7257	0.7539	0.7806	0.8061	0.8658
	U	487.08	1117.1	.....	1130.5	1143.9	1156.3	1168.0	1179.0	1204.8
	H	489.70	1202.1	.....	1219.3	1236.5	1252.5	1267.6	1282.0	1315.3
	S	0.6908	1.4319	.....	1.4497	1.4671	1.4830	1.4976	1.5113	1.5421
700 (503.08)	V	0.0205	0.6556	.....	0.6829	0.7129	0.7409	0.7675	0.7928	0.8520
	U	488.95	1116.9	.....	1129.3	1142.8	1155.4	1167.1	1178.3	1204.2
	H	491.60	1201.8	1217.8	1235.2	1251.3	1266.6	1281.0	1314.6
	S	0.6928	1.4304	1.4468	1.4644	1.4805	1.4952	1.5090	1.5399

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Tabla F.4. Vapor sobrecalentado, unidades inglesas (Continúa)

P (psia) (t° / F)	liq.		vap.		TEMPERATURA: t (°F)									
	liq.	sat.	liq.	sat.	700	750	800	900	1000	1100	1200			
540 (475.01)	V	0.0199	0.8577	1.201	1.266	1.328	1.451	1.570	1.688	1.804				
	U	456.72	1118.7	1235.3	1257.0	1278.2	1320.2	1362.2	1404.8	1447.9				
	H	458.71	1204.4	1355.3	1383.4	1410.9	1465.1	1519.1	1573.4	1628.2				
	S	0.6587	1.4565	1.6023	1.6260	1.6483	1.6897	1.7280	1.7640	1.7981				
550 (476.94)	V	0.0199	0.8418	1.178	1.241	1.303	1.424	1.541	1.657	1.771				
	U	458.91	1118.6	1234.9	1256.6	1277.9	1319.9	1362.0	1404.6	1447.8				
	H	460.94	1204.3	1354.7	1382.9	1410.5	1464.8	1518.9	1573.2	1628.0				
	S	0.6611	1.4547	1.5999	1.6237	1.6460	1.6875	1.7259	1.7619	1.7959				
560 (478.84)	V	0.0200	0.8264	1.155	1.218	1.279	1.397	1.513	1.627	1.739				
	U	461.07	1118.5	1234.4	1256.2	1277.5	1319.6	1361.8	1404.4	1447.6				
	H	463.14	1204.2	1354.2	1382.4	1410.0	1464.4	1518.6	1572.9	1627.8				
	S	0.6634	1.4529	1.5975	1.6214	1.6438	1.6853	1.7237	1.7598	1.7939				
570 (480.72)	V	0.0200	0.8115	1.133	1.195	1.255	1.372	1.486	1.597	1.708				
	U	463.20	1118.5	1234.0	1255.8	1277.2	1319.4	1361.6	1404.2	1447.5				
	H	465.32	1204.1	1353.6	1381.9	1409.6	1464.1	1518.3	1572.4	1627.6				
	S	0.6657	1.4512	1.5952	1.6191	1.6415	1.6832	1.7216	1.7577	1.7918				
580 (482.57)	V	0.0201	0.7971	1.112	1.173	1.232	1.347	1.459	1.569	1.678				
	U	465.31	1118.4	1233.6	1255.5	1276.9	1319.1	1361.3	1404.0	1447.3				
	H	467.47	1203.9	1353.0	1381.4	1409.2	1463.7	1518.0	1572.4	1627.4				
	S	0.6679	1.4495	1.5929	1.6169	1.6394	1.6811	1.7196	1.7556	1.7898				
590 (484.40)	V	0.0201	0.7832	1.092	1.152	1.210	1.324	1.434	1.542	1.649				
	U	467.40	1118.3	1233.1	1255.1	1276.5	1318.9	1361.1	1403.8	1447.1				
	H	469.59	1203.8	1352.4	1380.9	1408.7	1463.4	1517.7	1572.2	1627.2				
	S	0.6701	1.4478	1.5906	1.6147	1.6372	1.6790	1.7175	1.7536	1.7878				
