

Таблица 5.6. Термодинамические свойства фреона 13 в однофазной области

p=0.1					p=0.5					p=1			
T	$\rho$	h	s	$c_p$	$\rho$	h	s	$c_p$	$\rho$	h	s	$c_p$	
203.15	6.4	472.3	4.460	0.541	1477.7	335.2	3.734	0.710	1479.6	335.4	3.733	0.708	
223.15	5.77	483.4	4.511	0.563	1393.1	350.5	3.806	0.822	1395.9	350.6	3.805	0.819	
243.15	5.26	494.9	4.561	0.587	28.61	489.7	4.417	0.652	1299.7	368.3	3.881	0.957	
263.15	4.84	506.8	4.608	0.611	25.74	502.8	4.469	0.654	56.61	496.8	4.397	0.737	
273.15	4.66	513.0	4.631	0.622	24.56	509.3	4.493	0.659	53.18	504.1	4.424	0.723	
283.15	4.49	519.3	4.654	0.634	23.50	515.9	4.517	0.664	50.29	511.3	4.450	0.716	
293.15	4.33	525.7	4.676	0.645	22.55	522.6	4.540	0.671	47.80	518.4	4.475	0.713	
313.15	4.04	538.8	4.719	0.667	20.89	536.2	4.585	0.686	43.68	532.7	4.522	0.715	
333.15	3.80	552.3	4.761	0.687	19.48	550.0	4.628	0.702	40.35	547.0	4.566	0.723	
353.15	3.58	566.3	4.802	0.707	18.27	564.2	4.669	0.718	37.57	561.6	4.609	0.734	
373.15	3.38	580.6	4.841	0.726	17.21	578.8	4.709	0.735	35.19	576.4	4.650	0.747	
393.15	3.21	595.3	4.879	0.744	16.27	593.6	4.748	0.751	33.13	591.5	4.689	0.760	
413.15	3.05	610.4	4.917	0.760	15.43	608.8	4.786	0.766	31.32	606.8	4.727	0.774	
433.15	2.91	625.7	4.953	0.776	14.68	624.3	4.822	0.781	29.71	622.4	4.764	0.787	
453.15	2.78	641.4	4.988	0.791	14.00	640.0	4.858	0.795	28.27	638.3	4.800	0.800	
473.15	2.66	657.3	5.023	0.804	13.38	656.1	4.892	0.808	26.97	654.4	4.835	0.813	
p=2					p=5					p=10			
203.15	1483.2	335.7	3.732	0.705	1494.1	336.7	3.727	0.696	1510.5	338.4	3.718	0.683	
223.15	1401.2	350.8	3.803	0.813	1416.1	351.5	3.796	0.796	1437.9	352.9	3.787	0.7766	
243.15	1308.0	368.3	3.878	0.943	1330.1	368.6	3.869	0.912	1360.3	369.4	3.858	0.877	
263.15	1193.1	388.8	3.958	1.116	1230.8	388.1	3.946	1.036	1275.7	387.9	3.931	0.971	
273.15	1118.1	400.6	4.003	1.269	1172.8	398.8	3.986	1.112	1229.8	397.9	3.968	1.016	
283.15	121.83	499.1	4.362	0.936	1105.5	410.4	4.028	1.215	1180.6	408.3	4.005	1.062	
293.15	111.38	508.1	4.393	0.865	1022.1	423.3	4.073	1.386	1127.5	419.1	4.043	1.111	

продолжение табл. 5.6.

313.15	97.12	524.7	4.448	0.803	633.77	465.9	4.212	4.063	1005.8	442.4	4.120	1.227
333.15	87.29	540.5	4.497	0.781	318.37	511.9	4.356	1.368	857.17	468.4	4.200	1.366
353.15	79.82	556.0	4.542	0.775	252.87	535.2	4.424	1.036	691.99	496.5	4.282	1.415
373.15	73.83	571.5	4.585	0.777	218.19	554.7	4.477	0.932	555.85	523.6	4.358	1.278
393.15	68.84	587.1	4.625	0.783	195.00	572.8	4.525	0.887	465.15	547.6	4.419	1.131
413.15	64.59	602.8	4.664	0.791	177.75	590.3	4.568	0.866	404.63	569.2	4.473	1.035
433.15	60.91	618.8	4.702	0.801	164.12	607.6	4.609	0.857	361.53	589.3	4.520	0.979
453.15	57.67	634.9	4.739	0.812	152.92	624.7	4.648	0.856	328.92	608.5	4.564	0.946
473.15	54.79	651.2	4.774	0.822	143.45	641.8	4.685	0.858	303.10	627.2	4.604	0.927
p=20												
203.15	1538.9	342.0	3.704	0.665								
223.15	1473.9	356.1	3.770	0.750								
243.15	1406.9	372.0	3.838	0.839								
263.16	1337.5	389.5	3.908	0.911								
273.15	1301.8	398.8	3.942	0.941								
283.15	1265.2	408.3	3.976	0.968								
293.15	1227.8	418.1	4.010	0.991								
313.15	1150.3	438.4	4.077	1.030								
333.15	1069.6	459.3	4.142	1.060								
353.15	987.06	480.7	4.204	1.079								
373.15	904.96	502.3	4.264	1.086								
393.15	826.41	524.0	4.321	1.081								
413.15	754.27	545.5	4.374	1.064								
433.15	690.32	566.6	4.424	1.042								
453.15	634.93	587.2	4.470	1.018								
473.15	587.49	607.3	4.514	0.997								