600 (486.20)	V	0.0201	0.7697	1.073	1.132	1.189	1.301	1.409	1.516	1.621				
	U	469.46	1118.2	1232.7	1254.7	1276.2	1318.6	1360.9	1403.6	1447.0				
	H	471.70	1203.7	1351.8	1380.4	1408.3	1463.0	1517.4	1571.9	1627.0				
	S	0.6723	1.4461	1.5884	1.6125	1.6351	1.6769	1.7155	1.7517	1.7859				
610 (487.98)	V	0.0202	0.7567	1.054	1.112	1.169	1.279	1.386	1.491	1.594				
	U	471.50	1118.1	1232.2	1254.3	1275.9	1318.3	1360.7	1403.4	1446.8				
	H	473.78	1203.5	1351.2	1379.9	1407.8	1462.7	1517.1	1571.7	1626.7				
	S	0.6745	1.4445	1.5861	1.6104	1.6330	1.6749	1.7135	1.7497	1.7839				

620	(488.74)	V	0.0202	0.7441	1.035	1.093	1.149	1.257	1.363	1.466	1.568
		U	473.52	1118.0	1231.8	1253.2	1275.6	1318.1	1360.5	1403.2	1446.6
		H	475.84	1203.4	1350.6	1379.3	1407.4	1462.3	1516.8	1571.4	1626.5
		S	0.6766	1.4428	1.5839	1.6082	1.6310	1.6729	1.7116	1.7478	1.7820
630	(491.48)	V	0.0202	0.7318	1.017	1.074	1.130	1.236	1.340	1.442	1.543
		U	475.52	1117.9	1231.3	1253.6	1275.2	1317.8	1360.2	1403.1	1446.5
		H	477.88	1203.2	1350.0	1378.8	1406.9	1461.9	1516.5	1571.2	1626.3
		S	0.6787	1.4412	1.5818	1.6062	1.6289	1.6710	1.7097	1.7459	1.7802
640	(493.19)	V	0.0203	0.7200	1.000	1.056	1.111	1.216	1.319	1.419	1.518
		U	477.49	1117.8	1230.9	1253.2	1274.9	1317.5	1360.0	1402.9	1446.3
		H	479.89	1203.0	1349.3	1378.3	1406.5	1461.6	1516.2	1570.9	1626.1
		S	0.6808	1.4396	1.5797	1.6041	1.6269	1.6690	1.7078	1.7441	1.7783
650	(494.89)	V	0.0203	0.7084	0.9835	1.039	1.093	1.197	1.298	1.397	1.494
		U	479.45	1117.6	1230.4	1252.8	1274.6	1317.3	1359.8	1402.7	1446.1
		H	481.89	1202.8	1348.7	1377.8	1406.0	1461.2	1515.9	1570.7	1625.9
		S	0.6828	1.4381	1.5775	1.6021	1.6249	1.6671	1.7059	1.7422	1.7765
660	(496.57)	V	0.0204	0.6972	0.9673	1.022	1.075	1.178	1.278	1.375	1.471
		U	481.38	1117.5	1230.0	1252.4	1274.2	1317.0	1359.6	1402.5	1446.0
		H	483.87	1202.7	1348.1	1377.3	1405.6	1460.9	1515.6	1570.4	1625.7
		S	0.6849	1.4365	1.5755	1.6001	1.6230	1.6652	1.7041	1.7404	1.7748
670	(498.22)	V	0.0204	0.6864	0.9516	1.006	1.058	1.160	1.258	1.354	1.449
		U	483.30	1117.4	1229.5	1252.0	1273.9	1316.7	1359.3	1402.3	1445.8
		H	485.83	1202.5	1347.5	1376.7	1405.1	1460.5	1515.3	1570.2	1625.5
		S	0.6869	1.4350	1.5734	1.5981	1.6211	1.6634	1.7023	1.7387	1.7730
690	(499.86)	V	0.0204	0.6758	0.9364	0.990	1.042	1.142	1.239	1.334	1.427
		U	485.20	1117.2	1229.1	1251.6	1273.6	1316.5	1359.1	1402.1	1445.7
		H	487.77	1202.3	1346.9	1376.2	1404.7	1460.2	1515.0	1569.9	1625.3
		S	0.6889	1.4334	1.5714	1.5961	1.6192	1.6616	1.7005	1.7369	1.7713
690	(501.48)	V	0.0205	0.6655	0.9216	0.9746	1.026	1.125	1.220	1.314	1.406
		U	487.08	1117.1	1228.6	1251.3	1273.2	1316.2	1358.9	1401.9	1445.5
		H	489.70	1202.1	1346.3	1375.7	1404.2	1459.8	1514.7	1569.7	1625.0
		S	0.6908	1.4319	1.5693	1.5942	1.6173	1.6598	1.6987	1.7352	1.7696
700	(503.08)	V	0.0205	0.6556	0.9072	0.9596	1.010	1.108	1.202	1.295	1.386
		U	488.95	1116.9	1228.1	1250.9	1272.9	1315.9	1358.7	1401.7	1445.3
		H	491.60	1201.8	1345.6	1375.2	1403.7	1459.4	1514.4	1569.4	1624.8
		S	0.6928	1.4304	1.5673	1.5923	1.6154	1.6580	1.6970	1.7335	1.7679

Tabla F.4. Vapor sobrecalentado, unidades inglesas (Continúa)

P(psia) (t° / °F)	liq. sat.	vap. sat.	TEMPERATURA: t (°F)												
			520	540	560	580	600	620	650						
725 (507.01)	V	0.0206	0.6318	0.6623	0.7100	0.7362	0.7610	0.7848	0.8190						
	U	493.5	1116.5	1140.2	1153.1	1165.1	1176.5	1187.3	1202.8						
	H	496.3	1201.3	1231.7	1248.3	1263.9	1278.6	1292.6	1312.6						
750 (510.84)	S	0.6975	1.4268	1.4578	1.4742	1.4893	1.5033	1.5164	1.5347						
	V	0.0207	0.6095	0.6536	0.6811	0.7069	0.7313	0.7547	0.7882						
	U	498.0	1116.1	1137.5	1150.7	1163.0	1174.6	1185.6	1201.3						
775 (514.57)	H	500.9	1200.7	1228.2	1245.2	1261.1	1276.1	1290.4	1310.7						
	S	0.7022	1.4232	1.4511	1.4680	1.4835	1.4977	1.5111	1.5296						
	V	0.0208	0.5886	0.6267	0.6539	0.6794	0.7035	0.7265	0.7594						
800 (518.21)	U	502.4	1115.6	1134.7	1148.3	1160.9	1172.7	1183.9	1199.9						
	H	505.4	1200.1	1224.6	1242.1	1258.3	1273.6	1288.1	1308.8						
	S	0.7067	1.4197	1.4446	1.4619	1.4777	1.4923	1.5058	1.5247						
825 (521.76)	V	0.0209	0.5690	0.6013	0.6283	0.6536	0.6774	0.7000	0.7323						
	U	506.7	1115.2	1131.9	1145.9	1158.8	1170.8	1182.2	1198.4						
	H	509.8	1199.4	1220.9	1238.9	1255.5	1271.1	1285.9	1306.8						
850 (525.24)	S	0.7111	1.4163	1.4381	1.4558	1.4720	1.4868	1.5007	1.5198						
	V	0.0210	0.5505	0.5773	0.6042	0.6293	0.6528	0.6751	0.7069						
	U	510.9	1114.6	1129.0	1143.4	1156.6	1168.9	1180.5	1196.9						
875 (528.63)	H	514.1	1198.7	1217.1	1235.6	1252.6	1268.5	1283.6	1304.8						
	S	0.7155	1.4129	1.4315	1.4498	1.4664	1.4815	1.4956	1.5150						
	V	0.0211	0.5330	0.5546	0.5815	0.6063	0.6296	0.6516	0.6829						
900 (531.95)	U	515.1	1114.1	1126.0	1140.8	1154.3	1166.9	1178.7	1195.3						
	H	518.4	1198.0	1213.3	1232.2	1249.7	1265.9	1281.2	1302.8						
	S	0.7197	1.4096	1.4250	1.4439	1.4608	1.4763	1.4906	1.5102						
925 (535.25)	V	0.0212	0.5165	0.5330	0.5599	0.5846	0.6077	0.6294	0.6602						
	U	519.2	1113.6	1123.0	1138.2	1152.0	1164.9	1176.9	1193.8						
	H	522.6	1197.2	1209.3	1228.8	1246.7	1263.3	1278.8	1300.7						
950 (539.50)	S	0.7238	1.4064	1.4185	1.4379	1.4553	1.4711	1.4856	1.5056						
	V	0.0212	0.5009	0.5126	0.5394	0.5640	0.5869	0.6084	0.6388						
	U	523.2	1113.0	1119.8	1135.5	1149.7	1162.8	1175.1	1192.2						
975 (543.25)	H	526.7	1196.4	1205.2	1225.3	1243.6	1260.6	1276.4	1298.6						
	S	0.7279	1.4032	1.4120	1.4320	1.4498	1.4659	1.4807	1.5010						

925	V	0.0213	0.4861	0.4930	0.5200	0.5445	0.5672	0.5885	0.6186
(535.21)	U	527.1	1112.4	1116.5	1132.7	1147.3	1160.8	1173.2	1190.7
	H	530.8	1195.6	1200.9	1221.7	1240.5	1257.8	1274.0	1296.6
	S	0.7319	1.4001	1.4054	1.4260	1.4443	1.4608	1.4759	1.4965
950	V	0.0214	0.4721	0.4744	0.5014	0.5259	0.5485	0.5696	0.5993
(538.39)	U	531.0	1111.7	1113.2	1129.9	1144.9	1158.6	1171.4	1189.1
	H	534.7	1194.7	1196.6	1218.0	1237.4	1255.1	1271.5	1294.4
	S	0.7358	1.3970	1.3988	1.4201	1.4389	1.4557	1.4711	1.4921
975	V	0.0215	0.4587	0.4837	0.4837	0.5082	0.5307	0.5517	0.5810
(541.52)	U	534.8	1111.1	1127.0	1127.0	1142.4	1156.5	1169.5	1187.5
	H	538.7	1193.8	1214.3	1214.3	1234.1	1252.2	1269.0	1292.3
	S	0.7396	1.3940	1.4142	1.4142	1.4335	1.4507	1.4664	1.4877
1000	V	0.0216	0.4460	0.4668	0.4668	0.4913	0.5137	0.5346	0.5636
(544.58)	U	538.6	1110.4	1124.0	1124.0	1139.9	1154.3	1167.5	1185.8
	H	542.6	1192.9	1210.4	1210.4	1230.8	1249.3	1266.5	1290.1
	S	0.7434	1.3910	1.4082	1.4082	1.4281	1.4457	1.4617	1.4833
1025	V	0.0217	0.4338	0.4506	0.4506	0.4752	0.4975	0.5183	0.5471
(547.58)	U	542.3	1109.7	1120.9	1120.9	1137.3	1152.0	1165.6	1184.2
	H	546.4	1192.0	1206.4	1206.4	1227.4	1246.4	1263.9	1287.9
	S	0.7471	1.3880	1.4022	1.4022	1.4227	1.4407	1.4571	1.4791
1050	V	0.0218	0.4222	0.4350	0.4350	0.4597	0.4821	0.5027	0.5312
(550.53)	U	545.9	1109.0	1117.8	1117.8	1134.7	1149.8	1163.6	1182.5
	H	550.1	1191.0	1202.3	1202.3	1224.0	1243.4	1261.2	1285.7
	S	0.7507	1.3851	1.3962	1.3962	1.4173	1.4358	1.4524	1.4748
1075	V	0.0219	0.4112	0.4200	0.4200	0.4449	0.4673	0.4878	0.5161
(553.43)	U	549.5	1108.3	1114.5	1114.5	1131.9	1147.4	1161.5	1180.8
	H	553.9	1190.1	1198.1	1198.1	1220.4	1240.4	1258.6	1283.5
	S	0.7543	1.3822	1.3901	1.3901	1.4118	1.4308	1.4479	1.4706
1100	V	0.0220	0.4006	0.4056	0.4056	0.4307	0.4531	0.4735	0.5017
(556.28)	U	553.1	1107.5	1111.2	1111.2	1129.1	1145.1	1159.5	1179.1
	H	557.5	1189.1	1193.7	1193.7	1216.8	1237.3	1255.9	1281.2
	S	0.7578	1.3794	1.3840	1.3840	1.4064	1.4259	1.4433	1.4664
1125	V	0.0220	0.3904	0.3917	0.3917	0.4170	0.4394	0.4599	0.4879
(559.07)	U	556.6	1106.8	1107.7	1107.7	1126.3	1142.6	1157.4	1177.3
	H	561.2	1188.0	1189.2	1189.2	1213.1	1234.1	1253.1	1278.9
	S	0.7613	1.3766	1.3778	1.3778	1.4009	1.4210	1.4387	1.4623

Tabla F.4. Vapor sobrecalentado, unidades inglesas (Continúa)

P (psia) (t ² /°F)	liq. sat.	vap. sat.	TEMPERATURA: t (°F)									
			700	750	800	900	1000	1100	1200			
725 (507.01)	V	0.0206	0.8729	0.9240	0.9732	1.068	1.159	1.249	1.337			
	U	493.5	1227.0	1249.9	1272.0	1315.3	1358.1	1401.3	1444.9			
	H	496.3	1344.1	1373.8	1402.6	1458.5	1513.7	1568.8	1624.3			
750 (510.84)	S	0.6975	1.4268	1.5876	1.6109	1.6536	1.6927	1.7293	1.7638			
	V	0.0207	0.6095	0.8907	0.9386	1.031	1.119	1.206	1.292			
	U	498.0	1225.8	1248.9	1271.2	1314.6	1357.6	1400.8	1444.5			
775 (514.57)	H	500.9	1342.5	1372.5	1401.5	1457.6	1512.9	1568.2	1623.8			
	S	0.7022	1.4232	1.5830	1.6065	1.6494	1.6886	1.7252	1.7598			
	V	0.0208	0.5886	0.8595	0.9062	0.9957	1.082	1.166	1.249			
800 (518.21)	U	502.4	1224.6	1247.9	1270.3	1313.9	1357.0	1400.3	1444.1			
	H	505.4	1340.9	1371.2	1400.3	1456.7	1512.2	1567.6	1623.2			
	S	0.7067	1.4197	1.5786	1.6022	1.6453	1.6846	1.7213	1.7559			
825 (521.76)	V	0.0209	0.5690	0.8303	0.8759	0.9631	1.047	1.129	1.209			
	U	506.7	1223.4	1246.9	1269.5	1313.2	1356.4	1399.8	1443.7			
	H	509.8	1339.3	1369.8	1399.1	1455.8	1511.4	1566.9	1622.7			
850 (525.24)	S	0.7111	1.4163	1.5742	1.5980	1.6413	1.6807	1.7175	1.7522			
	V	0.0210	0.5505	0.8029	0.8473	0.9323	1.014	1.094	1.172			
	U	510.9	1222.2	1245.9	1268.6	1312.6	1355.9	1399.3	1443.3			
875 (528.63)	H	514.1	1337.7	1368.5	1398.0	1454.9	1510.7	1566.3	1622.2			
	S	0.7155	1.4129	1.5700	1.5939	1.6374	1.6770	1.7138	1.7485			
	V	0.0211	0.5330	0.7770	0.8205	0.9034	0.9830	1.061	1.137			
900 (531.95)	U	515.1	1221.0	1244.9	1267.7	1311.9	1355.3	1398.9	1442.9			
	H	518.4	1336.0	1367.1	1396.8	1454.0	1510.0	1565.7	1621.6			
	S	0.7197	1.4096	1.5658	1.5899	1.6336	1.6733	1.7102	1.7450			
925 (535.24)	V	0.0211	0.5165	0.7526	0.7952	0.8762	0.9538	1.029	1.103			
	U	519.2	1219.7	1243.9	1266.9	1311.2	1354.8	1398.4	1442.5			
	H	522.6	1334.4	1365.7	1395.6	1453.1	1509.2	1565.1	1621.1			
950 (538.57)	S	0.7238	1.4064	1.5618	1.5860	1.6299	1.6697	1.7067	1.7416			
	V	0.0212	0.5009	0.7296	0.7713	0.8504	0.9262	0.9998	1.072			
	U	523.2	1218.5	1242.8	1265.0	1310.5	1354.2	1397.9	1442.0			
975 (541.88)	H	526.7	1332.7	1364.3	1394.4	1452.2	1508.5	1564.4	1620.6			
	S	0.7279	1.4032	1.5578	1.5822	1.6263	1.6662	1.7033	1.7382			

925	V	0.0213	0.4861	0.6648	0.7078	0.7486	0.8261	0.9001	0.9719	1.042
(535.21)	U	527.1	1112.4	1217.2	1241.8	1265.1	1309.8	1353.6	1397.4	1441.6
	H	530.8	1195.6	1331.0	1362.9	1393.2	1451.2	1507.7	1563.8	1620.0
	S	0.7319	1.4001	1.5269	1.5539	1.5784	1.6227	1.6628	1.7000	1.7349
950	V	0.0214	0.4721	0.6449	0.6871	0.7272	0.8030	0.8753	0.9455	1.014
(538.39)	U	531.0	1111.7	1216.0	1240.7	1264.2	1309.1	1353.1	1397.0	1441.2
	H	534.7	1194.7	1329.3	1361.5	1392.0	1450.3	1507.0	1563.2	1619.5
	S	0.7358	1.3970	1.5228	1.5500	1.5748	1.6193	1.6595	1.6967	1.7317
975	V	0.0215	0.4587	0.6259	0.6675	0.7068	0.7811	0.8518	0.9204	0.9875
(541.52)	U	534.8	1111.1	1214.7	1239.7	1263.3	1308.5	1352.5	1396.5	1440.8
	H	538.7	1193.8	1327.6	1360.1	1390.8	1449.4	1506.2	1562.5	1619.0
	S	0.7396	1.3940	1.5188	1.5463	1.5712	1.6159	1.6562	1.6936	1.7286
1000	V	0.0216	0.4460	0.6080	0.6489	0.6875	0.7603	0.8295	0.8966	0.9621
(544.58)	U	538.6	1110.4	1213.4	1238.6	1262.4	1307.8	1351.9	1396.0	1440.4
	H	542.6	1192.9	1325.9	1358.7	1389.6	1448.5	1505.4	1561.9	1618.4
	S	0.7434	1.3910	1.5149	1.5426	1.5677	1.6126	1.6530	1.6905	1.7256
1025	V	0.0217	0.4338	0.5908	0.6311	0.6690	0.7405	0.8083	0.8739	0.9380
(547.58)	U	542.3	1109.7	1212.1	1237.5	1261.5	1307.1	1351.4	1395.5	1440.0
	H	546.4	1192.0	1324.2	1357.3	1388.4	1447.5	1504.7	1561.3	1617.9
	S	0.7471	1.3880	1.5110	1.5389	1.5642	1.6094	1.6499	1.6874	1.7226
1050	V	0.0218	0.4222	0.5745	0.6142	0.6515	0.7216	0.7881	0.8524	0.9151
(550.53)	U	545.9	1109.0	1210.8	1236.5	1260.6	1306.4	1350.8	1395.0	1439.6
	H	550.1	1191.0	1322.4	1355.8	1387.2	1446.6	1503.9	1560.7	1617.4
	S	0.7507	1.3851	1.5072	1.5354	1.5608	1.6062	1.6469	1.6845	1.7197
1075	V	0.0219	0.4112	0.5589	0.5981	0.6348	0.7037	0.7688	0.8318	0.8932
(553.43)	U	549.5	1108.3	1209.4	1235.4	1259.7	1305.7	1350.2	1394.6	1439.2
	H	553.9	1190.1	1320.6	1354.4	1386.0	1445.7	1503.2	1560.0	1616.8
	S	0.7543	1.3822	1.5034	1.5319	1.5575	1.6031	1.6439	1.6816	1.7169
1100	V	0.0220	0.4006	0.5440	0.5826	0.6188	0.6865	0.7505	0.8121	0.8723
(556.28)	U	553.1	1107.5	1208.1	1234.3	1258.8	1305.0	1349.7	1394.1	1438.7
	H	557.5	1189.1	1318.8	1352.9	1384.7	1444.7	1502.4	1559.4	1616.3
	S	0.7578	1.3794	1.4996	1.5284	1.5542	1.6000	1.6410	1.6787	1.7141
1125	V	0.0220	0.3904	0.5298	0.5679	0.6035	0.6701	0.7329	0.7934	0.8523
(559.07)	U	556.6	1106.8	1206.7	1233.2	1257.8	1304.3	1349.1	1393.6	1438.3
	H	561.2	1188.0	1317.0	1351.4	1383.5	1443.8	1501.7	1558.8	1615.8
	S	0.7613	1.3766	1.4959	1.5250	1.5509	1.5970	1.6381	1.6759	1.7114